APPENDIX 5 - USER PROPOSAL

AMRIS Facility

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Daniel R. Talham (S) Pratik Roy (G)	PI C	University of Florida University of Florida	Chemistry Chemistry	No other support			**P17951**	Polymer coated lanthanide nanoparticles as PARACEST MRI contrast agents	Chemistry	1	0.83
Pascal Bernatchez (S) Elisabeth Barton (S) Abhinandan Batra (G) Ram Khattri (P) Glenn Walter (S) Huadong Zeng (S)	PI C C C C C	University of British Columbia University of Florida University of Florida University of Florida University of Florida University of Florida	Anesthesiology, Pharmacology, & Therapeutics Applied Physiology and Kinesiology Physical therapy Biochemistry and molecular biology/medicine Physiology and Aging AMRIS Affiliated Faculty & Staff	No other support			**P18061**	Imaging tissue heterogeneity in a new model of chronic muscle damage with fibrofatty infilitration and wasting.	Biology, Biochemistry, Biophysics	1	11.83
Benjamin Wylie (S) Reza Amani (G) Anil Mehta (S) Maryam Yekefallah (G)	PI C C C	Texas Tech University Department of Chemistry and Biochemistry Texas Tech University University of Florida Texas Tech University	Chemistry and Biochemistry Chemistry and Biochemistry AMRIS Chemistry and Biochemistry	No other support		DMR1644779	**P19164**	Determining the dynamic structure of lipid-membrane protein complexes via solid-state NMR	Biology, Biochemistry, Biophysics	1	12.5
Adam Veige (S) Clifford (Russ) Bowers (S) Alec Esper (G) Zhihui Miao (G) Yu-Hsuan Shen (G) Brent Sumerlin (S)	PI C C C C C	University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida	Chemistry Chemistry Chemistry Department of Chemistry Chemistry Chemistry	NSF	CHE - Chemistry	CHE1808234	**P19170**	Quantification of End Groups in Cyclic vs. Linear Polyacetylenes by Carbon-13 Magic Angle Spinning Nuclear Magnetic Resonance Spectroscopy	Biology, Biochemistry, Biophysics	1	13.5
Johnny Figueroa (S) Marcelo Febo (S)	PI C	Loma Linda University University of Florida	Center for Health Disparities and Molecular Medicine Psychiatry	No other support			**P19197**	Microstructural Correlates of Adolescent Adversity	Biology, Biochemistry, Biophysics	1	45

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Marjory Pompilus (G)	C	University of Florida	Psychiatry						
Matthew Eddy (S)	PI	University of Florida	Chemistry	No other support	**P19419**	ML-EDDY-002: Small molecule fragment screening with GPCRs in natural membranes by HRMAS NMR	Biology, Biochemistry, Biophysics	1	37.5
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology						
Guillaume Ferre' (S)	C	Université Toulouse III - Paul Sabatier	Institut de Pharmacologie et Biologie Structurale						
Niloofar Gopal Pour (G)	C	University of Florida	Chemistry						
Hala Hachem (G)	C	University of Florida	Chemistry						
Beining (Kim) Jin (G)	C	University of Florida	Chemistry						
Emma Mulry (G)	C	University of Florida	Chemistry						
Enzo Petracco (G)	C	University of Florida	Chemistry						
Arka Prabha Ray (G)	C	University of Florida	Chemistry						
Naveen Thakur (G)	C	University of Florida	Chemistry						
Jeffrey Rudolf (S)	PI	University of Florida	Chemistry	No other support	**P19437**	Bacterial terpenoids and their biosynthesis	Biology, Biochemistry, Biophysics	1	11.17
Tyler Alsup (G)	C	University of Florida	Chemistry						
Michelle Ehrenberger (G)	C	University of Florida	Chemistry						
Daniel Icenhour (G)	C	University of Florida	Chemistry						
Zining Li (P)	C	University of Florida	Chemistry						
Caitlin McCadden (G)	C	University of Florida	Chemistry						
Wenbo Ning (G)	C	University of Florida	Chemistry						
Xiuting Wei (G)	C	University of Florida	Chemistry						
Baofu Xu (P)	C	University of Florida	chemistry						
Jonathan Judy (S)	PI	University of Florida	Soil and Water Sciences	South Florida Water Management District Other	**P19466**	Evaluating the Nature of Phosphorus Entering, Within and Leaving Everglades Stormwater Treatment Areas (STAs)	Chemistry	1	35.17
A. Caroline Buchanan (G)	C	University of Florida	Ag - Soil and Water Science						
Lilit Vardanyan (P)	C	University of Florida	Soil and Water Science						

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Alaji Bah (S)	PI *	SUNY Upstate Medical University	Biochemistry & Molecular Biology	No other support	**P19486**	ML-BAH-001: Elucidating the role of PTMs in regulating the Structure, Dynamics, binding and phase separation of Intrinsically Disordered Proteins (IDPs)	Biology, Biochemistry, Biophysics	1	7.5
Leonardo Dettori (G)	C	SUNY Upstate Medical University	Biochemistry and Molecular Biology						
Anil Mehta (S)	C	University of Florida	AMRIS						
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	No other support	**P19543**	MAINTENANCE: Routine maintenance of existing equipment (formerly P09510 and P17541)	Development of Magnet Technology	1	244
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology						
Thomas Mareci (S)	C	University of Florida	Biochemistry and Molecular Biology						
Anil Mehta (S)	C	University of Florida	AMRIS						
James Rocca (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff						
Jens Rosenberg (S)	C	University of Florida	AMRIS						
Huadong Zeng (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff						
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	No other support	**P19551**	New equipment/upgrades/troubleshooting on horizontals (formerly P09509 and P17540	Development of Magnet Technology	1	28.5
Malathy Elumalai (O)	C	Florida State University	NMR-MRI						
Kelly Jenkins (T)	C	University of Florida	AMRIS Affiliated Faculty & Staff						
Joshua Slade (T)	C	University of Florida	AMRIS						
Huadong Zeng (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff						
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	No other support	**P19552**	New equipment/upgrades/troubleshooting on verticals (formerly P09507 and P17539)	Development of Magnet Technology	1	207.67
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology						
Malathy Elumalai (O)	C	Florida State University	NMR-MRI						
Anil Mehta (S)	C	University of Florida	AMRIS						
James Rocca (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff						
Joshua Slade (T)	C	University of Florida	AMRIS						
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	No other support	**P19554**	New user training (formerly P09511 and P17542)	Development of Magnet Technology	1	151.83
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology						
Malathy Elumalai (O)	C	Florida State University	NMR-MRI						

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Thomas Mareci (S)	C	University of Florida	Biochemistry and Molecular Biology						
Anil Mehta (S)	C	University of Florida	AMRIS						
James Rocca (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff						
Huadong Zeng (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff						
Luke Arbogast (S)	PI	National Institute of Standards and Technology MD	Institute for Bioscience and Biotechnology Research	No other support	**P19588**	Investigation of solid-state NMR for characterization of stability in spray-dried protein therapeutic formulations	Biology, Biochemistry, Biophysics	1	15.5
John Marino (S)	C	National Institute of Standards and Technology MD	Institute for Bioscience and Biotechnology Research						
Anil Mehta (S)	C	University of Florida	AMRIS						
Sandra Loesgen (S)	PI	Whitney Laboratory (UF)	Chemistry	No other support	**P19658**	Structural characterization of novel microbial metabolites and their biological activity	Chemistry	1	3
Matthew Merritt (S)	PI	University of Florida	Biochemistry and Molecular Biology	No other support	**P19683**	Segmented Flow LC-NMR-MS for Lipidomic Analysis	Biology, Biochemistry, Biophysics	1	10.33
Timothy Garrett (S)	C	University of Florida							
Jiajun Lei (G)	C	University of Florida	Chemistry						
Rohit Mahar (P)	C	University of Florida	Biochemistry and molecular biology						
Richard Yost (S)	C	University of Florida	Chemistry						
Gerald Schneider (S)	PI *	Louisiana State University	Chemistry	No other support	**P19693**	Long-term Diffusion of Bottlebrush Polymers in Different Environments	Biology, Biochemistry, Biophysics	1	13.5
Karin Bichler (P)	C	Louisiana State University	Chemistry						
Bruno Jakobi (P)	C	Louisiana State University	Chemistry						
Thomas Weldeghiorghis (S)	C	Louisiana State University	Chemistry						
Bill Baker (S)	PI	University of South Florida	Chemistry	No other support	**P19767**	Natural Product Drug Discovery for Infectious Diseases and the need for High-Sensitivity NMR Equipment	Biology, Biochemistry, Biophysics	1	7.33
Joe Bracegirdle (P)	C	University of South Florida	Chemistry						
Jimmy Lawrence (S)	PI	Louisiana State University	Chemical Engineering	No other support	**P19782**	Advanced NMR Spectroscopy as a Versatile Platform for Elucidating the Structure-Property Relationship of Bottlebrush Polymers	Chemistry	1	10
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology						
Nduka Ogbonna (G)	C	Louisiana State University	Chemical engineering						

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Libin Ye (S)	PI *	University of South Florida	Cell Biology, Microbiology and Molecular Biology	No other support			**P19783**	Conformational transition, dynamics, and signaling transductions of GPCRs	Biology, Biochemistry, Biophysics	1	4
Zachary Smith (S)	PI *	Massachusetts Institute of Technology	Chemical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2034734	**P19806**	PFG NMR quantification of gas diffusion inside composite membranes based on metal–organic frameworks as a function of diffusion length scale and membrane composition	Engineering	1	64.83
Omar Boloki (G)	C	University of Florida	Chemical Engineering								
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering								
Ryan Lively (S)	PI	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering,	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1836735	**P19852**	Influence of polymer crosslinking on microscopic diffusion in ZIF-based mixed-matrix membranes by high field diffusion NMR	Engineering	1	24.17
Blake Trusty (G)	C	University of Florida	Chemical Engineering								
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering								
Young Hee Yoon (G)	C	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering								
Anastasios Angelopoulos (S)	PI	University of Cincinnati	Department of Chemical and Environmental Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1836551	**P19860**	ML-ANGELOPOULOS-002: Quantification of diffusion of molecules with the “Janus” structure in Nafion by high field diffusion NMR	Engineering	1	38
Sarah Barber (G)	C	University of Cincinnati	Department of Chemical and Environmental Engineering								
Junchuan Fang (G)	C	University of Cincinnati	Chemical Engineering								
Jonathan Nickels (S)	C	University of Cincinnati	Department of Chemical and Environmental Engineering								
Blake Trusty (G)	C	University of Florida	Chemical Engineering								
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering								
Michael Harris (S)	PI	University of Florida	Chemistry	No other support			**P19877**	ML-HARRIS-002: NMR Spectroscopic Characterization of Protein-Polymer Conjugates in Aqueous Solutions	Biology, Biochemistry, Biophysics	1	3
Coray Colina (S)	C	University of Florida	Chemistry								
Matthew Eddy (S)	C	University of Florida	Chemistry								

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Brent Sumerlin (S)	C		University of Florida	Chemistry								
Leah Casabianca (S) Anil Mehta (S)	PI C	*	Clemson University University of Florida	Department of Chemistry AMRIS	No other support			**P19891**	Structural Investigation of Self-Assembling Peptides in Solution	Chemistry	1	4
Juan Beltran-Huarac (S) John Cooper (G) Homeira Faridnejad (G) Lewis Reynolds (S) Marina Sokolsky (S)	PI C C C C		East Carolina University (ECU) East Carolina University East Carolina University North Carolina State University University of North Carolina at Chapel Hill	Physics Physics Physics clreynol@ncsu.edu UNC Eshelman School of Pharmacy	No other support			**P19911**	ML-BELTRANHUARAC-002: High-Relaxivity Surface-Complexed Iron Oxide Nanoparticles and Magnetic Extracellular Vesicles as MRI Contrast Agents for Targeted Cancer Imaging	Biology, Biochemistry, Biophysics	1	1
Shahabeddin Vahdat (S) Vishwas Jindal (G) Sushain Kaul (G) David Vaillancourt (S) Daniel Wesson (S)	PI C C C C	*	University of Florida University of Florida University of Florida University of Florida University of Florida	Applied Physiology and Kinesiology Applied Physiology and Kinesiology Biomedical Engineering Applied Physiology and Kinesiology Pharmacology	No other support			**P19971**	ML-VAHDAT-001: Identification of neural mechanisms of force control using awake mouse optogenetic fMRI	Biology, Biochemistry, Biophysics	1	7.5
Rachel Martin (S) Jessica Kelz (G) Anil Mehta (S) Mina Mozafari (P) Megan Rocha (G)	PI C C C C	*	University of California, Irvine University of California, Irvine University of Florida University of California, Irvine University of California, Irvine	Chemistry Chemistry AMRIS Chemistry Chemistry	No other support			**P19974**	ML-MARTIN-001: Characterizing the dynamics of deamidation variants of human gamma-S crystallin to elucidate aggregation mechanisms	Biology, Biochemistry, Biophysics	1	23.33
Daniel R. Talham (S) Diba Allameh Zadeh (G) Brent Sumerlin (S)	PI C C		University of Florida University of Florida University of Florida	Chemistry Chemistry Chemistry	No other support			**P20026**	Self-Assembled Polymer Nanostructures as paraCEST MRI Contrast Agents	Chemistry	1	30
Lee Sweeney (S) Sean Forbes (S)	PI C	*	University of Florida University of Florida	Pharmacology & Therapeutics Departments of Physical Therapy and Physiology	NIH	NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases	AR052646	**P20062**	Interrogating the role of perturbed bioenergetics in the dystrophin-deficient heart	Biology, Biochemistry, Biophysics	1	2

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Cora Hart (G)	C	University of Florida	Pharmacology and Therapeutics								
Glenn Walter (S)	C	University of Florida	Physiology and Aging								
Johnny Figueroa (S)	PI	Loma Linda University	Center for Health Disparities and Molecular Medicine	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK124727	**P20078**	Neuroanatomic Abnormalities in Stress-Induced Obesity	Biology, Biochemistry, Biophysics	1	56.5
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology								
Ike de la Pena (S)	C	Loma Linda University	Pharmaceutical & Administrative Sciences								
Marcelo Febo (S)	C	University of Florida	Psychiatry								
Brenda Patricia Noarbe (T)	C	University of California, Irvine	Pediatrics								
Andre Obenaus (S)	C	University of California, Irvine	Pediatrics								
Perla Ontiveros-Ángel (G)	C	Loma Linda University	Center of Health Disparities and Molecular Medicine								
Marjory Pompilus (G)	C	University of Florida	Psychiatry								
Timothy Simon (U)	C	Loma Linda University	Neuroscience								
Julio Vega-Torres (G)	C	Loma Linda University	Center of Health Disparities and Molecular Medicine								
								Total Proposals:	**Experiments:**		**Days:**
								31	**31**		**1,125**

DC Field Facility

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Dragana Popovic (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Science / Experimental Physics	NSF	DMR - Division of Materials Research	DMR1707785	**P17479**	Transport Studies of Magnetic-Field-Tuned Phase Transitions in Cuprates	Condensed Matter Physics	1	6.13
Paul Baity (G)	C	National High Magnetic Field Laboratory									
Shimpei Ono (S)	C	Central Research Institute of Electric Power Industry	Materials Science Research Laboratory								
Bal Pokharel (G)	C	National High Magnetic Field Laboratory	Physics								
Takao Sasagawa (S)	C	Tokyo Institute of Technology	Materials and Structures Laboratory								
Zhenzhong Shi (S)	C	Soochow University	School of Physical Science and Technology & Institute for Advanced Study								
Lily Stanley (G)	C	National High Magnetic Field Laboratory	Physics and CMS, NHMFL								
Jasminka Terzic (P)	C	National High Magnetic Field Laboratory	CMS								
Youcheng Wang (P)	C	National High Magnetic Field Laboratory	NHMFL								
Yuxin Wang (G)	C	Florida State University	CMS								
Henri Alloul (S)	PI	French National Center for Scientific Research	Physics	VSP			**P17513**	Magnetic, transport and Fermi surface properties of Na ordered cobaltates Nax CoO2	Condensed Matter Physics	1	3.04
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Ildar Gilmutdinov (P)	C	Kazan Federal University	Institute of Physics								
Irek Mukhamedshin (S)	C	Kazan Federal University	Institute of Physics, General Physics Department								
Rico Schoenemann (P)	C	Los Alamos National Laboratory	MPA-MAG								
Sanfeng Wu (S)	PI	Princeton University	Department of Physics	NSF	DMR - Division of Materials Research	DMR1942942	**P17871**	Exploring Topological Quantum Phases and Devices Based on 2D Materials	Condensed Matter Physics	3	21
Yanyu Jia (G)	C	Princeton University	Physics	NSF	DMR - Division of Materials Research	DMR2011750					

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Michael Onyszczak (G)	C		Princeton University	Physics								
Leslie Schoop (S)	C		Princeton University	Chemistry								
Pengjie Wang (P)	C		Princeton University	Department of Physics								
Guo Yu (G)	C		Princeton University	Physics								
Christianne Beekman (S)	PI		National High Magnetic Field Laboratory	Physics	NSF	CAREER - Faculty Early Career Development Program	1847887	**P17889**	The effect of strain and confinement on spin ice physics in pyrochlore titanate thin films.	Condensed Matter Physics	1	7
Sangsoo Kim (G)	C		Florida State University	Physics								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Long Ju (S)	PI	*	Massachusetts Institute of Technology	Physics	NSF	DMR - Division of Materials Research	DMR1752784	**P17913**	Photocurrent study of magneto-excitons in 2D materials	Condensed Matter Physics	1	8
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Qihang Zhang (G)	C		Massachusetts Institute of Technology	Electrical Engineering & Computer Science								
Nicholas Butch (S)	PI		National Institute of Standards and Technology MD	NIST Center for Neutron Research	NIST	US Government Lab		**P17928**	Physical properties of spin triplet superconductor UTe2 in high magnetic field	Condensed Matter Physics	2	21.07
Corey Frank (P)	C		National Institute of Standards and Technology MD	NCNR								
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field CMS								
Sylvia Lewin (P)	C		University of Maryland, College Park	physics								
Sufei Shi (S)	PI		Rensselaer Polytechnic Institute	Chemical and Biological Engineering	NSF	DMR - Division of Materials Research	DMR1945420	**P17976**	Probing Excitonic Fine Structures in Van der Waals Heterostructures	Condensed Matter Physics	3	11.36
Zhen Lian (G)	C		Rensselaer Polytechnic Institute	chemical engineering								
Lei Ma (G)	C		Rensselaer Polytechnic Institute	Chemical and Biological Engineering								
Yuze Meng (P)	C		Rensselaer Polytechnic Institute	Chemical and Biological Engineering								

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Shengnan Miao (G)	C	Rensselear Polytechnic Institute	Chemical Engineering								
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Tianmeng Wang (G)	C	Rensselaer Polytechnic Institute	Chemical and Biological Engineering								
Li Xiang (P)	C	National High Magnetic Field Laboratory	DC field								
Li Yan (G)	C	Rensselaer Polytechnic Institute	Chemical engineering								
Badih Assaf (S)	PI	University of Notre Dame	Physics	NSF	DMR - Division of Materials Research	DMR1905277	**P17982**	Symmetry breaking in Landau quantized topological crystalline insulators	Condensed Matter Physics	3	25
Seul-Ki Bac (P)	C	University of Notre Dame	Physics								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Xinyu Liu (S)	C	University of Notre Dame	.								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Jiashu Wang (G)	C	University of Notre Dame	Physics								
Jagadeesh Moodera (S)	PI	MIT Plasma Science & Fusion Center	Physics	DOD	ARO - Army Research Office	W911NF-20-2-0061	**P18015**	Quantum transport at low temperatures and high fields in 2D materials subjected to induced ferromagnetic proximity coupling	Condensed Matter Physics	1	7
Scott Hannahs (S)	C	National High Magnetic Field Laboratory	Instrumentation	NSF	DMR - Division of Materials Research	DMR1231319					
Yingying WU (P)	C	Massachusetts Institute of Technology	physics								
Jian Liu (S)	PI	University of Tennessee, Knoxville	Physics	DOE	BES – Basic Energy Sciences	DE-SC0020254	**P18024**	Low-temperature high-field magnetotransport study of geometrically frustrated spin ice heterostructures	Condensed Matter Physics	2	14
Qing Huang (G)	C	University of Tennessee, Knoxville	Physics								
Chengkun Xing (G)	C	University of Tennessee, Knoxville	Physics								

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Weiliang Yao (P)	C	University of Tennessee, Knoxville	Physics								
Adam Fiedler (S)	PI	Marquette University	Chemistry	No other support			**P18030**	Probing the Magnetic Anisotropy of Co(II) Complexes Featuring Radical Ligands	Chemistry	1	7
John Berry (S)	C	University of Wisconsin, Madison	Department of Chemistry								
Kinga Kaniewska (G)	C	Gdansk University of Technology	Department of Inorganic Chemistry								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Joshua Telser (S)	C	Roosevelt University	Biological, Physical and Health Sciences								
Zhi-Xun Shen (S)	PI	Stanford University	Physics	DOE	BES – Basic Energy Sciences	DE-AC02-76SF00515	**P18038**	Fermi Surfaces in Correlated Insulators	Condensed Matter Physics	1	5.96
Jessica Chapman (G)	C	University of Cambridge	Physics								
Shalinee Chikara (S)	C	National High Magnetic Field Laboratory	CMS, DC Field Facility								
Alexander Davies (G)	C	University of Cambridge	Physics								
Alex Eaton (S)	C	University of Cambridge	Physics								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Alex Hickey (G)	C	University of Cambridge	Department of Physics								
Liting Huang (U)	C	University of Cambridge	Physics								
Alice Jin (U)	C	University of Cambridge	QM								
Hsu Liu (G)	C	University of Cambridge	Physics								
Nicholas Popiel (G)	C	University of Cambridge	Physics								
Gilles Rodway-Gant (U)	C	University of Cambridge	Cavendish Laboratory								
Flavio Salvati (U)	C	University of Cambridge	Quantum Mechanics								
Suchitra Sebastian (S)	C	University of Cambridge	Physics								

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Oscar Solomons-Tuke (U)	C	Cambridge University	Quantum Matter								
Kejun Xu (G)	C	Stanford University	Applied Physics								
Miha Zakotnik (S)	PI	Urban Mining Company	research	No other support			**P18071**	Recycled NdFeB permanent magnets and their role in circular economy	Development of Magnet Technology	1	3
Petru Andrei (S)	C	Florida State University	Electrical and Computer Engineering								
Davide Prosperi (S)	C	UMC	research								
Luis Balicas (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Experiment	DOE	BES – Basic Energy Sciences	DE-SC0002613	**P19122**	Understanding the anomalous Hall-effect in the magnetic topological semi-metallic candidates Fe3GeTe2 and Fe5GeTe2	Condensed Matter Physics	2	20
Brian Casas (P)	C	National High Magnetic Field Laboratory	Condensed Matter Sciences								
Michael Zudov (S)	PI	University of Minnesota, Twin Cities	School of Physics and Astronomy	DOE	BES – Basic Energy Sciences	DE-SC0002567	**P19127**	Broken-symmetry states in high Landau levels of GaAs/AlGaAs quantum wells	Condensed Matter Physics	3	23
Kirk Baldwin (S)	C	Princeton University	Electrical Engineering								
Elliot Bell (G)	C	University of Minnesota, Twin Cities	School of Physics and Astronomy								
Xiaojun Fu (G)	C	University of Minnesota, Twin Cities	Physics								
Michael Manfra (S)	C	Nokia Bell Labs	Semiconductor Physics Research								
Loren Pfeiffer (S)	C	Princeton University	Electrical Engineering								
Sergei Studenikin (S)	C	National Research Council of Canada	Quantum Physics Group								
Ken West (S)	C	Princeton University	Princeton Institute for the Science and Technology of Materials								
Haidong Zhou (S)	PI	University of Tennessee, Knoxville	Physics and Astronomy	DOE	BES – Basic Energy Sciences	DE-SC0020254	**P19130**	Manipulating the strong quantum spin fluctuations in new triangular lattice antiferromagnets with spin-1/2	Condensed Matter Physics	5	42
Alexander Brassington (G)	C	University of Tennessee, Knoxville	Physics	NSF	DMR - Division of Materials Research	DMR2003117					
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Zachery Enderson (P)	C	Georgia Institute of Technology	School of Physics								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Qing Huang (G)	C	University of Tennessee, Knoxville	Physics								
Chengkun Xing (G)	C	University of Tennessee, Knoxville	Physics								
Nirmal Ghimire (S)	PI	George Mason University	Physics and Astronomy	George Mason University	US College and University		**P19163**	High field magnetization and quantum oscillations of metallic Kagome net magnets	Condensed Matter Physics	1	5.79
Hari Bhandari (G)	C	George Mason University	Physics								
Nirmal Ghimire (S)	C	George Mason University	Physics and Astronomy								
Peter Siegfried (P)	C	George Mason University	Physics and Astronomy								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Nishchal Thapa Magar (G)	C	George Mason University	Physics and Astronomy								
Eun Sang Choi (S)	PI	National High Magnetic Field Laboratory	Physics Department	No other support			**P19217**	Magnetometry instrumentation: calibration and background measurements	Condensed Matter Physics	3	21
Yanbo Guo (G)	C	University of Florida	Physics								
Yasu Takano (S)	C	University of Florida	Physics								
Xiao-Xiao Zhang (S)	PI	University of Florida	Physics	UCGP		R000002800	**P19224**	Magneto-optical investigation of Van der Waals magnetic-semiconductor heterostructure	Condensed Matter Physics	4	19.18
Xin Cong (P)	C	University of Florida	Physics	UCGP							
John Koptur-Palenchar (G)	C	University of Florida	Physics	University of Florida	US College and University						
Stephen McGill (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Yunong Wang (G)	C	University of Florida	Department of Physics								
S M Enamul Hoque Yousuf (G)	C	University of Florida	Electrical and Computer Engineering								
Mingyang Zheng (G)	C	University of Florida	Physics Department								
Henry La Pierre (S)	PI	Georgia Institute of Technology	School of Chemistry and Biochemistry	NSF	CAREER - Faculty Early Career Development Program	1943452	**P19236**	Magnetic Properties Characterization of Kagome Lattice Compounds,	Chemistry	1	7

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS					(CH3NH3)2MM'3F12 (M = Na+, K+ and NH4+, M' = V3+ and Ti3+)			
Arun Ramanathan (G)	C		Georgia Institute of Technology	Chemsitry								
Haruko Tateyama (G)	C		Georgia Institute of Technology	School of Chemistry and Biochemistry								
Xiang Yuan (S)	PI		East China Normal University	state key laboratory of precision spectroscopy	East China Normal University	Non US College and University		**P19239**	Probing electronic structure of topological semimetal under magnetic field by infrared spectroscopy	Condensed Matter Physics	2	14
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Zeping Shi (G)	C		East China Normal University	State Key Laboratory of Precision Spectroscopy								
Wenbin Wu (G)	C		East China Normal University	State Key Laboratory of Precision Spectroscopy								
Cheng Zhang (S)	C		Fudan University	Institute for Nanoelectronic Devices and Quantum Computing								
Jin Hu (S)	PI		University of Arkansas	Physics	DOE	BES – Basic Energy Sciences	DE-SC002200	**P19251**	High Field Transport of Nonsymmorphic Topological Semimetals	Condensed Matter Physics	1	4.84
Gokul Acharya (G)	C		University of Arkansas	Physics								
Rabindra Basnet (G)	C		University of Arkansas	Physics								
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field CMS								
Krishna Pandey (G)	C		University of Arkansas	Physics								
Paula Giraldo-Gallo (S)	PI	*	University of Los Andes	Physics	Universidad de Los Andes	Non US College and University		**P19271**	High field study of quasi-1D transition metal chalcogenides and related charge-ordered compounds	Condensed Matter Physics	1	6.1
Ian Fisher (S)	C		Stanford University	Applied Physics								
Jose Galvis Echeverri (P)	C		Central University Colombia	Natural Sciences								
Isabel Guillamon (P)	C		University of Bristol	Physics								
Edwin Herrera Vasco (P)	C		Autonomous University of Madrid	Condesed Matter								
Luis Rivera (G)	C		University of Los Andes	Physics								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Julian Rojas (G) Diego Silvera Vega (G) Hermann Suderow (S)	C C C	University of Los Andes University of Los Andes Autonomous University of Madrid	Bogota Physics Condesed Matter								
Janice Musfeldt (S) Carla Boix-Constant (G) Eugenio Coronado (S) Samuel Mañas-Valero (G) Mykhaylo Ozerov (S) Dmitry Smirnov (S)	PI C C C C C	University of Tennessee, Knoxville University of Valencia University of Valencia University of Valencia National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Department of Chemistry ICMol Chemistry ICMol (Institute for Molecular Science) Condensed Matter Science, DC Field CMS Instrumentation & Operations	Jan Musfeldt + David Bernholdt	Other		**P19343**	High field spectroscopy of materials with broken symmetry and strong spin-orbit coupling	Chemistry	1	7
Wei Pan (S) John Reno (S)	PI C	Sandia National Laboratories Sandia National Laboratories	Semiconductor Devices and Science -	DOE	NNSA - National Nuclear Security Administration	DE-NA0003525	**P19350**	Quantum Hall Canted Antiferromagnetism in GaAs Double Quantum Wells under Driving Electromagnetic Fields	Condensed Matter Physics	1	7
Nikolai Kalugin (S) Paola Barbara (S) Luis Foa Torres (S) Gabriel Gaertner (U) John Huckabee (G) YIJING LIU (G) Alexey Suslov (S)	PI C C C C C C	New Mexico Institute of Mining and Technology Georgetown University University of Chile New Mexico Institute of Mining and Technology New Mexico Institute of Mining and Technology Georgetown University National High Magnetic Field Laboratory	Department of Materials Engineering Department of Physics Department of Physics, FCFM Materials Engineering Materials Engineering Physics Condensed Matter Science	NSF NSF	DMR - Division of Materials Research DMR - Division of Materials Research	DMR2120475 DMR2104770	**P19351**	Floquet-Bloch states in Quantum Hall systems	Condensed Matter Physics	2	34.57
Pengcheng Dai (S)	PI	University of Tennessee, Knoxville	Physics	NSF	DMR - Division of Materials Research	DMR2100741	**P19360**	Investigation into Orbital Pairing Mechanism of	Condensed Matter Physics	1	4.18

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Luis Balicas (S) Mason Klemm (G)	C C	National High Magnetic Field Laboratory Rice University	Condensed Matter Experiment Physics					Superconducting Electrons in Ni doped BaFe2As2			
David Graf (S) Nicholas Butch (S) Sylvia Lewin (P)	PI C C	National High Magnetic Field Laboratory National Institute of Standards and Technology MD University of Maryland, College Park	DC Field CMS NIST Center for Neutron Research physics	No other support			**P19363**	Two-axis rotation for DC magnetic fields	Condensed Matter Physics	5	28.16
Jurek Krzystek (S) Thierry Dubroca (S) Songi Han (S) Stephen Hill (S) Bradley Price (G) Mark Sherwin (S) Bianca Trociewitz (T) Xiaoling Wang (S)	PI C C C C C C C	National High Magnetic Field Laboratory National High Magnetic Field Laboratory University of California, Santa Barbara National High Magnetic Field Laboratory University of California, Santa Barbara University of California, Santa Barbara National High Magnetic Field Laboratory California State University, East Bay	Condensed Matter Science EMR Department of Chemistry and Biochemistry EMR Physics Physics EMR Chemistry	No other support			**P19369**	Development of high-resolution THz EPR spectrometer based on the series-connected hybrid	Development of Magnet Technology	2	10.28
Philip Kim (S) Abhishek Banerjee (P) James Ehrets (G) Onder Gul (P) Zeyu Hao (G) Antti Laitinen (P) Joon Young Park (P) Isabelle Phinney (G)	PI C C C C C C C	Harvard University Harvard University Harvard University Harvard University Harvard University Harvard University Harvard University Harvard University	Department of Physics Physics Physics Department of Physics Physics Department of Physics Physics Physics	DOE	BES – Basic Energy Sciences	DOE DE-SC0012260	**P19376**	Emergent phenomena in graphene heterostructures at the extreme quantum limit	Condensed Matter Physics	1	13

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Yuval Ronen (P)	C	Harvard University	Physics								
Thomas Werkmeister (G)	C	Harvard University	Applied Physics								
Jonathan Zauberman (G)	C	Harvard University	Physics								
Andrew Zimmerman (P)	C	Harvard University	Physics								
Abhay Pasupathy (S)	PI	Columbia University	Physics	NSF	MRSEC - Materials Research Science and Engineering Centers	DMR-1420634	**P19383**	Topologically protected quasiparticle excitations in 2D superconductors	Condensed Matter Physics	3	15.55
Augusto Ghiotto (G)	C	Columbia University	Physics	NSF	MRSEC - Materials Research Science and Engineering Centers	1420634					
Apoorv Jindal (G)	C	Columbia University	Physics								
Zizhong Li (G)	C	University of Wisconsin, Madison	Department of Materials Science and Engineering								
Daniel Rhodes (S)	C	University of Wisconsin, Madison (UW)	Materials Science and Engineering								
Yuan Song (G)	C	Columbia University	Physics								
Aya Batoul Tazi (U)	C	Columbia University	Physics								
Fazel Tafti (S)	PI	Boston College	Physics	DOE	BES – Basic Energy Sciences	DE-SC0002613	**P19384**	Hydrodynamic Electron Flow in NbGe2	Condensed Matter Physics	1	7
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Brian Casas (P)	C	National High Magnetic Field Laboratory	Condensed Matter Sciences								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Hung-Yu Yang (G)	C	Boston College	Physics								
Cedomir Petrovic (S)	PI	Brookhaven National Laboratory	Condensed Matter Physics	DOE	BES – Basic Energy Sciences	DE-SC0012704	**P19385**	Size effects and Electronic transport anisotropy in correlated electron Dirac and Weyl semimetals	Biology, Biochemistry, Biophysics	6	47.23
Fernando Camino (S)	C	Brookhaven National Laboratory	Center for Functional Nanomaterials								
Shuzhang Chen (G)	C	Brookhaven National Laboratory	Condensed Matter Physics								
Qianheng Du (P)	C	Argonne National Laboratory	Materials Science Division								

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Spencer Gibbs (U)	C	University of Pennsylvania	Chemistry								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Zhixiang Hu (G)	C	Brookhaven National Laboratory	Condensed Matter Physics								
Cedomir Petrovic (S)	C	Brookhaven National Laboratory	Condensed Matter Physics								
Mike Sumption (S)	PI	Ohio State University	CSMM, MSE	DOE	HEP – High Energy Physics	DE-SC0013849	**P19391**	High Field Transport in Ternary and Quaternary APC type Nb3Sn Conductors with Increased Engineering Je and Stability	Development of Magnet Technology	2	12.3
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS	DOE							
Jacob Rochester (G)	C	Ohio State University	Materials Science	DOE	SBIR - Small Business Innovation Research	DE-SC0019816,					
Fang Wan (P)	C	Fermi National Accelerator Laboratory	APPLIED PHYSICS AND SUPERCONDUCTING TECHNOLOGY DIVISION	DOE	SBIR - Small Business Innovation Research	DE-SC0013849					
Xingchen Xu (S)	C	Fermi National Accelerator Laboratory	Magnet System								
Chun Ning (Jeanie) Lau (S)	PI	Ohio State University	Department of Physics and Astronomy	DOE	BES – Basic Energy Sciences	DE-SC0020187	**P19392**	Symmetry-broken phases and topological phenomena in layered quantum materials	Condensed Matter Physics	2	13.02
Xueshi Gao (G)	C	Ohio State University	Physics	NSF	DMR - Division of Materials Research	DMR1922076					
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Haidong Tian (G)	C	Ohio State University	Physics								
Greyson Voigt (G)	C	Ohio State University	Dept of Physics								
Jiayin Wang (G)	C	Ohio State University	Physics								
Yuxin Zhang (G)	C	Ohio State University	Physics								
Zheneng Zhang (G)	C	Ohio State University	Physics								
Johnpierre Paglione (S)	PI	University of Maryland, College Park	Center for Nanophysics and Advanced Materials, Department of Physics	NSF	DMR - Division of Materials Research	DMR1905891	**P19400**	Study of Multiple Superconducting phases and Fermi Surface in Spin-Triplet Superconductor UTe2	Condensed Matter Physics	1	5.53

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Nicholas Butch (S)	C	National Institute of Standards and Technology MD	NIST Center for Neutron Research								
Yun Suk Eo (G)	C	University of Michigan	Physics Department								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Wen-Chen Lin (G)	C	University of Maryland, College Park	physics								
I-LIn Liu (G)	C	University of Maryland, College Park	Chemical Physics								
Sheng Ran (S)	C	Washington University in St. Louis	Physics								
Shanta Saha (P)	C	University of Maryland, College Park	Physics								
Prathum Saraf (G)	C	University of Maryland, College Park	Physics								
Danila Sokratov (G)	C	University of Maryland, College Park	Physics								
Hyeok Yoon (P)	C	University of Maryland, College Park	Department of Physics								
Zhigang Jiang (S)	PI	Georgia Institute of Technology	School of Physics	DOE	BES – Basic Energy Sciences	DE-FG02-07ER46451	**P19401**	Magneto-infrared Spectroscopy Study of Emerging Topological Materials with Layered Structures	Condensed Matter Physics	2	14
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Li Xiang (P)	C	National High Magnetic Field Laboratory	DC field								
Tianhao Zhao (G)	C	Georgia Institute of Technology	School of Physics								
Cory Dean (S)	PI	City College of New York	Physics	DOE	BES – Basic Energy Sciences	DE-SC0016703	**P19404**	Electron correlation and topology in van der Waals heterostructure under high magnetic field	Condensed Matter Physics	3	18.88
Avishai Benyamini (P)	C	Columbia University	Mechanical Engineering	DOE	BES – Basic Energy Sciences	DE-SC00167703					
Shaowen Chen (G)	C	Columbia University	Applied Physics and Applied Mathematics								
Aravind Devarakonda (P)	C	Columbia University	Physics								

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Qianhui Shi (S)	C		University of California, Los Angeles	Physics								
En-Min Shih (G)	C		Columbia University	Physics								
Josh Swann (G)	C		Columbia University	Physics								
Evan Telford (G)	C		Columbia University	Physics								
Dmitry Smirnov (S)	PI		National High Magnetic Field Laboratory	Instrumentation & Operations	DOE	BES – Basic Energy Sciences	DE-FG02-07ER46451	**P19412**	Electrical and magnetic field control of optical processes in atomicallythin layers and van der Waals heterostructures	Condensed Matter Physics	1	7
Zhigang Jiang (S)	C		Georgia Institute of Technology	School of Physics								
Chun Ning (Jeanie) Lau (S)	C		Ohio State University	Department of Physics and Astronomy								
Zhengguang Lu (P)	C		Massachusetts Institute of Technology	Physics								
Sufei Shi (S)	C		Rensselaer Polytechnic Institute	Chemical and Biological Engineering								
Li Xiang (P)	C		National High Magnetic Field Laboratory	DC field								
Irina Drichko (S)	PI		Ioffe Physical-Technical Institute of the Russian Academy of Sciences	Physics of Semiconductors and Dielectrics	No other support		19-02-00124	**P19427**	Magnetotransport Properties of High-Mobility p-AlGaAs/GaAs/AlGaAs Structures: Acoustic Studies.	Condensed Matter Physics	1	7
Loren Pfeiffer (S)	C		Princeton University	Electrical Engineering								
Ivan Smirnov (S)	C		Ioffe Physical-Technical Institute of the Russian Academy of Sciences	Physics of Semiconductors and Dielectrics								
Alexey Suslov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science								
Ken West (S)	C		Princeton University	Princeton Institute for the Science and Technology of Materials								
Isabelle Marcotte (S)	PI	*	University of Quebec at Montreal	Chemistry	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI151321	**P19442**	Chlamydomonas reinhardtii cell-wall and whole cell glycan architecture studied by high-field and DNP Solid-State NMR	Biology, Biochemistry, Biophysics	1	4
Fabien Deligey (P)	C		Louisiana State University	Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Malitha Dickwella Widanage (G)	C	Louisiana State University	chemistry								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Tuo Wang (S)	C	Michigan State University	Chemistry								
Sara Haravifard (S)	PI	Duke University	Department of Physics	NSF	DMR - Division of Materials Research	DMR1828348	**P19445**	High Pressure Studies of Frustrated Magnets	Condensed Matter Physics	3	18.88
Rabindranath Bag (P)	C	Duke University	Physics	Duke University	US College and University						
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Sachith Dissanayake (P)	C	Duke University	Physics								
Matthew Ennis (G)	C	Duke University	Physics								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Wenda Si (U)	C	Duke University	Department of Physics								
SiJie Xu (G)	C	Duke University	Physics								
Lalit Yadav (G)	C	Duke University	Physics								
Keshav Shrestha (S)	PI	Texas A&M University	Chemistry and Physics	The Welch Foundation at West Texas A&M University, Killgore Research Faculty Grant, Killgore USR Grant, and Killgore GSR Grant	US College and University	AE-025	**P19467**	Search of Topological Phases of Materials	Condensed Matter Physics	1	3.83
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Duncan Mierstchin (U)	C	West Texas A&M University	Chemistry and Physics								
Thinh Nguyen (G)	C	West Texas A&M University	Chemistry and Physics								
Sheng Ran (S)	PI	Washington University in St. Louis	Physics	Washington University in St. Louis	US College and University		**P19470**	Study of high magnetic field induced superconductivity and Fermi surface of UTe2	Condensed Matter Physics	1	6.7
Christopher Broyles (G)	C	Washington University in St. Louis	Physics								

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David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Zackary Rehfuss (G)	C	Washington University in St. Louis	Physics								
Hasan Siddiquee (P)	C	Washington University in St. Louis	Physics								
Lin Jiao (S)	PI	Zhejiang University	Physics	NSF	DMR - Division of Materials Research	DMR1644779	**P19480**	High Magnetic Field Probe Design and Technique Development	Condensed Matter Physics	5	44
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Ryan Baumbach (S)	C	National High Magnetic Field Laboratory	CMS								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Elizabeth Green (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Robert Nowell (T)	C	National High Magnetic Field Laboratory	DC User Support								
Arneil Reyes (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Enrique Colacio (S)	PI	University of Granada	Inorganic Chemistry	No other support			**P19485**	High-frequency and -field EPR and FIRMS of prismatic trigonal Co(II) and pentagonal bipyramidal Dy(III) SIMs complexes	Chemistry	1	9
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Talal Mallah (S)	PI	University of Paris-Sud	ICMMO	No other support			**P19496**	Electronic structure of magnetic Ni(II) complexes as potential quantum bits	Development of Magnet Technology	1	7
Brittany Grimm (G)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Yining Huang (S)	PI	University of Western Ontario	Chemistry	NSERC of Canada	Other		**P19515**	17O and 91Zr solid-state NMR of metal-	Chemistry	1	4

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Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL					organic frameworks at 35.2 T			
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Wanli Zhang (G)	C	University of Western Ontario	Chemistry								
Jeffrey Long (S)	PI	University of California, Berkeley	Chemistry	NSF	CHE - Chemistry	CHE2102603	**P19520**	Hard Permanent Magnetism from Mixed-Valence Dilanthanide Complexes with Metal-Metal Bonding	Chemistry	4	20.59
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Hyunchul Kwon (G)	C	University of California, Berkeley	Chemistry								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Danielle Laurencin (S)	PI	University of Montpellier	Institut Charles Gerhardt de Montpellier	ERC	Other		**P19532**	Identification of interfacial bonding environments in functional nanomaterials and biomaterials using high resolution solid state NMR at (ultra)-high fields	Chemistry	2	5
Pierre Florian (S)	C	French National Center for Scientific Research	CEMTHI	ANR	Other	"TOGETHER" project					
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL	CNRS	Other						
Christel Gervais (S)	C	Sorbonne University	Laboratoire de Chimie de la Matière Condensée								
Ieva Goldberga (P)	C	French National Center for Scientific Research	Institut Charles Gerhardt de Montpellier								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
César Leroy (P)	C	French National Center for Scientific Research	ICGM - UMR 5253								
Adam Nelson (G)	C	Sorbonne University	Chemistry								
Joseph Checkelsky (S)	PI	Massachusetts Institute of Technology	Physics	NSF	DMR - Division of Materials Research	DMR1231319	**P19540**	High Field Studies of Novel Layered Materials	Condensed Matter Physics	7	46.69
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Alan Chen (G)	C	Massachusetts Institute of Technology	EECS								
Maximilien Debbas (G)	C	Massachusetts Institute of Technology	Physics								
Aravind Devarakonda (P)	C	Columbia University	Physics								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Minyong Han (G)	C	Massachusetts Institute of Technology	Physics								
Caolan John (G)	C	Massachusetts Institute of Technology	Physics								
Paul Neves (G)	C	Massachusetts Institute of Technology	Physics								
Joshua Wakefield (G)	C	Massachusetts Institute of Technology	Physics								
Shu Yang Zhao (P)	C	Massachusetts Institute of Technology	Physics								
Kent (Jingxu) Zheng (P)	C	Massachusetts Institute of Technology	Physics								
Junbo Zhu (G)	C	Massachusetts Institute of Technology	Physics								
Theo Siegrist (S)	PI	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering	NSF	DMR - Division of Materials Research	DMR1625780	**P19541**	Exploring the effect of magnetic field on structural properties across the valence state transition in EuPd2Si2	Condensed Matter Physics	1	6.68
Madilyn Getz (U)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Alexey Kovalev (S)	C	National High Magnetic Field Laboratory	CMS								
Masoud Mardani (G)	C	National High Magnetic Field Laboratory	CMS								
Shivani Sharma (P)	C	Brookhaven National Laboratory	NSLS-2								
Julia Smith (S)	C	National High Magnetic Field Laboratory	DC Field								

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Alexey Suslov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Zhiqiang Mao (S)	PI	Pennsylvania State University	Department of Physics	NSF	DMR - Division of Materials Research	DMR1917579	**P19544**	Studies of exotic quantum phenomena near the quantum limit in Dirac semimetals AMnSb2 (A=Sr, Ba and Yb)	Condensed Matter Physics	1	5.73
Yingdong Guan (G)	C	Pennsylvania State University	Physics Department								
Seng Huat Lee (S)	C	Pennsylvania State University	Physics								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Lujin Min (G)	C	Pennsylvania State University	Department of Physics								
Johanna Palmstrom (P)	C	Los Alamos National Laboratory (LANL)	MPA-MAG								
Zahid Hasan (S)	PI	Princeton University	Physics	Gordon and Betty Moore Foundation	US Foundation	GBMF4547	**P19566**	Magnetotransport studies of topological magnets under hydrostatic pressure	Condensed Matter Physics	6	37.09
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Brian Casas (P)	C	National High Magnetic Field Laboratory	Condensed Matter Sciences								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Md Shafayat Hossain (P)	C	Princeton University	Physics								
Qi Zhang (P)	C	Princeton University	Physics								
David Mandrus (S)	PI	University of Tennessee, Knoxville	Materials Science and Engineering	DOD	US Air Force		**P19572**	Topological Hall Effect in Kagome Lattice Materials	Condensed Matter Physics	2	10.08
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment	Gordon and Berry Moore	Other	GBMF9069					
Shirin Mozaffari (P)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
Richa Pokharel Madhogaria (P)	C	University of Tennessee, Knoxville	Materials Science and Engineering								

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Louis Taillefer (S)	PI	University of Sherbrooke	Physics	Natural Sciences and Engineering Research Council of Canada	Non US Council		**P19605**	Zooming in on the strange metal physics and pseudogap phase of cuprates	Condensed Matter Physics	2	7.64
Amirreza Ataei (G)	C	University of Sherbrooke	Physics	Fonds de Recherche du Québec – Nature et Technologies	Non US Foundation						
Jordan Baglo (P)	C	University of Sherbrooke	Department of Physics	Canadian Institute for Advanced Research	Non US Foundation						
Marie-Eve Boulanger (G)	C	University of Sherbrooke	Physics								
Lu Chen (G)	C	University of Michigan	Physics								
Caitlin Duffy (G)	C	High Field Magnet Laboratory, Radboud University	HFML								
Adrien Gourgout (P)	C	University of Sherbrooke	Physics								
Gael Grissonnanche (P)	C	Cornell University	LASSP								
Etienne Lefrançois (G)	C	University of Sherbrooke	Physics								
Shimpei Ono (S)	C	Central Research Institute of Electric Power Industry	Materials Science Research Laboratory								
Brad Ramshaw (S)	C	Cornell University	Laboratory of Atomic and Solid State Physics								
Zhi-Xun Shen (S)	C	Stanford University	Physics								
Kejun Xu (G)	C	Stanford University	Applied Physics								
Aaron Rossini (S)	PI	Iowa State University	Chemistry	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1916809	**P19606**	High-Field Solid-State NMR of Heterogeneous Catalysts and Inorganic Materials	Chemistry	2	7
Rick Dorn (G)	C	Iowa State University	Chemistry								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Tim Murphy (S)	PI		National High Magnetic Field Laboratory	Operations	No other support			**P19611**	Testing of DCFF magnets, power supplies and associated equipment	Condensed Matter Physics	8	35.08
Alimamy Bangura (S)	C		National High Magnetic Field Laboratory	CMS								
Troy Brumm (T)	C		National High Magnetic Field Laboratory	DC Field								
Eun Sang Choi (S)	C		National High Magnetic Field Laboratory	Physics Department								
Elizabeth Green (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science								
Glover Jones (T)	C		National High Magnetic Field Laboratory	Instrumentation & Operations								
Robert Nowell (T)	C		National High Magnetic Field Laboratory	DC User Support								
Andy Powell (S)	C		National High Magnetic Field Laboratory	Operations								
Arneil Reyes (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science								
Julia Smith (S)	C		National High Magnetic Field Laboratory	DC Field								
Eric Stiers (O)	C		National High Magnetic Field Laboratory	DC Field								
Sujana Sri Venkat Uppalapati (O)	C		National High Magnetic Field Laboratory	DC Field Facility								
Trevor Tyson (S)	PI	*	New Jersey Institute of Technology	Physics	NSF	DMR - Division of Materials Research	DMR1809931	**P19612**	Probing Magnetic Field-Induced Order and Field-Coupled Structural Changes in Multiferroic HoAl3(BO3)4	Condensed Matter Physics	1	4.03
Alexey Kovalev (S)	C		National High Magnetic Field Laboratory	CMS								
Masoud Mardani (G)	C		National High Magnetic Field Laboratory	CMS								
William Nelson (G)	C		NHMFL-FSU	CMS-Physics								
Jennifer Neu (G)	C		National High Magnetic Field Laboratory	CMS								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Theo Siegrist (S)	C	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
Alexey Suslov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Vikram Deshpande (S)	PI	University of Utah	Physics & Astronomy	NSF	DMR - Division of Materials Research	DMR1936383	**P19613**	Quantum Transport in Intrinsic Magnetic Topological Insulators	Condensed Matter Physics	2	10.7
Griffin Bradford (O)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center								
Su Kong Chong (P)	C	University of California, Los Angeles	Department of Electric and Computer Engineering								
Anca Constantinescu (P)	C	National High Magnetic Field Laboratory	ASC								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS								
Seng Huat Lee (S)	C	Pennsylvania State University	Physics								
Zhiqiang Mao (S)	C	Pennsylvania State University	Department of Physics								
Amit Vashist (P)	C	University of Utah	Department of Physics & Astronomy								
Kang Wang (S)	C	University of California, Los Angeles	Electrical Engineering								
Cui-Zu Chang (S)	PI	Pennsylvania State University	Physics	DOE	BES – Basic Energy Sciences	DE-SC0019064	**P19615**	Quantum Anomalous Hall Sandwiches Under High Magnetic Fields	Condensed Matter Physics	1	7
Hemian Yi (P)	C	Pennsylvania State University	Department of physics								
RuoXi Zhang (G)	C	Pennsylvania State University	Physics								
Yi-Fan Zhao (G)	C	Pennsylvania State University	Physics								
Lingjie Zhou (G)	C	Pennsylvania State University	Physics Department								
Peide Ye (S)	PI	Purdue University	School of Electrical and Computer Engineering	NSF	EFMA - Emerging Frontiers and Multidisciplinary Activities	EFMA1433459	**P19617**	Quantum transport in n-type chiral semiconductor Tellurene	Condensed Matter Physics	3	18.81
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								

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Lin Jiao (S)	C		Zhejiang University	Physics								
Chang Niu (G)	C		Purdue University	Electrical and Computer Engineering								
Pukun Tan (G)	C		Purdue University	Electrical Engineering								
Zhuocheng Zhang (G)	C		Purdue University	Electrical and Computer Engineering								
Jun Zhu (S)	PI		Pennsylvania State University	Physics	NSF	DMR - Division of Materials Research	DMR1904986	**P19619**	Valley Isospin-Driven Correlated Phenomena in Bilayer Graphene	Condensed Matter Physics	2	13.1
Hailong Fu (P)	C		Pennsylvania State University	Physics								
Chengqi Guo (G)	C		Pennsylvania State University	Physics								
Ke Huang (G)	C		Pennsylvania State University	Physics								
Cequn Li (G)	C		Pennsylvania State University	Physics								
Le Yi (G)	C		Pennsylvania State University	Physics								
Andreas Rydh (S)	PI	*	Stockholm University	Department of Physics	Swedish Science Foundation	Non US Council		**P19624**	Quantum Materials with Anisotropic Heavy Fermions	Condensed Matter Physics	1	4.46
Alimamy Bangura (S)	C		National High Magnetic Field Laboratory	CMS								
Akash Khansili (G)	C		Stockholm University	Department of Physics								
Neha Kondedan (G)	C		Stockholm University	Department of Physics								
Arkady Shehter (S)	C		Los Alamos National Laboratory	LANL MPA-MAGLAB								
Lu Li (S)	PI		University of Michigan	Physics	DOE	BES – Basic Energy Sciences	DE-SC0020184	**P19627**	Search for novel electronic, magnetic, and thermal properties in intense magnetic fields	Condensed Matter Physics	8	49.75
Aaron Chan (G)	C		University of Michigan	Department of Physics	NSF	DMR - Division of Materials Research	DMR2004288					
Kuan-Wen Chen (P)	C		University of Michigan	Physics								
Kaila Jenkins (G)	C		University of Michigan	Department of Physics								
David Mandrus (S)	C		University of Tennessee, Knoxville	Materials Science and Engineering								
Yuji Matsuda (S)	C		Kyoto University	Physics								
Dmitri Mihaliov (G)	C		University of Michigan	Applied Physics								
Emilia Morosan (S)	C		Rice University	Physics and Astronomy								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Dechen Zhang (G)	C	University of Michigan	Department of Physics								
Guoxin Zheng (G)	C	University of Michigan	Department of Physics								
Yuan Zhu (G)	C	University of Michigan	Department of Physics								
Dragana Popovic (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Science / Experimental	NSF	DMR - Division of Materials Research	DMR1707785	**P19628**	Electrical Transport Studies of Quasi-Two-Dimensional Strongly Correlated Materials	Condensed Matter Physics	7	50.82
Bernd Buechner (S)	C	Technical University of Dresden	Institute for Solid State Research	NSF	DMR - Division of Materials Research	DMR2104193					
Martin Dressel (S)	C	University of Stuttgart	1. Physikalisches Institut								
Masaki Fujita (S)	C	Tohoku University IMR	Materials Property Division								
Jun Sik Lee (S)	C	SLAC National Accelerator Laboratory									
Bal Pokharel (G)	C	National High Magnetic Field Laboratory	Physics								
Andrej Pustogow (P)	C	University of California, Los Angeles	Physics and Astronomy								
Takao Sasagawa (S)	C	Tokyo Institute of Technology	Materials and Structures Laboratory								
Takanori Taniguchi (S)	C	Tohoku University IMR	Materials Property Division								
Olesia Voloshyna (P)	C	Technical University of Dresden	Institute for Solid State Research								
Yuxin Wang (G)	C	Florida State University	CMS								
MacMillan Wheeler (G)	C	American Superconductor	Physics								
Zhenzhong Shi (S)	PI	Soochow University	School of Physical Science and Technology & Institute for Advanced Study	Soochow University	Non US College and University		**P19630**	Studies of Thermal Transport Properties of cuprates in High Magnetic Field	Condensed Matter Physics	2	14
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Bal Pokharel (G)	C	National High Magnetic Field Laboratory	Physics								
Dragana Popovic (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science / Experimental								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Youcheng Wang (P)	C	National High Magnetic Field Laboratory	NHMFL								
Yuxin Wang (G)	C	Florida State University	CMS								
Ziming Wu (G)	C	Soochow University	School of Physical Science and Technology & Institute for Advanced Study								
Xavier Roy (S)	PI	Columbia University	Chemistry	DOE	BES – Basic Energy Sciences	DE-SC0019443	**P19632**	Magnetic Order and Correlated Electronic Phenomena in Novel 2D van der Waals Materials	Chemistry	3	18.25
Aravind Devarakonda (P)	C	Columbia University	Physics								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Sae Young Han (G)	C	Columbia University	Chemistry								
Elena Meirzadeh (P)	C	Columbia University	Chemistry								
Victoria Posey (G)	C	Columbia University	Chemistry								
Evan Telford (G)	C	Columbia University	Physics								
Michael Ziebel (P)	C	Columbia University	Chemistry and Physics								
Yasu Takano (S)	PI	University of Florida	Physics	No other support			**P19638**	Calorimetric and magnetic studies of quantum spin liquid candidates	Condensed Matter Physics	2	15
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Matthew Cothrine (G)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
Yanbo Guo (G)	C	University of Florida	Physics								
Xinzhe Hu (G)	C	University of Florida	Physics								
Guangxin Ni (S)	PI	Florida State University	Physics	DOE	BES – Basic Energy Sciences	100792	**P19684**	Exploring the nature of 2D twistronics under photon excitations	Condensed Matter Physics	1	8
James Ehrets (G)	C	Harvard University	Physics								
Zeyu Hao (G)	C	Harvard University	Physics								
Philip Kim (S)	C	Harvard University	Department of Physics								
Andrew Zimmerman (P)	C	Harvard University	Physics								
Ziling Xue (S)	PI	University of Tennessee, Knoxville	Chemistry	NSF	CHE - Chemistry	CHE2055499	**P19694**	Probing Molecular Magnetism by Far-IR	Chemistry	2	20

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Alexandria Bone (G)	C		University of Tennessee, Knoxville	Chemistry					and Raman Magneto-Spectroscopies			
Adiat Fakolujo (G)	C		University of Tennessee, Knoxville	Chemistry								
Adam Hand (G)	C		University of Tennessee, Knoxville	Chemistry								
Michael Jenkins (G)	C		University of Tennessee, Knoxville	Chemistry								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Pagnareach Tin (G)	C		University of Tennessee, Knoxville	Chemistry								
Tyrel McQueen (S)	PI	*	Johns Hopkins University	Chemistry and Physics and Astronomy	DOE	BES – Basic Energy Sciences	Co-design Center for Quantum Advantage	**P19695**	Magnetization studies of pyrochlores simulated by quantum annealing	Condensed Matter Physics	2	14
Shannon Bernier (G)	C		Johns Hopkins University	Chemistry	David and Lucile Packard Foundation	Other						
Andrew King (S)	C		D-Wave Systems Inc	Performance Research								
Mykhaylo Ozerov (S)	PI		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS	No other support			**P19696**	Far-Infrared magneto-spectroscopy at DC-facility, NHMFL: New developments, tests and optimization of experimental protocols	Condensed Matter Physics	4	26.4
George Nolas (S)	PI		University of South Florida	Department of Physics	NSF	DMR - Division of Materials Research	DMR1748188	**P19700**	Investigation of transport and potential topological complexity in GdTe1.8 using high magnetic field	Condensed Matter Physics	1	7
Jorge Galeano Cabral (G)	C		Florida State University	College of Engineering								
Kaya Wei (P)	C		National High Magnetic Field Laboratory	CMS								
Jiun-Haw Chu (S)	PI		University of Washington	Physics	DOE	EFRC - Energy Frontier Research Centers	635930	**P19709**	Probing Lifshitz transitions in Magnetic topological materials	Condensed Matter Physics	3	13.59
Jonathan DeStefano (G)	C		University of Washington	Physics	DOD	US Air Force						
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field CMS								
Chaowei Hu (G)	C		University of California, Los Angeles	Department of Physics and Astronomy								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Qianni Jiang (G)	C	University of Washington	Physics								
Paul Malinowski (G)	C	University of Washington	Physics								
Elliott Rosenberg (G)	C	Stanford University	Applied Physics								
Yue Shi (G)	C	University of Washington	MSE								
Seng Huat Lee (S)	PI	Pennsylvania State University	Physics	NSF	MIP - Materials Innovation Platform	DMR-1539916	**P19710**	Seeking for Exotic Quantum State in Intrinsic Ferromagnetic Topological Insulator MnBi6Te10	Condensed Matter Physics	2	10.69
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS	NSF	MIP - Materials Innovation Platform	DMR-2039351					
Yingdong Guan (G)	C	Pennsylvania State University	Physics Department								
Zhiqiang Mao (S)	C	Pennsylvania State University	Department of Physics								
Jun Zhu (S)	C	Pennsylvania State University	Physics								
Yanglin Zhu (G)	C	Tulane University	Department of Physics and Engineering Physics								
Denis Karaiskaj (S)	PI	University of South Florida	Physics	NSF	ECCS - Electrical, Communications, and Cyber Systems	ECCS1952957	**P19712**	Electronic and spin dynamics of materials at very high magnetic fields explored with coherent multidimensional spectroscopy	Condensed Matter Physics	1	5.12
Arup Barua (G)	C	University of South Florida	Physics								
David Hilton (S)	C	University of Alabama, Birmingham	Physics								
Samuel Langelund Carerra (G)	C	University of South Florida	Physics								
Hengzhou Liu (G)	C	University of South Florida	Physics								
Varun Mapara (G)	C	University of South Florida	Physics								
Nathanael Fortune (S)	PI	Smith College	Department of Physics	No other support			**P19714**	thermodynamic studies of novel quantum materials as a function of magnetic field strength and orientation	Condensed Matter Physics	2	12.48
Yanbo Guo (G)	C	University of Florida	Physics								
Scott Hannahs (S)	C	National High Magnetic Field Laboratory	Instrumentation								
Tyrel McQueen (S)	C	Johns Hopkins University	Chemistry and Physics and Astronomy								
Joyce Palmer-Fortune (S)	C	Smith College	Physics								
Lily Phillips (U)	C	Smith College	Physics								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Arthur Ramirez (S)	C	University of California, Santa Cruz	Physics								
Grant Roll (U)	C	Smith College	Physics								
Yasu Takano (S)	C	University of Florida	Physics								
Jiaqiang Yan (S)	C	Oak Ridge National Laboratory	Materials Science and Technology Division								
Ryan Baumbach (S)	PI	National High Magnetic Field Laboratory	CMS	NSF	DMR - Division of Materials Research	DMR1904361	**P19716**	Investigation of Fermi Surface Topography in the Topological Metals (Ti,Zr,Hf)2Te2(P,As)	Condensed Matter Physics	1	5.54
Keke Feng (G)	C	Florida State University	Physics								
Jorge Galeano Cabral (G)	C	Florida State University	College of Engineering								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Olatunde Oladehin (G)	C	Florida State University	Physics								
Benny Schundelmier (G)	C	Florida State University	Physics								
Kaya Wei (P)	C	National High Magnetic Field Laboratory	CMS								
Minhyea Lee (S)	PI	University of Colorado, Boulder	Physics	DOE	BES – Basic Energy Sciences	DE-SC0021377	**P19717**	Investigating thermal transport properties in strong spin-orbit coupled systems	Condensed Matter Physics	3	21
Gang Cao (S)	C	University of Colorado, Boulder	Department of Physics.								
Sarah Jones (U)	C	Colorado School of Mines	Physics								
Ian Leahy (G)	C	University of Colorado, Boulder	Physics								
Blake Lee (G)	C	University of Colorado, Boulder	Physics								
Christopher Pocs (G)	C	University of Colorado, Boulder	Physics								
Jie Xing (P)	C	University of South Carolina	Department of physics and astronomy								
Chun Hung Lui (S)	PI	University of California, Riverside	Physics	NSF	DMR - Division of Materials Research	DMR1945660	**P19723**	Exploring novel correlated states in 2D materials and moiré superlattices	Condensed Matter Physics	1	7
Ao Shi (G)	C	University of California, Riverside	Physics and Astronomy	American Chemical Society Petroleum Research Fund	Other	61640-ND6					
Matthew Wilson (G)	C	University of California, Riverside	Physics and Astronomy								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Suchitra Sebastian (S) Jessica Chapman (G) Alex Eaton (S) David Graf (S) Nicholas Popiel (G) Gilles Rodway-Gant (U)	PI C C C C C	University of Cambridge University of Cambridge University of Cambridge National High Magnetic Field Laboratory University of Cambridge University of Cambridge	Physics Physics Physics DC Field CMS Physics Cavendish Laboratory	European research council European Research Council	Non US Council Other		**P19724**	Quantum Oscillations in an Unconventional Insulator	Condensed Matter Physics	2	12.79
Dmitry Smirnov (S) Mykhaylo Ozerov (S) Dmitry Semenov (T) Komalavalli Thirunavukkuarasu (S) Li Xiang (P)	PI C C C	National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory Florida Agricultural and Mechanical University National High Magnetic Field Laboratory	Instrumentation & Operations Condensed Matter Science, DC Field CMS DC Field Physics DC field	DOE	BES – Basic Energy Sciences	DE-FG02-07ER46451	**P19727**	Testing new probes and techniques for high-field optical magnetospectroscopy	Condensed Matter Physics	1	14
Charles Agosta (S) Raju Ghimire (G) Brett Laramee (G) John Schlueter (S)	PI C C C	Clark University Clark University Clark University Argonne National Laboratory	Department of Physics Physics Physics Materials Science	NSF	DMR - Division of Materials Research	DMR1905950	**P19729**	Search for Inhomogeneous Superconductivity using field and angular sweeps.	Condensed Matter Physics	1	7
Michael Shatruk (S) Ian Campbell (G) Judith Clark (G) Govind Sasi Kumar (G)	PI C C C	National High Magnetic Field Laboratory Florida State University Florida State University Florida State University	Department of Chemistry and Biochemistry Chemistry and Biochemistry Chemistry and Biochemistry Chemistry and Biochemistry	NSF	DMR - Division of Materials Research	DMR1905499	**P19737**	Investigation of Magnetic Properties of Liquid-Exfoliated 2D Materials	Development of Magnet Technology	4	27
Theo Siegrist (S) Masoud Mardani (G)	PI C	National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Chemical and Biomedical Engineering CMS	No other support			**P19750**	Investigating the origin of various magnetic anomalies in EuPd2-xAxSi2-yBy series	Condensed Matter Physics	1	7

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Shivani Sharma (P)	C		Brookhaven National Laboratory	NSLS-2								
Ayyalusamy Ramamoorthy (S)	PI		University of Michigan	Chemistry & Biophysics	NIH	NIGMS - National Institute of General Medical Sciences	GM351395	**P19766**	Measurement of 17O Residual Quadrupolar Couplings in Small Molecules Using Lipid Nanodiscs	Chemistry	1	4
Riqiang Fu (S)	C		National High Magnetic Field Laboratory	NMR								
Sam McCalpin (G)	C		University of Michigan	Chemistry								
Rongfu Zhang (P)	C		National High Magnetic Field Laboratory	NHMFL								
Ulrich Welp (S)	PI		Argonne National Laboratory	Materials Science Division	DOE	BES – Basic Energy Sciences	W-31-109-ENG-38	**P19781**	Exploring the Fermi surface topology of Kagome lattice superconductors AV3Sb3 (A = K, Rb, Cs) under high magnetic field	Condensed Matter Physics	1	5.42
Ramakanta Chapai (P)	C		Argonne National Laboratory	Materials Science Division								
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field CMS								
Wai-Kwong Kwok (S)	C		Argonne National Laboratory	MSD 223 C129								
Douglas Natelson (S)	PI	*	Rice University	Physics and Astronomy	DOE	BES – Basic Energy Sciences	DE-FG02-06ER46337	**P19795**	Shot noise in the field-enhanced normal state of cuprate tunnel junctions	Condensed Matter Physics	1	7
Ivan Bozovic (S)	C		Brookhaven National Laboratory	Condensed Matter and Materials Science								
Liyang Chen (G)	C		Rice University	Physics and Astronomy								
Jan Jaroszynski (S)	C		National High Magnetic Field Laboratory	CMS								
Dale Lowder (G)	C		Rice University	Physics and Astronomy								
Chetan Dhital (S)	PI		Kennesaw State University	Physics	No other support			**P19797**	Investigation of magnetic and electrical transport properties of non-centrosymmetric rare earth magnets.	Condensed Matter Physics	1	7
Kaveh Ahadi (S)	PI	*	North Carolina State University	Materials Science and Engineering	NCSU Startup funding NC State University FRPD fund	Other		**P19812**	Revealing hidden orders in a 2D superconductor	Condensed Matter Physics	2	14
Athby Al-Tawhid (P)	C		North Carolina State University	MSE								
Shalinee Chikara (S)	C		National High Magnetic Field Laboratory	CMS, DC Field Facility								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Samuel Poage (G)	C	North Carolina State University	Materials Science Engineering								
Martin Nikolo (S)	PI	Saint Louis University	Physics	Saint Louis University			**P19816**	Investigation of high magnetic field properties of Kondo insulators via torque magnetometry	Condensed Matter Physics	1	7
Aakash Gupta (G)	C	Florida State University	Physics								
Guangxin Ni (S)	C	Florida State University	Physics								
Sheng Ran (S)	C	Washington University in St. Louis	Physics								
Kaitai Xiao (G)	C	National High Magnetic Field Laboratory	CMS								
Chiara Tarantini (S)	PI	National High Magnetic Field Laboratory	Applied Superconductivity Center	DOE	HEP – High Energy Physics	DE-SC0012083	**P19818**	Characterization of Nb3Sn wires with improved high-field performance	Condensed Matter Physics	1	5.21
Shreyas Balachandran (P)	C	Florida State University	Applied Superconductivity Center								
David Larbalestier (S)	C	National High Magnetic Field Laboratory	ASC								
Peter Lee (S)	C	Florida State University	Applied Superconductivity Center								
Nawaraj Paudel (G)	C	Florida State University	Physics								
William Starch (O)	C	Florida State University	Applied Superconductivity Center								
Rongying Jin (S)	PI	University of South Carolina	Department of Physics and Astronomy	No other support			**P19819**	Quantum behavior in a topological material candidate	Condensed Matter Physics	1	7
Joanna Blawat (G)	C	University of South Carolina	Physics and Astronomy								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Jie Xing (P)	C	University of South Carolina	Department of physics and astronomy								
Brian Maple (S)	PI	University of California, San Diego	Inst for Pure & Applied Physical Sciences	DOE	BES – Basic Energy Sciences	DEFG02-04-ER46105	**P19821**	Magnetostriction of URu2-xFexSi2 in High Magnetic Fields	Condensed Matter Physics	1	4
Alexander Breindel (G)	C	University of California, San Diego	Physics	NSF	DMR - Division of Materials Research	DMR1810310					
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								

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Camilla Moir (P) William Peria (P) Naveen Pouse (G) Sheng Ran (S)	C C C		University of California, San Diego Los Alamos National Laboratory University of California, San Diego Washington University in St. Louis	Physics MPA-MAGLAB Physics Physics								
Hans-Conrad zur Loye (S)	PI	*	University of South Carolina	Chemistry and Biochemistry	DOE	BES – Basic Energy Sciences	DE-SC0018739	**P19830**	Magnetic Susceptibility of Uranium Platinum Group Sulfides	Chemistry	1	8
Brandon Sorbom (S) JL Cheng (S) Rui Diaz-Pacheco (S) Aliya Greenberg (S) Jan Jaroszynski (S) JP Muncks (S) Aixia Xu (O)	PI C C C C C C	*	Commonwealth Fusion Systems Commonwealth Fusion Systems Commonwealth Fusion Systems Commonwealth Fusion Systems National High Magnetic Field Laboratory Commonwealth Fusion Systems Florida State University	Research & Development Research & Development Research & Development Research & Development CMS Manufacturing ASC	Commonwealth Fusion Systems			**P19831**	Angularly Resolved Critical Current Characterization of REBCO High Temperature Superconductors for High-Field Fusion Magnets	Development of Magnet Technology	1	5.87
Jake Ayres (P) Sven Friedemann (S) Roemer Hinlopen (G) Nigel Hussey (S)	PI C C C	*	University of Bristol University of Bristol University of Bristol University of Bristol	Physics Department of Physics Physics H.H. Wills Physics Laboratory	EPSRC - Engineering and Physical Sciences Research Council	Non US Council	EP/T517872/1	**P19833**	Delineating nematic and magnetic quantum criticality in Fe(S, Se)	Condensed Matter Physics	1	4.88
Mansour Shayegan (S) Adbhut Gupta (P) Siddharth Kumar Singh (G) Pranav Thekke Madathil (G)	PI C C C		Princeton University Princeton University Princeton University Princeton University	Department of Electrical Engineering Electrical and Computer Engineering Electrical Engineering Electrical Engineering	NSF DOE	DMR - Division of Materials Research BES – Basic Energy Sciences	DMR2104771 DEFG02-00-ER45841	**P19835**	Search for valley skyrmions at Landau level filling factor 1/3 in high-quality AlAs quantum wells	Condensed Matter Physics	2	20

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Chengyu Wang (G)	C	Princeton University	Electrical and Computer Engineering								
Elizabeth Green (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Science	NSF	DMR - Division of Materials Research	DMR2105191	**P19842**	NMR Knight Shift of spin triplet superconductor UTe2 in high magnetic field	Condensed Matter Physics	2	11
Nicholas Butch (S)	C	National Institute of Standards and Technology MD	NIST Center for Neutron Research	NIST	US Government Lab						
Corey Frank (P)	C	National Institute of Standards and Technology MD	NCNR								
Sylvia Lewin (P)	C	University of Maryland, College Park	physics								
Sheng Ran (S)	C	Washington University in St. Louis	Physics								
Gicela Saucedo Salas (G)	C	University of Maryland, College Park	Physics								
Sunil Karna (S)	PI	Norfolk State University	Physics Department	NSF	DMR - Division of Materials Research	DMR1832031	**P19847**	Investigation of quantum oscillations in chiral Mn1/3NbS2	Condensed Matter Physics	1	7
Kevin Allen (U)	C	Norfolk State University	Physics Department								
Terence Baker (G)	C	Norfolk State University	Physics Department								
Orrin Clarke Delgado (G)	C	Norfolk State University	Physics Department								
Layla Smith (U)	C	Norfolk State University	Physics								
Doyle Temple (S)	C	Norfolk State University	Physics Department								
Zhehong Gan (S)	PI	National High Magnetic Field Laboratory	NHMFL	No other support			**P19856**	Development and implementation of solid-state NMR methods at high magnetic fields	Chemistry	1	5
William Brey (S)	C	National High Magnetic Field Laboratory	NMR								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Ilya Litvak (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Wenping Mao (P)	C	National High Magnetic Field Laboratory	NMR								
Robert Schurko (S)	C	Florida State University	Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Yijue Xu (P)	C	National High Magnetic Field Laboratory	solid-state NMR								
Jeffrey Schiano (S)	PI	Pennsylvania State University	Electrical Engineering	NIH	NIGMS - National Institute of General Medical Sciences	GM122698	**P19858**	Flux Regulation for Powered Magnets	Engineering	2	6
William Brey (S)	C	National High Magnetic Field Laboratory	NMR								
Ilya Litvak (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Waroch Tangbampensountorn (G)	C	Pennsylvania State University	Electrical Engineering								
Fernando Luis de Araujo Machado (S)	PI	Federal University of Pernambuco	Departamento de Física	FACEPE	Other		**P19862**	Giant magnetoresistance in.YCd6	Condensed Matter Physics	1	5.46
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment	CNPq	Other						
Brian Casas (P)	C	National High Magnetic Field Laboratory	Condensed Matter Sciences								
Fernando Luis de Araujo Machado (S)	C	Federal University of Pernambuco	Departamento de Física								
David Mandrus (S)	PI	University of Tennessee, Knoxville	Materials Science and Engineering	Gordon and Betty Moore Foundation	US Foundation	GBMF9069	**P19874**	Thermal transport properties of Ho2RhIn8	Condensed Matter Physics	1	21
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Shirin Mozaffari (P)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
Sabyasachi Sen (S)	PI	University of California, Davis	Chemical Engineering and Materials Science	NSF	DMR - Division of Materials Research	DMR1855176	**P19876**	High-Field NMR Investigation of the Structural Evolution during Nucleation in Glass-Ceramics: Towards an Atomistic Understanding	Engineering	3	13
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Bing Yuan (G)	C	University of California, Davis	Engineering								
Robert Schurko (S)	PI	Florida State University	Chemistry	Florida State University	US College and University	Startup	**P19885**	Multinuclear Solid-State NMR of	Chemistry	3	13

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Christer Aakeroy (S)	C	Kansas State University	Chemistry and Biochemistry					Quadrupolar Nuclei in Active Pharmaceutical Ingredients: New Pathways for the Characterization of Polymorphs, Hydrates, Cocrystals, and Dosage Forms			
Louae Abdulla (G)	C	University of Windsor	Chemistry								
Adam Altenhof (G)	C	Florida State University	Chemistry and Biochemistry								
Tomislav Friscic (S)	C	McGill University	Chemistry								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
James Harper (S)	C	Brigham Young University (BYU)	Chemistry and Biochemistry								
Sean Holmes (P)	C	Florida State University	Chemistry and Biochemistry								
James Hook (S)	C	University of New South Wales	Chemistry								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Robbie Iuliucci (S)	C	Washington and Jefferson College	Chemistry								
James Kimball (G)	C	Florida State University	Chemistry								
Austin Peach (G)	C	Florida State University	Chemistry and Biochemistry								
Jeremy Rawson (S)	C	University of Windsor	Department of Chemistry and Biochemistry								
Jasmin Schoenzart (G)	C	Florida State University	Chemistry and Biochemistry								
Robert Smith (G)	C	Florida State University	Chemistry and Biochemistry								
Cameron Vojvodin (G)	C	Florida State University	Chemistry and Biochemistry								
Lara Watanabe (G)	C	University of Windsor	Chemistry and Biochemistry								
Emilia Morosan (S)	PI	Rice University	Physics and Astronomy	NSF	DMR - Division of Materials Research	DMR1903741	**P19894**	High magnetic field resistivity and angle dependent magnetization in EuGa4	Condensed Matter Physics	1	2.7
Kevin Allen (G)	C	Rice University	Physics and Astronomy								
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Theo Siegrist (S)	PI	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering	No other support			**P19906**	Magnetic properties of EuPd1.8Ni0.2Si2, EuPd1.6Ni0.4Si2, EuPd2Si1.8Ge0.2 and EuPd2Si1.6Ge0.4	Condensed Matter Physics	1	7
Masoud Mardani (G)	C	National High Magnetic Field Laboratory	CMS								

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Shivani Sharma (P)	C		Brookhaven National Laboratory	NSLS-2								
Scott Dietrich (S)	PI	*	Villanova University	Physics	NSF	DMR - Division of Materials Research	DMR1943389	**P19917**	Microwave spectroscopy of van der Waals heterostructures	Condensed Matter Physics	2	14
Arash Akbari-Sharbaf (P)	C		Villanova University	Physics								
Christopher Barns (U)	C		West Chester University	Physics								
Lloyd Engel (S)	C		National High Magnetic Field Laboratory	CMS								
Matthew Freeman (G)	C		National High Magnetic Field Laboratory	Condensed Matter Science								
Minhyea Lee (S)	PI		University of Colorado, Boulder	Physics	DOE	BES – Basic Energy Sciences	DE-SC0021377	**P19922**	Investigation of the crystal electric field effects in rare earth magnets	Condensed Matter Physics	1	6
Zhigang Jiang (S)	C		Georgia Institute of Technology	School of Physics								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Dmitry Smirnov (S)	C		National High Magnetic Field Laboratory	Instrumentation & Operations								
Li Xiang (P)	C		National High Magnetic Field Laboratory	DC field								
Jie Xing (P)	C		University of South Carolina	Department of physics and astronomy								
Martin Kirk (S)	PI		University of New Mexico	Department of Chemistry	DOE	BES – Basic Energy Sciences	DE-SC0020199	**P19926**	Magneto-photoluminescence and Magneto-vibrational Studies of Exchange-Coupled Systems	Chemistry	1	7
Caroline Mangione (G)	C		University of New Mexico	Chemistry and Chemical Biology								
Joshua Mengel (G)	C		University of New Mexico	Chemistry and Chemical Biology								
Paul Miller (G)	C		North Carolina State University	Chemistry								
David Shultz (S)	C		North Carolina State University	Chemistry								
Fazel Tafti (S)	PI		Boston College	Physics	DOD	US Air Force	FA2386-21-1-4059	**P19927**	Chiral Crystals at the Extreme Quantum Limit	Condensed Matter Physics	2	12.14
Eun Sang Choi (S)	C		National High Magnetic Field Laboratory	Physics Department								
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field CMS								
Xiaohan Yao (G)	C		Boston College	Physics								

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Cedomir Petrovic (S)	PI		Brookhaven National Laboratory	Condensed Matter Physics	DOE	BES – Basic Energy Sciences	DE-SC0012704	**P19928**	Pressure-induced structural changes in two-dimensional van der Waals materials	Condensed Matter Physics	1	7
Shuzhang Chen (G)	C		Brookhaven National Laboratory	Condensed Matter Physics								
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field CMS								
Zhixiang Hu (G)	C		Brookhaven National Laboratory	Condensed Matter Physics								
Nicholas Chilton (S)	PI	*	University of Manchester	Department of Chemistry	European Research Council		ERC-2019-STG-851504	**P19930**	FIRMS measurements on an air-stable single-molecule magnet	Development of Magnet Technology	1	7
Stephen Hill (S)	C		National High Magnetic Field Laboratory	EMR								
Stuart Langley (S)	C		Manchester Metropolitan University	Chemistry								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Yasmin Whyatt (G)	C		University of Manchester	Chemistry								
Huiqiu Yuan (S)	PI		Zhejiang University	Physics Department	The National Natural Science Foundation of China	Non US Foundation	12034017	**P19932**	High field study of quantum critical heavy fermion ferromagnet CeRh6Ge4	Condensed Matter Physics	1	5.17
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field CMS								
Yanen Huang (G)	C		Zhejiang University	Center for Correlated Matter and Department of Physics								
Luis Jauregui (S)	PI	*	University of California, Irvine	Department of Physics and Astronomy	NSF	DMR - Division of Materials Research	DMR2146567	**P19933**	Magnetotransport of gate-tunable van der Waals topological heterostructures	Condensed Matter Physics	3	21
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field CMS	NSF	MRSEC - Materials Research Science and Engineering Centers	Seed funds					
Jinyu Liu (P)	C		University of California, Irvine	Department of Physics and Astronomy								
Robert Welser (G)	C		University of California, Irvine	Department of Physics and Astronomy								
Sanfeng Wu (S)	PI		Princeton University	Department of Physics	NSF	DMR - Division of Materials Research	DMR1942942	**P19936**	Correlated Quantum Matter in the Two-		1	6

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Yanyu Jia (G) Pengjie Wang (P) Guo Yu (G)	C C C	Princeton University Princeton University Princeton University	Physics Department of Physics Physics	NSF DOD	DMR - Division of Materials Research ONR - Office of Naval Research	DMR2011750 N00014-21-1-2804		Dimensional WTe2 Systems	Condensed Matter Physics		
Rongying Jin (S) Jie Xing (P)	PI C	University of South Carolina University of South Carolina	Department of Physics and Astronomy Department of physics and astronomy	No other support			**P19937**	Frustrated magnetism in rare-earth triangular lattice materials	Condensed Matter Physics	1	8
Jian Liu (S) Eun Sang Choi (S) Chengkun Xing (G) Weiliang Yao (P)	PI C C C	University of Tennessee, Knoxville National High Magnetic Field Laboratory University of Tennessee, Knoxville University of Tennessee, Knoxville	Physics Physics Department Physics Physics	DOE	BES – Basic Energy Sciences	DE-SC0020254	**P19938**	Emergent magnetotransport phenomena of geometrically frustrated heterostructures	Condensed Matter Physics	2	14
Long Ju (S) Tonghang Han (G) Zhengguang Lu (P)	PI * C C	Massachusetts Institute of Technology Massachusetts Institute of Technology Massachusetts Institute of Technology	Physics Physics Physics	NSF	DMR - Division of Materials Research	DMR1231319	**P19939**	Electron Correlation in A Rhombohedral Trilayer Graphene/hBN Moiré Superlattice	Condensed Matter Physics	2	15
David Larbalestier (S) Dmytro Abraimov (S) Griffin Bradford (O) Ashleigh Francis (T) Jan Jaroszynski (S) Fumitake Kametani (P)	PI C C C C C	National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	ASC The Applied Superconductivity Center Applied Superconductivity Center ASC CMS ASC	DOE	FES - Office of Fusion Energy Sciences	DE-SC0022011	**P19940**	Torque magnetometry study of the full field, angle, and temperature dependence of the critical current density in ReBCO Coated Conductors in relation to their pinning center arrays	Development of Magnet Technology	1	2.57

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Jonathan Lee (G)	C		National High Magnetic Field Laboratory	Applied Superconductivity Center								
Aixia Xu (O)	C		Florida State University	ASC								
Alex Eaton (S)	PI	*	University of Cambridge	Physics	EPSRC UK	Non US Council		**P19943**	High magnetic field study of a spin-triplet superconductor candidate	Condensed Matter Physics	3	16.16
Alex Hickey (G)	C		University of Cambridge	Department of Physics								
Mijail Mancera (G)	C		University of Cambridge	Physics								
Nicholas Popiel (G)	C		University of Cambridge	Physics								
Michal Valiska (S)	C		Charles University, Prague, Czechia	Physics								
Zheyu Wu (G)	C		University of Cambridge	Department of Physics								
Sufei Shi (S)	PI		Rensselaer Polytechnic Institute	Chemical and Biological Engineering	NSF	DMR - Division of Materials Research	DMR1945420	**P19944**	Magneto-optical Spectroscopy of Correlated Physics in Semiconducting Moiré Superlattices	Condensed Matter Physics	2	20
Xiaotong Chen (P)	C		Rensselaer Polytechnic Institute	Chemical and Biological Engineering								
Lei Ma (G)	C		Rensselaer Polytechnic Institute	Chemical and Biological Engineering								
Yuze Meng (P)	C		Rensselaer Polytechnic Institute	Chemical and Biological Engineering								
Dmitry Smirnov (S)	C		National High Magnetic Field Laboratory	Instrumentation & Operations								
Li Xiang (P)	C		National High Magnetic Field Laboratory	DC field								
Li Yan (G)	C		Rensselaer Polytechnic Institute	Chemical engineering								
Yasuyuki Nakajima (S)	PI		University of Central Florida	Physics	NSF	DMR - Division of Materials Research	DMR1944975	**P19948**	Transport and magnetic properties of novel quantum phases of matter associated with flat bands	Condensed Matter Physics	1	5.44
Eun Sang Choi (S)	C		National High Magnetic Field Laboratory	Physics Department								
Charuni Dissanayake (G)	C		University of Central Florida	Physics								
Kapila Kumarasinghe (G)	C		University of Central Florida	Physics								
Suchitra Sebastian (S)	PI		University of Cambridge	Physics	UCGP			**P19950**	Phase diagram of a Correlated Insulator		1	4.43

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS						Condensed Matter Physics		
Nicholas Popiel (G)	C	University of Cambridge	Physics								
Gilles Rodway-Gant (U)	C	University of Cambridge	Cavendish Laboratory								
Geetha Balakrishnan (S)	PI	University of Warwick	Physics	European Research Council	Non US Council		**P19951**	Quantum Oscillations in New Families of Correlated Insulators	Condensed Matter Physics	1	5.64
Nicholas Popiel (G)	C	University of Cambridge	Physics								
Gilles Rodway-Gant (U)	C	University of Cambridge	Cavendish Laboratory								
Suchitra Sebastian (S)	C	University of Cambridge	Physics								
Alexey Suslov (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Science	No other support			**P19953**	Improvement of the ultrasonic techniques at the DC field facility: 2022	Condensed Matter Physics	3	21
Robert Nowell (T)	C	National High Magnetic Field Laboratory	DC User Support								
Jak Chakhalian (S)	PI	Rutgers University	physics	Gordon and Betty Moore Foundation	Other		**P19954**	Magnetotransport study on Weyl semimetal pyrochlore iridate thin films	Condensed Matter Physics	2	21
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Michael Terilli (G)	C	Rutgers University	Physics								
Tsung-Chi Wu (G)	C	Rutgers University	Physics								
Christianne Beekman (S)	PI	National High Magnetic Field Laboratory	Physics	NSF	DMR - Division of Materials Research	DMR1847887	**P19955**	Study of the Magneto-elastic Coupling in Thin Films and Bulk Samples of Frustrated Magnets	Condensed Matter Physics	4	32
Bijay DC (G)	C	Florida State University	Physics								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Sangsoo Kim (G)	C	Florida State University	Physics								
Luis Sánchez-Muñoz (S)	PI *	Consejo Superior de Investigaciones Científicas	Geology	No other support			**P19961**	27Al MAS NMR spectra at 1.5 GHz in alkali feldspars	Chemistry	1	4
Pierre Florian (S)	C	French National Center for Scientific Research	CEMTHI								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Yuanzheng Yue (S)	PI	*	Aalborg University	Department of Chemistry and Bioscience	The Independent Research Fund Denmark	Other	1026-00318B	**P19967**	Probing the local structure of metal-organic frameworks via high field NMR	Development of Magnet Technology	1	4
Zhehong Gan (S)	C		National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C		National High Magnetic Field Laboratory	CIMAR/NMR								
Olivier Lafon (S)	PI		University of Lille	Chemical Engineering	CNRS	Non US Government Lab		**P19969**	67Zn and 33S NMR of ZnS and ZnS/ZnO nanocrystals at 35.2 T	Chemistry	1	4
Yannick Coppel (S)	C		French National Center for Scientific Research	LCC								
Myrtil Kahn (S)	C		French National Center for Scientific Research	LCC								
Hiroki Nagashima (S)	C		National Institute of Advanced Industrial Science and Technology	Interdisciplinary Research Center for Catalytic Chemistry								
Julien Trebosc (S)	C		University of Lille	Unite de Catalyse et de Chimie du Solide								
Adam Fiedler (S)	PI		Marquette University	Chemistry	NSF	CHE - Chemistry	CHE1900562	**P19970**	Elucidating the Magnetic and Electronic Features of High-Symmetry Fe(II) and Co(II) Complexes	Chemistry	1	3
Jurek Krzystek (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science								
Andrew Ozarowski (S)	C		National High Magnetic Field Laboratory	EMR								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Daniel SantaLucia (P)	C		Max Planck Institute for Chemical Energy Conversion, Muelheim	Molecular Theory and Spectroscopy								
Joshua Telser (S)	C		Roosevelt University	Biological, Physical and Health Sciences								
David Bryce (S)	PI		University of Ottawa	Department of Chemistry and Biomolecular Sciences	Natural Sciences and Engineering Research Council Canada	Non US Council		**P19976**	Rhenium-185-187 Solid-State NMR Investigation of Non-Covalent Matere Bonds	Chemistry	2	8
Riqiang Fu (S)	C		National High Magnetic Field Laboratory	NMR								
Zhehong Gan (S)	C		National High Magnetic Field Laboratory	NHMFL								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Yijue Xu (P)	C		National High Magnetic Field Laboratory	solid-state NMR								
Sunil Karna (S)	PI		Norfolk State University	Physics Department	NSF	DMR - Division of Materials Research	DMR1832031	**P19978**	Magnetic susceptibility and magnetization measurements of chiral Mn1/3NbS2	Condensed Matter Physics	2	14
Orrin Clarke Delgado (G)	C		Norfolk State University	Physics Department								
Leroy Salary (S)	C		Norfolk State University	Physics Department								
Doyle Temple (S)	C		Norfolk State University	Physics Department								
Xinhua Peng (S)	PI	*	University of Science and Technology of China	Physics	NIH	NIGMS - National Institute of General Medical Sciences	GM122698	**P19983**	New 17O NMR method for protein channel water study	Biology, Biochemistry, Biophysics	1	4
Tim Cross (S)	C		National High Magnetic Field Laboratory	NHMFL/Chemistry & Biochemistry								
Riqiang Fu (S)	C		National High Magnetic Field Laboratory	NMR								
Rongfu Zhang (P)	C		National High Magnetic Field Laboratory	NHMFL								
Michelle Jamer (S)	PI	*	U.S. Naval Academy	Physics	NSF	DMR - Division of Materials Research	DMR1904446	**P20004**	Understanding metallic behavior in Fe3Ga4 under application of pressure	Development of Magnet Technology	1	7
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field CMS								
Anand Bhattacharya (S)	PI		Argonne National Laboratory	Materials Science Division & Center for Nanoscale Materials	DOE	BES – Basic Energy Sciences	PRJ100081	**P20006**	Upper critical field measurements of superconducting KTaO3 interfaces	Biology, Biochemistry, Biophysics	1	7
Qianheng Du (P)	C		Argonne National Laboratory	Materials Science Division								
Changjiang Liu (S)	C		State University of New York at Buffalo	Physics								
Alexey Suslov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science								
Junyi Yang (G)	C		University of Tennessee, Knoxville	Physics and Astronomy								
Wei Pan (S)	PI		Sandia National Laboratories	Semiconductor Devices and Science	DOE	LDRD - Laboratory Directed R&D	DE-NA00-03	**P20027**	Electronic transport and optical studies of semiconductor artificial quantum materials	Condensed Matter Physics	1	7
Chetan Dhital (S)	PI		Kennesaw State University	Physics	NSF	DMR - Division of Materials Research	DMR2213443	**P20032**			1	5.59

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
August Meads (U) Brady Wilson (U)	C C	Kennesaw State University Kennesaw State University	Physics Physics					Study of quantum oscillations in flat band Kagome metals.	Condensed Matter Physics		
Sergei Zvyagin (S) David Graf (S) Yoshimitsu Kohama (S) Hidekazu Tanaka (S) Joachim Wosnitza (S)	PI C C C C	Helmholtz Zentrum Dresden-Rossendorf National High Magnetic Field Laboratory University of Tokyo Tokyo Institute of Technology Helmholtz Zentrum Dresden-Rossendorf	Dresden High Magnetic Field Laboratory DC Field CMS Institute for Solid State Physics (ISSP) Physics Dresden High Magnetic Field Laboratory (HLD)	SFB 1143	Other		**P20035**	Frustration and competing interactions in quantum antiferromagnets	Condensed Matter Physics	2	13.02
John Durrell (S) David Cardwell (S) Eric Hellstrom (S) Jan Jaroszynski (S)	PI C C C	University of Cambridge University of Cambridge National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Engineering Department Engineering Department Applied Superconductivity Center CMS	Boeing EPSRC	 Non US Council		**P20036**	High Field Trapping in Hybrid Reinforced Bulk Superconductors	Material Science	1	5.13
Sheng Ran (S) Christopher Broyles (G) Eun Sang Choi (S) David Graf (S) Martin Nikolo (S) Hasan Siddiquee (P)	PI C C C C C	Washington University in St. Louis Washington University in St. Louis National High Magnetic Field Laboratory National High Magnetic Field Laboratory Saint Louis University Washington University in St. Louis	Physics Physics Physics Department DC Field CMS Physics Physics	Washington University in St. Louis	US College and University		**P20040**	Physics properties of odd parity superconductors in high magnetic fields	Condensed Matter Physics	1	7
Mansour Shayegan (S) Casey Calhoun (G)	PI C	Princeton University Princeton University	Department of Electrical Engineering Electrical and Computer Engineering	NSF DOE	DMR - Division of Materials Research BES – Basic Energy Sciences	DMR2104771 DEFG02-00-ER45841	**P20041**	Role of layer thickness on enhancement of spin susceptibility of an interacting 2DES	Condensed Matter Physics	1	7

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Adbhut Gupta (P)	C		Princeton University	Electrical and Computer Engineering								
Siddharth Kumar Singh (G)	C		Princeton University	Electrical Engineering								
Chia-Tse Tai (G)	C		Princeton University	Electrical and Computer Engineering								
Pranav Thekke Madathil (G)	C		Princeton University	Electrical Engineering								
Chengyu Wang (G)	C		Princeton University	Electrical and Computer Engineering								
John Anderson (S)	PI	*	University of Chicago	Chemistry	DOD	ARO - Army Research Office		**P20043**	Physical Property Studies on Sulfur-based Coordination Polymers	Chemistry	1	7
Ningxin Jiang (P)	C		University of Chicago	Chemistry	DOE	BES – Basic Energy Sciences	DE-SC0019215					
Jia Li (S)	PI		Brown University	Department of Physics	NSF	DMR - Division of Materials Research	DMR2143384	**P20045**	Nematicity, nonreciprocity, and their interplay in a moire flatband	Condensed Matter Physics	1	7
Jiangxiazi Lin (G)	C		Hong Kong University of Science and Technology	Center for Quantum materials								
Naiyuan Zhang (G)	C		Brown University	Department of Physics								
Suguru Yoshida (S)	PI	*	Pennsylvania State University	Materials Research Institute	NSF	MIP - Materials Innovation Platform	DMR-2039351	**P20047**	High-Entropy Engineering of the Valley Electronic Structure in a Three-Dimensional Dirac Semimetal	Condensed Matter Physics	1	5.36
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field CMS								
Yingdong Guan (G)	C		Pennsylvania State University	Physics Department								
Seng Huat Lee (S)	C		Pennsylvania State University	Physics								
Subin Mali (G)	C		Pennsylvania State University	Physics								
Zhiqiang Mao (S)	C		Pennsylvania State University	Department of Physics								
Venkat Selvamanickam (S)	PI		University of Houston	Mechanical Engineering	DOE	SBIR - Small Business Innovation Research	DE-SC0020717	**P20049**	Critical current characterization of STAR® REBCO wires at 4.2 K and very high magnetic fields	Development of Magnet Technology	1	4.78
Eduard Galstyan (S)	C		University of Houston	Texas Center for Superconductivity								
Bhabesh Sarangi (G)	C		University of Houston	Material Science and Engineering								
Mykhaylo Ozerov (S)	PI		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS	No other support			**P20053**	Probing crystal electric field in lanthanide-based	Chemistry	1	7

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Talal Mallah (S)	C		University of Paris-Sud	ICMMO					qubits and functional molecules by high-field optical magneto spectroscopy			
Julia Chan (S)	PI	*	Baylor University	Chemistry and Biochemistry	NSF	DMR - Division of Materials Research	DMR2209804	**P20085**	Characterization of Highly Correlated f-Electron Systems	Chemistry	1	21
Luis Balicas (S)	C		National High Magnetic Field Laboratory	Condensed Matter Experiment	Welch	Other	AT-2056-20210327					
Ryan Baumbach (S)	C		National High Magnetic Field Laboratory	CMS								
Moises Bravo (G)	C		Baylor University	Chemistry and Biochemistry								
Alexis Dominguez (G)	C		Baylor University	Chemistry and Biochemistry								
Kaya Wei (P)	C		National High Magnetic Field Laboratory	CMS								
Chetan Dhital (S)	PI		Kennesaw State University	Physics	NSF	DMR - Division of Materials Research	DMR2213443	**P20090**	Investigation of topological magnetic textures in non-centrosymmetric oxides	Condensed Matter Physics	1	7
August Meads (U)	C		Kennesaw State University	Physics								
Brady Wilson (U)	C		Kennesaw State University	Physics								
Alexey Suslov (S)	PI		National High Magnetic Field Laboratory	Condensed Matter Science	No other support			**P20091**	Tests of X-ray instrumentation in cell 5	Condensed Matter Physics	1	0.06
Alexey Kovalev (S)	C		National High Magnetic Field Laboratory	CMS								
Masoud Mardani (G)	C		National High Magnetic Field Laboratory	CMS								
Dmitry Semenov (T)	C		National High Magnetic Field Laboratory	DC Field								
Theo Siegrist (S)	C		National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
Alexander Forse (S)	PI	*	University of Cambridge	Chemistry	Leverhulme Trust	Non US Foundation		**P20101**	17O NMR studies of CO2 capture mechanism in hydroxide-based materials	Chemistry	1	4
Suzi Pugh (P)	C		University of Cambridge	Dr								
Benjamin Rhodes (G)	C		University of Cambridge	Chemistry								
Shivani Sharma (P)	PI	*	Brookhaven National Laboratory	NSLS-2	No other support			**P20103**	Investigating the nature of various transition in	Condensed Matter Physics	1	7

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Kaya Wei (P)	C	National High Magnetic Field Laboratory	CMS					Ge.5Mn.5Co2O4 using heat capacity			
Luis Balicas (S) Brian Casas (P) Alex Moon (G)	PI C C	National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Condensed Matter Experiment Condensed Matter Sciences Condensed Matter	DOE	BES – Basic Energy Sciences	DE-SC0002613	**P20119**	Understanding the topological spin textures in the magnetic topological semi-metallic candidates Fe3GeTe2 and Fe5GeTe2	Condensed Matter Physics	1	14
								Total Proposals:		**Experiments:**	**Days:**
								156		**288**	**1,882.70**

EMR Facility

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Lucio Frydman (S)	PI	National High Magnetic Field Laboratory	NMR	No other support	**P17754**	Three-Spins Solution State DNP	Biology, Biochemistry, Biophysics	1	4
Adewale Akinfaderin (G)	C	Florida State University	Physics						
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR						
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR						
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR						
Murari Soundararajan (P)	C	National High Magnetic Field Laboratory	CIMAR, NMR						
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR						
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR						
Michael Nippe (S)	PI	Texas A&M University	Chemistry	NSF CHE - Chemistry CHE1753014	**P17842**	Exploring Magnetic Coupling and Spin Relaxation in Ln-[1]metallocenophane Compounds using High-Field and Pulsed EPR spectroscopy	Chemistry	1	6
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR						
Trevor Latendresse (G)	C	Texas A&M University	Chemistry						
Jonathan Marbey (G)	C	National High Magnetic Field Laboratory	EMR						
Sandrine Heutz (S)	PI	Imperial College London	London Centre for Nanotechnology	No other support	**P18041**	Molecular magnetic superstructures	Chemistry	1	3
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR						
Daphné Lubert-Perquel (P)	C	University of Florida	Physics						
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR						
Jianyuan Zhang (S)	PI	Rutgers University	Chemistry and Chemical Biology	No other support	**P18049**	A Route to Molecular Quantum Technologies Using Endohedral Metallofullerenes	Chemistry	2	29
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR						

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Manoj Vinayaka Hanabe Subramanya (G)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR								
Jonathan Marbey (G)	C	National High Magnetic Field Laboratory	EMR								
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR								
Jamie Manson (S)	PI	Eastern Washington University	Chemistry and Biochemistry	NSF	DMR - Division of Materials Research	DMR2104167	**P19143**	Determining phase diagrams in bespoke S = 1 Ni(II) quantum magnets	Condensed Matter Physics	1	8.5
Paul Goddard (S)	C	University of Warwick	Department of Physics								
Zachary Manson (T)	C	Eastern Washington University	Chemistry and Biochemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Danna Freedman (S)	PI	Northwestern University	Chemistry	DOE	BES – Basic Energy Sciences	DE-SC0019356	**P19174**	Optically Addressable Molecular Qubits	Chemistry	2	11
Rianna Greer (G)	C	Massachusetts Institute of Technology	Chemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Michael Wojnar (P)	C	Northwestern University	Chemistry								
Dmytro Nesterov (P)	PI	Technical University of Lisbon	Chemistry Department	FCT - Fundação para a Ciência e Tecnologia (Portugal)	Non US Foundation		**P19177**	Magnetic Properties and EPR spectroscopy of Tetranuclear Copper Complexes	Chemistry	6	26
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
George Christou (S)	PI	University of Florida	Chemistry	DOE	EFRC - Energy Frontier Research Centers	DE-SC0019330	**P19185**	High-Field EPR Studies of Exchange Coupling Within Single-Molecule Magnet Oligomers	Chemistry	4	24
ChristiAnna Brantley (G)	C	University of Florida	Chemistry								
Alexander Diodati (G)	C	University of Florida	Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Tuhin Ghosh (P)	C	University of Florida	Department of Chemistry						
Ashlyn Hale (P)	C	University of Florida	Chemistry						
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR						
Daphné Lubert-Perquel (P)	C	University of Florida	Physics						
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR						
Xiaoling Wang (S)	C	California State University, East Bay	Chemistry						
Johan van Tol (S)	PI	National High Magnetic Field Laboratory	EMR	No other support	**P19207**	Testing and Maintenance	Condensed Matter Physics	1	4
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR						
Frederic Mentink (S)	PI	National High Magnetic Field Laboratory	CIMAR	No other support	**P19241**	Improving biradicals for MAS-DNP at high field: a combined approach of Spin-Dynamics theory, DFT and high-field EPR	Chemistry	2	11
Manoj Vinayaka Hanabe Subramanya (G)	C	Florida State University	Physics						
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR						
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR						
Likai Song (S)	PI	National High Magnetic Field Laboratory	EMR	No other support	**P19282**	Instrument Development and Maintenance	Development of Magnet Technology	4	99
Brittany Grimm (G)	C	Florida State University	Physics						
Manoj Vinayaka Hanabe Subramanya (G)	C	Florida State University	Physics						
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR						
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR						
Linda Doerrer (S)	PI	Boston University	Chemistry Department	NSF CHE - Chemistry CHE1800313	**P19306**	A Unique {Mn6} Cluster with Axial Symmetry as a Single-Molecule Magnet Candidate	Chemistry	3	12
Shawn Moore (G)	C	Boston University	Chemistry						
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR						

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Stergios Piligkos (S) Christian Buch (G) Stephen Hill (S) Jonathan Marbey (G) Johan van Tol (S)	PI C C C C	University of Copenhagen University of Copenhagen National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Department of Chemistry Chemistry EMR EMR EMR	No other support			**P19318**	Pulsed EPR of Yb(trensal) based quantum gates	Development of Magnet Technology	2	8
Kirill Kovnir (S) Yao Abusa (G) Eranga Gamage (G) Andrew Ozarowski (S)	PI C C C	Iowa State University Iowa State University Iowa State University National High Magnetic Field Laboratory	Chemistry Chemistry Chemistry EMR	Iowa State University	US College and University		**P19330**	EPR investigation of Cr2Se2 dimer	Chemistry	2	9
Albert Stiegman (S) Jurek Krzystek (S) Nathan Peek (G) Susannah Scott (S)	PI C C C	Florida State University National High Magnetic Field Laboratory Florida State University (FSU) University of California, Santa Barbara	Chemistry Condensed Matter Science Chemistry and Biochemistry Chemical Engineering	DOE	BES – Basic Energy Sciences	DE-FG-02-03ER15467	**P19345**	Characterization of the active sites in the Phillip's ethylene polymerization catalyst with EPR spectroscopy	Chemistry	2	6
Jurek Krzystek (S) Thierry Dubroca (S) Songi Han (S) Stephen Hill (S) Bradley Price (G) Elvin Salerno (P)	PI C C C C C	National High Magnetic Field Laboratory National High Magnetic Field Laboratory University of California, Santa Barbara National High Magnetic Field Laboratory University of California, Santa Barbara National High Magnetic Field Laboratory	Condensed Matter Science EMR Department of Chemistry and Biochemistry EMR Physics EMR	No other support			**P19369**	Development of high-resolution THz EPR spectrometer based on the series-connected hybrid	Development of Magnet Technology	3	11.5

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Mark Sherwin (S)	C	University of California, Santa Barbara	Physics								
Bianca Trociewitz (T)	C	National High Magnetic Field Laboratory	EMR								
Xiaoling Wang (S)	C	California State University, East Bay	Chemistry								
Geoffrey Strouse (S)	PI	National High Magnetic Field Laboratory	Chemistry	NSF	DMR - Division of Materials Research	DMR1905757	**P19372**	Multinuclear solid-state NMR investigation of plasmonic and photoluminescent nanocrystals	Chemistry	4	14
Rajarshi Acharyya (G)	C	Florida State University	Chemistry and Biochemistry								
Adam Altenhof (G)	C	Florida State University	Chemistry and Biochemistry								
Nhat Nguyen Bui (P)	C	National High Magnetic Field Laboratory	CMS								
Carl Conti (G)	C	Florida State University	Chemistry & Biochemistry								
Catherine Fabiano (G)	C	Florida State University	Chemistry								
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Fabiola Gonzalez (G)	C	Florida State University	Chemistry and Biochemistry								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Jason Kuszynski (G)	C	Florida State University	Chemistry & Biochemistry								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Raul Ortega (G)	C	Florida State University	Chemistry & Biochemistry								
Anant Paravastu (S)	C	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering								
Robert Schurko (S)	C	Florida State University	Chemistry								
Robert Smith (G)	C	National High Magnetic Field Laboratory									
Robert Smith (G)	C	Florida State University	Chemistry and Biochemistry								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Likai Song (S)	C		National High Magnetic Field Laboratory	EMR								
Janet Tests (S)	C		Columbia University	Chemistry								
Cameron Vojvodin (G)	C		Florida State University	Chemistry and Biochemistry								
Zhigang Jiang (S)	PI		Georgia Institute of Technology	School of Physics	DOE	BES – Basic Energy Sciences	DE-FG02-07ER46451	**P19401**	Magneto-infrared Spectroscopy Study of Emerging Topological Materials with Layered Structures	Condensed Matter Physics	1	7
Andrew Ozarowski (S)	C		National High Magnetic Field Laboratory	EMR								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Dmitry Smirnov (S)	C		National High Magnetic Field Laboratory	Instrumentation & Operations								
Li Xiang (P)	C		National High Magnetic Field Laboratory	DC field								
Tianhao Zhao (G)	C		Georgia Institute of Technology	School of Physics								
Stuart Brown (S)	PI	*	University of California, Los Angeles	Department of Physics and Astronomy	NSF	DMR - Division of Materials Research	DMR2004553	**P19422**	High field studies of the frustrated quantum antiferromagnets k-(ET)2Cu2(CN)3, k-(ET)2Hg(SCN)2Cl	Condensed Matter Physics	1	5
Stephen Hill (S)	C		National High Magnetic Field Laboratory	EMR								
Teresa Le (G)	C		University of California, Los Angeles	Physics and Astronomy								
Andrej Pustogow (P)	C		University of California, Los Angeles	Physics and Astronomy								
Arneil Reyes (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science								
John Schlueter (S)	C		Argonne National Laboratory	Materials Science								
Johan van Tol (S)	C		National High Magnetic Field Laboratory	EMR								
Michael Shatruk (S)	PI		National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry	No other support			**P19472**	EPR Investigation of Lantanide Complexes as Potential Hosts for Clock Transitions and Molecular Qubits	Development of Magnet Technology	5	27
Shubham Bisht (G)	C		Florida State University	Chemistry and Biochemistry								
ChristiAnna Brantley (G)	C		University of Florida	Chemistry								
Miguel Gakiya (G)	C		Florida State University	Chemistry and Biochemistry								

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Manoj Vinayaka Hanabe Subramanya (G)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Ulrich Kortz (S)	C	Jacobs University	School of Engineering and Science								
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR								
Daphné Lubert-Perquel (P)	C	University of Florida	Physics								
Gia Rivers (U)	C	Florida State University	Chemistry and Biochemistry								
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR								
Robert Stewart (G)	C	Florida State University	Physics								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Enrique Colacio (S)	PI	University of Granada	Inorganic Chemistry	No other support			**P19485**	High-frequency and -field EPR and FIRMS of prismatic trigonal Co(II) and pentagonal bipyramidal Dy(III) SIMs complexes	Chemistry	2	7
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Andrew Ozarowski (S)	PI	National High Magnetic Field Laboratory	EMR	No other support			**P19505**	Calibration and Maintenance of the 15/17 T EPR Instrument	Development of Magnet Technology	1	10.5
Jeffrey Long (S)	PI	University of California, Berkeley	Chemistry	NSF	CHE - Chemistry	CHE2102603	**P19520**	Hard Permanent Magnetism from Mixed-Valence Dilanthanide Complexes with Metal-Metal Bonding	Chemistry	3	11.5
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Jakub Hruby (P)	C	National High Magnetic Field Laboratory	EMR								
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR								
Hyunchul Kwon (G)	C	University of California, Berkeley	Chemistry								
Danh Ngo (G)	C	University of California, Berkeley	Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Aaron Rossini (S)	PI	Iowa State University	Chemistry	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1916809	**P19606**	High-Field Solid-State NMR of Heterogeneous Catalysts and Inorganic Materials	Chemistry	2	7
Scott Carnahan (G)	C	Iowa State University	Chemistry								
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR								
Joseph Zadrozny (S)	PI	Colorado State University	Chemistry	NSF	CAREER - Faculty Early Career Development Program	2047325	**P19618**	High-Field/Frequency Spin Relaxation Phenomena in Metal Complexes	Chemistry	3	17
Manoj Vinayaka Hanabe Subramanya (G)	C	Florida State University	Physics	Research Corporation for Scientific Advancement	US Foundation	27663					
Cassidy Jackson (G)	C	Colorado State University	Chemistry	Research Corporation for Scientific Advancement	US Foundation						
Roxanna Martinez (G)	C	Colorado State University	Chemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Okten Ungor (P)	C	Colorado State University	Chemistry								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Ziling Xue (S)	PI	University of Tennessee, Knoxville	Chemistry	NSF	CHE - Chemistry	CHE2055499	**P19694**	Probing Molecular Magnetism by Far-IR and Raman Magneto-Spectroscopies	Chemistry	3	10
Alexandria Bone (G)	C	University of Tennessee, Knoxville	Chemistry								
Adam Hand (G)	C	University of Tennessee, Knoxville	Chemistry								
Michael Jenkins (G)	C	University of Tennessee, Knoxville	Chemistry								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Pagnareach Tin (G)	C	University of Tennessee, Knoxville	Chemistry								
Chandrasekhar Ramanathan (S)	PI	Dartmouth College	Physics and Astronomy	NSF	OIA - Office of Integrative Activities	1921199	**P19697**	Spectral diffusion of electron spins in semiconductors at high magnetic field	Condensed Matter Physics	1	12
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR	NSF	DMR - Division of Materials Research	DMR1747426					
Ethan Williams (G)	C	Dartmouth College	Department of Physics and Astronomy								
Gary Guillet (S)	PI *	Georgia Southern University	Chemistry	No other support			**P19703**	Investigating the magnetic anisotropy of triiron extended metal atom chain	Chemistry	1	4
Kathleen Arpin (U)	C	Georgia Southern University	Chemistry								
Rodolphe Clérac (S)	C	Centre de Recherche Paul Pascal	CNRS								
Brittany Grimm (G)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Daphné Lubert-Perquel (P)	C	University of Florida	Physics								
Polly Arnold (S)	PI	University of California, Berkeley	Chemistry	DOE	BES – Basic Energy Sciences	DE-AC02-05CH11231	**P19738**	Electronic structure of new f-block molecular qubits	Chemistry	2	10
Jakub Hruby (P)	C	National High Magnetic Field Laboratory	EMR								
Amy Kynman (G)	C	University of California, Berkeley	Chemistry								
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR								
Sebastian Stoian (S)	PI	University of Idaho	Chemistry	University of Idaho	US College and University		**P19784**	Elucidating the Electronic Structure and Magnetic Ordering of Extended Chains Incorporating Co(II) and Fe(II) Ions	Chemistry	2	26
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Kyle Seabourn (G)	C	University of Idaho	Chemistry								
Adam Valaydon-Pillay (G)	C	University of Idaho	Chemistry								
Christopher Bardeen (S)	PI *	University of California, Riverside	Chemistry	NSF	CHE - Chemistry	CHE1800187	**P19789**	Stable Photo-Patterned Crystalline Arylnitrenes with Potential Applications in Quantum Information Science	Chemistry	4	18
Thomas Gately (G)	C	University of California, Riverside	Chemistry	NSF	PHY - Physics	PHY1839153					
Manoj Vinayaka Hanabe Subramanya (G)	C	Florida State University	Physics								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Srinivasa Rao Singamaneni (S)	PI	University of Texas, El Paso	Physics	NSF	DMR - Division of Materials Research	DMR2105109	**P19791**	Magnetic Correlations and Anisotropy in Layered quasi-2D van der Waals Magnets: A VeryHigh Frequency Electron Paramagnetic Resonance Study	Condensed Matter Physics	4	13
Cedomir Petrovic (S)	C	Brookhaven National Laboratory	Condensed Matter Physics								
Fazel Tafti (S)	C	Boston College	Physics								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Eric Breynaert (S)	PI *	Catholic University Leuven	M2S	FWO Vlaanderen	Other	G083318N	**P19796**	NMR for Convergence Research with focus on Nanoporous materials, Molecular Water Science, Energy and Food and Health Science	Chemistry	1	4
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Eric Gale (S)	PI	Massachusetts General Hospital	Radiology	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK120663	**P19823**	Mechanisms of High-Spin Fe(III) Nuclear Magnetic Relaxation	Chemistry	2	6
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR								
Hannah Shafaat (S)	C	Ohio State University	Chemistry and Biochemistry								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Denis Karaiskaj (S)	PI *	University of South Florida	Physics	DOD	DARPA - Defense Advanced Research Projects Agency		**P19859**	Using the hyperfine impurity transitions of isotopically enriched silicon for time keeping.	Biology, Biochemistry, Biophysics	1	2
Muralee Murugesu (S)	PI *	University of Ottawa	Chemistry	Canada Foundation for Innovation	Non US Foundation		**P19896**	EPR Investigation of low coordinate bis(silylamide) Ln2+/3+ Complexes	Development of Magnet Technology	4	22.5
Dyaln Errulat (G)	C	University of Ottawa	Chemistry								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Jakub Hruby (P)	C		National High Magnetic Field Laboratory	EMR								
Niki Mavragani (G)	C		University of Ottawa	Chemistry and Biomolecular Sciences								
Elvin Salerno (P)	C		National High Magnetic Field Laboratory	EMR								
Johan van Tol (S)	C		National High Magnetic Field Laboratory	EMR								
Deepshikha Jaiswal-Nagar (S)	PI	*	IISER Thiruvananthapuram	Physics	IISER Thiruvananthapuram	Non US Government Lab		**P19914**	ESR study of field-induced quantum phase transition in a 1D spin ½ Heisenberg antiferromagnet C12H14CuN4O5	Condensed Matter Physics	1	2
Athira Suresh (G)	C		IISER Thiruvananthapuram	Physics								
Johan van Tol (S)	C		National High Magnetic Field Laboratory	EMR								
Nicholas Chilton (S)	PI	*	University of Manchester	Department of Chemistry	European Research Council		ERC-2019-STG-851504	**P19930**	FIRMS measurements on an air-stable single-molecule magnet	Development of Magnet Technology	1	6
Wei-Hao Chou (G)	C		Florida State University	Physics								
Stephen Hill (S)	C		National High Magnetic Field Laboratory	EMR								
Stuart Langley (S)	C		Manchester Metropolitan University	Chemistry								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Yasmin Whyatt (G)	C		University of Manchester	Chemistry								
Petr Neugebauer (S)	PI	*	Brno University of Technology	Central European Institute of Technology	Central European Institute of Technology	Other	21-20716X	**P19968**	High frequency pulsed EPR experiments on paramagnetic systems for DNP applications	Condensed Matter Physics	3	19.5
Thierry Dubroca (S)	C		National High Magnetic Field Laboratory	EMR								
Jan Dubský (G)	C		Brno University of Technology	Central European Institute of Technology								
Oleksii Laguta (P)	C		Brno University of Technology	Central European Institute of Technology								
Andriy Marko (P)	C		Brno University of Technology	CEITEC								
Johan van Tol (S)	C		National High Magnetic Field Laboratory	EMR								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Adam Fiedler (S)	PI	Marquette University	Chemistry	NSF	CHE - Chemistry	CHE1900562	**P19970**	Elucidating the Magnetic and Electronic Features of High-Symmetry Fe(II) and Co(II) Complexes	Chemistry	2	13
Laxmi Devkota (G)	C	Marquette University	Chemistry								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Daniel SantaLucia (P)	C	Max Planck Institute for Chemical Energy Conversion, Muelheim	Molecular Theory and Spectroscopy								
Joshua Telser (S)	C	Roosevelt University	Biological, Physical and Health Sciences								
Stefan Stoll (S)	PI	University of Washington	Chemistry	Canada Research Coordinating Committee	Other Non US Federal Agency		**P20000**	Mechanism and active-site structure of an unusual manganese-dependent enzyme	Biology, Biochemistry, Biophysics	1	4
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Jennifer Shepherd (S)	C	Gonzaga University	Chemistry								
Rachelle Stowell (G)	C	University of Washington	Chemistry								
Michael Nippe (S)	PI	Texas A&M University	Chemistry	DOE	EERE - Energy Efficiency and Renewable Energy	DE-EE0019330	**P20005**	Exploring Magnetic Coupling and Spin Relaxation Times in Ln-[1]metallocenophane Compounds using High-Field and Pulsed EPR Spectroscopy	Development of Magnet Technology	1	4
Trevor Latendresse (G)	C	Texas A&M University	Chemistry								
Robert Stewart (G)	C	Florida State University	Physics								
Gaël Ung (S)	PI *	University of Connecticut	Chemistry	DOE	QIS - Quantum Information Science	DE-SC0020260	**P20015**	Optical and electronic structural investigations of a chiral Yb3+ compound	Biology, Biochemistry, Biophysics	4	21.33
Anitha Alanthadka (P)	C	University of Nevada Reno	Department of Chemistry	DOE	BES – Basic Energy Sciences	DE-SC0020260					
Miguel Gakiya (G)	C	Florida State University	Chemistry and Biochemistry								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Stephen McGill (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Michael Shatruk (S)	C		National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry								
Johan van Tol (S)	C		National High Magnetic Field Laboratory	EMR								
Enrique del Barco (S)	PI		University of Central Florida	Physics	DOD	US Air Force	FA9550-19-1-0307	**P20018**	Optically Driven Spin Dynamics in Antiferromagnets for Coherent THz Oscillators	Condensed Matter Physics	1	12
Michael Chini (S)	C		University of Central Florida	Physics								
Gregory Fritjofson (G)	C		University of Central Florida	Physics								
Jacob Hanson-Flores (G)	C		University of Central Florida	Physics								
David Lederman (S)	C		University of California, Santa Cruz	Physics								
Johan van Tol (S)	C		National High Magnetic Field Laboratory	EMR								
Robert Griffin (S)	PI		Massachusetts Institute of Technology	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM132997	**P20068**	High field pulsed DNP	Chemistry	1	13
Thierry Dubroca (S)	C		National High Magnetic Field Laboratory	EMR								
Yifu Ouyang (G)	C		Massachusetts Institute of Technology	Chemistry								
Yifan Quan (P)	C		Massachusetts Institute of Technology	Francis Bitter Magnet Laboratory								
Robert Comito (S)	PI	*	University of Houston	Chemistry	University of Houston	US College and University		**P20069**	High Field EPR Spectroscopy of a Series of Dinuclear Vanadium Complexes Containing both Oxygen- and Nitrogen-based Bridging Ligands	Chemistry	1	1.83
Andrew Ozarowski (S)	C		National High Magnetic Field Laboratory	EMR	Welch Foundation	US Foundation	E-1983–20190330					
Maxym Tansky (G)	C		University of Houston	Chemistry								
Joshua Telser (S)	C		Roosevelt University	Biological, Physical and Health Sciences								
Natia Frank (S)	PI	*	University of Nevada Reno	Chemistry	NSF	CHE - Chemistry	CHE1956301	**P20070**	EPR Investigation of Optically Gated Spin State Switching in Photochromic Cobalt Dioxolenes for Quantum Information Science	Chemistry	2	11
Anitha Alanthadka (P)	C		University of Nevada Reno	Department of Chemistry								
Subrata Ghosh (P)	C		University of Nevada Reno	Chemistry								
Brittany Grimm (G)	C		Florida State University	Physics								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Stephen Hill (S) Elvin Salerno (P) Johan van Tol (S)	C C C		National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	EMR EMR EMR								
Michael Jensen (S) Jurek Krzystek (S) Andrew Ozarowski (S) Javad Shokraiyan (G) Joshua Telser (S)	PI C C C C	* 	Ohio University National High Magnetic Field Laboratory National High Magnetic Field Laboratory Ohio University Roosevelt University	Chemistry & Biochemistry Condensed Matter Science EMR Chemistry and Biochemistry Biological, Physical and Health Sciences	No other support			**P20071**	High-Frequency and -Field EPR Spectroscopy of High-Spin, Pseudo-tetrahedral Nickel(II)–Phenylchalcogenide Complexes	Biology, Biochemistry, Biophysics	1	0.83
Daniel Mindiola (S) Mehrafshan Jafari (G) Jurek Krzystek (S) Andrew Ozarowski (S) Joshua Telser (S)	PI C C C C	* 	University of Pennsylvania University of Pennsylvania National High Magnetic Field Laboratory National High Magnetic Field Laboratory Roosevelt University	Chemistry Chemistry Condensed Matter Science EMR Biological, Physical and Health Sciences	NSF	CHE - Chemistry	CHE2154620	**P20072**	Applying High-Frequency and -Field EPR Spectroscopy of High-Spin First Row Transition Metal Ions that Hold Relevance as Catalysts for Cyclic Polymers	Chemistry	1	5.5
Xiaoling Wang (S) Manoj Vinayaka Hanabe Subramanya (G) Brenden Ortiz (P) Andrew Ozarowski (S) Paul Sarte (P)	PI C C C C	* 	California State University, East Bay Florida State University University of California, Santa Barbara National High Magnetic Field Laboratory University of California, Santa Barbara	Chemistry Physics Material Science EMR Materials/California NanoSystems Institute	DOE DOE	BES – Basic Energy Sciences MSE - Materials Science and Engineering	DE-SC0017752 DE-SC0017752	**P20077**	Investigation of Magnetic Properties of Quantum Spin Ice Candidates using High Field EPR	Condensed Matter Physics	4	22
Alina Bienko (S)	PI		University of Wroclaw	Faculty of Chemistry	Wroclaw University, Poland	Non US College and University		**P20080**	Toward "better" molecular magnets.	Chemistry	1	0.5

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Andrew Ozarowski (S) Mykhaylo Ozerov (S)	C C		National High Magnetic Field Laboratory National High Magnetic Field Laboratory	EMR Condensed Matter Science, DC Field CMS					Correlation between structure and magnetic anisotropy.			
Frédéric Perras (S) Thierry Dubroca (S)	PI C	*	Ames Laboratory National High Magnetic Field Laboratory	Chemical and Biological Sciences EMR	DOE	BES – Basic Energy Sciences	DE-AC02-07CH11358	**P20092**	Low-Temperature EPR Relaxometry of a Methyl-Driven Overhauser MAS-DNP Polarizing Agent	Chemistry	1	3
Hans Jurgen von Bardeleben (S) Johan van Tol (S)	PI C	*	Sorbonne University National High Magnetic Field Laboratory	INSP EMR	No other support			**P20096**	Magnetic resonance study of the gallium vacancy in beta-Ga2O3	Condensed Matter Physics	1	5
Vincent Pecoraro (S) Manoj Vinayaka Hanabe Subramanya (G) Stephen Hill (S) Timothée Lathion (P) Elvin Salerno (P)	PI C C C C	*	University of Michigan Florida State University National High Magnetic Field Laboratory University of Michigan National High Magnetic Field Laboratory	Chemistry Physics EMR Chemistry EMR	DOE	BES – Basic Energy Sciences	DE-SC0020260	**P20120**	Pulsed microwave resonance studies of a pure Gd2 molecular dimeric crystal towards arbitrary inter spin control	Chemistry	1	11
Johan van Tol (S) Elvin Salerno (P)	PI C		National High Magnetic Field Laboratory National High Magnetic Field Laboratory	EMR EMR	No other support			**P20140**	Maintenance and testing	Condensed Matter Physics	2	8
George Christou (S) ChristiAnna Brantley (G) Wei-Hao Chou (G) Manoj Vinayaka Hanabe Subramanya (G) Stephen Hill (S) Robert Stewart (G)	PI C C C C C		University of Florida University of Florida Florida State University Florida State University National High Magnetic Field Laboratory Florida State University	Chemistry Chemistry Physics Physics EMR Physics	DOE	EFRC - Energy Frontier Research Centers	DE-SC0019330	**P20172**	EPR Investigation of 3d Transition Metal Complexes as Molecular Qubits	Chemistry	1	12

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
William Evans (S)	PI	*	University of California, Irvine	Department of Chemistry	DOE	BES – Basic Energy Sciences	DE-SC00012738	**P20194**	Investigation of clock transitions in lanthanide-based molecular qubits	Chemistry	1	18
Lauren Anderson-Sanchez (G)	C		University of California, Irvine	Department of Chemistry								
Manoj Vinayaka Hanabe Subramanya (G)	C		Florida State University	Physics								
Stephen Hill (S)	C		National High Magnetic Field Laboratory	EMR								
Jakub Hruby (P)	C		National High Magnetic Field Laboratory	EMR								
Krishnendu Kundu (P)	C		National High Magnetic Field Laboratory	EMR								
									Total Proposals:	**Experiments:**		**Days:**
									57	**116**		**699**

High B/T Facility

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Dominique Laroche (S) Rasul Gazizulin (T) Guillaume Gervais (S) Gregory Labbe (O) John Reno (S) Lucia Steinke (P)	PI C C C C C	University of Florida University of Florida McGill University University of Florida Sandia National Laboratories University of Florida (UF)	Physics Physics Physics department Physics High B/T Facility	UCGP		TBD	**P19332**	Coulomb drag of spin-polarized Luttinger liquids at ultra-low temperatures - UCGP	Condensed Matter Physics	1	29
Collin Broholm (S) Rasul Gazizulin (T) Alireza Ghasemi (G) Chao Huan (P) Gregory Labbe (O)	PI C C C C	Johns Hopkins University University of Florida Johns Hopkins University University of Florida University of Florida	Physics and Astronomy Physics Physics and Astronomy Physics Physics	DOE	BES – Basic Energy Sciences	DE-SC0019331	**P19504**	NaBaYb(BO3)2, spin liquid candidate with triangular lattice	Condensed Matter Physics	1	127
Lucia Steinke (P) Alexander Donald (G) Rasul Gazizulin (T) Suchitra Sebastian (S) Andrew Woods (P)	PI C C C C	University of Florida (UF) University of Florida University of Florida University of Cambridge University of Florida	High B/T Facility Physics Physics Physics Physics	NSF	Other	R000002799	**P19653**	Probing exotic quasiparticles in calorimetric and thermal transport experiments at ultra-low temperatures	Condensed Matter Physics	1	46
Samaresh Guchhait (S) Rasul Gazizulin (T) Chao Huan (P) Gregory Labbe (O) Lucia Steinke (P)	PI * C C C C	Howard University University of Florida University of Florida University of Florida University of Florida (UF)	Physics and Astronomy Physics Physics Physics High B/T Facility	Howard University			**P19768**	Study of Unconventional Superconductivity in Non-Centrosymmetric Materials	Condensed Matter Physics	1	12
Long Ju (S)	PI *	Massachusetts Institute of Technology	Physics	NSF	DMR - Division of Materials Research	DMR1231319	**P19811**	Study of Electron Correlation in 2D Moire Superlattices	Condensed Matter Physics	1	175

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Rasul Gazizulin (T)	C	University of Florida	Physics						
Tianyi Han (P)	C	Massachusetts Institute of Technology	Physics						
Tonghang Han (G)	C	Massachusetts Institute of Technology	Physics						
Gregory Labbe (O)	C	University of Florida	Physics						
Mark Meisel (S)	C	University of Florida	Department of Physics						
Lucia Steinke (P)	C	University of Florida (UF)	High B/T Facility						
						Total Proposals:	**Experiments:**		**Days:**
						5	**5**		**389**

ICR Facility

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Daniel Repeta (S)	PI	Woods Hole Oceanographic Institution	Marine Chemistry	UCGP		227000-520-38653	**P18079**	Molecular speciation of organic nutrients in marine dissolved organic matter	Chemistry	1	10
Marianna Acker (G)	C	Woods Hole Oceanographic Institution	Watson Laboratory	NSF	OCE - Ocean Sciences	OCE1634080					
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	NSF	OCE - Ocean Sciences	OCE1736280					
Benjamin Granzow (G)	C	Woods Hole Oceanographic Institution	Watson Laboratory	Simmons Foun-dation	Other	SCOPE POP 49476					
Jingxuan Li (S)	C	Woods Hole Oceanographic Institution	Watson Laboratory								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Zeljka Popovic (G)	C	Florida State University	Ion Cyclotron Resonance								
Jeramie Adams (S)	PI	University of Wyoming	Transportation Technology	Petroleum			**P18097**	Investigation of Fractionated and Chemically Modified Interfacial Asphaltenes	Biology, Biochemistry, Biophysics	1	1
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Alan Marshall (S)	PI	National High Magnetic Field Laboratory	ICR	NASA		not yet submitted	**P19115**	Organic Chemical Composition of Lunar Soil	Biology, Biochemistry, Biophysics	1	1.83
Greg Blakney (S)	C	National High Magnetic Field Laboratory	ICR								
Joseph Frye (G)	C	National High Magnetic Field Laboratory	CIMAR								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Sarah Johnston (P)	PI	University of Lethbridge	Biological Sciences	NASA		ABoVE Project 14-TE14-0012	**P19190**	The Chemical Composition of Freshwater Zooplankton Dissolved Organic Matter Cycling	Chemistry	1	13.83
Matthew Bogard (S)	C	University of Lethbridge	Biological Sciences	NASA		ABoVE NNX15AU07A					
Kerri Finlay (S)	C	University of Regina	Department of Biology	Delta Stewardship Council Delta Science Program	Other	5298					
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Viji Sitther (S)	PI	Morgan State University	Biology	NSF	CBET - Chemical, Bioengineering Environmental, and Transport Systems	CBET1900966	**P19201**	Excellence in Research: Oxidative stress induced impact of cell-penetrating nanoparticles on cellular constituents	Biology, Biochemistry, Biophysics	1	10

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
AnithaChristy Arumanayagam (T)	C	Methodist Hospital Research Institute	Department of Pathology					in a cyanobacterial model			
Kadir Aslan (T)	C	Morgan State University	Civil Engineering								
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Somayeh Fathabad (T)	C	Morgan State University	Biology Department								
William Ghann (T)	C	Coppin State University	Department of Natural Sciences								
Yuan Lin (G)	C	Florida State University	Department of Chemistry and Biochemistry								
Behnam Tabatabai (G)	C	Morgan State University	Biology								
Jamal Uddin (T)	C	Coppin State University	Department of Natural Sciences								
Dy'mon Walker (T)	C	Morgan State University	Department of Biology								
Alan Marshall (S)	PI	National High Magnetic Field Laboratory	ICR	No other support			**P19213**	Derivatization of carboxylic acid and alcohol functional groups from photo-oxidized petroleum samples	Chemistry	1	1.5
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR								
Joseph Frye (G)	C	National High Magnetic Field Laboratory	CIMAR								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Michael Stukel (S)	PI	Florida State University	Earth, Ocean, and Atmospheric Science	NSF	OCE - Ocean Sciences	OCE1637632	**P19226**	Characterizing alterations in sinking organic matter in the pelagic ocean	Chemistry	3	20.83
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	NSF	OCE - Ocean Sciences	OCE1756610					
Heather Forrer (G)	C	Florida State University	Earth Ocean and Atmospheric Sciences	NSF	OCE - Ocean Sciences	OCE1851347					
Thomas Kelly (G)	C	Florida State University	Earth, Ocean & Atmospheric Sciences	NOAA	Other US Federal Agency	NOAA-NOS-NCCOS-2017-2004875					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Zeljka Popovic (G)	C	Florida State University	Ion Cyclotron Resonance								
Jeffrey Chanton (S)	PI	Florida State University	Department of Earth, Ocean and Atmospheric Science	DOE	Award No. Pending	DE-SC0007144	**P19276**	Characterizing the relationship between peatland temperature stability and DOM composition	Chemistry	2	4
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR	Oak Ridge National Laboratory	DE-AC05-00OR22725	DE-SC0012088					
Rachel Wilson (S)	C	Florida State University	EOAS	DOE	Other						

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	NSF	DEB - Division of Environmental Biology	DEB1145932	**P19289**	Global perspective on the sources, cycling and composition of dissolved organic matter exported from mountain glaciers	Chemistry	4	3.17
Tom Battin (S)	C	Ecole Polytechnique Federale de Lausanne	ENAC IEE SBER	NSF	OCE - Ocean Sciences	OCE1333157					
Vincent De Staerke (T)	C	Ecole Polytechnique Federale de Lausanne	Stream Biofilm and Ecosystem Research Laboratory	NSF	OIA - Office of Integrative Activities	OIA-1757348					
Jason Fellman (S)	C	University of Alaska, Southeast	Environmental Science								
Amy Holt (G)	C	Florida State University	EAOS								
Eran Hood (S)	C	University of Alaska, Southeast	Environmental Science								
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Wenbo Li (G)	C	Florida State University	Earth, Ocean& Atomospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Hannes Peter (S)	C	Ecole Polytechnique Federale de Lausanne	Stream Biofilm and Ecosystem Research Lab								
Martina Schön (T)	C	Ecole Polytechnique Federale de Lausanne	Stream Biofilm and Ecosystem Research Laboratory								
Aron Stubbins (S)	C	Northeastern University	Marine and Environmental Science								
Michael Styllas (P)	C	Ecole Polytechnique Federale de Lausanne	Stream Biofilm and Ecosystem Research Laboratory								
Matteo Tolosano (T)	C	Ecole Polytechnique Federale de Lausanne	Stream Biofilm and Ecosystem Research Laboratory								
Sasha Wagner (P)	C	University of Georgia	Marine Sciences and Oceanography								
Thomas Manning (S)	PI	Valdosta State University	Chemistry	NSF	DUE - Division of Undergraduate Education	DUE1240059	**P19292**	Bryostatin Analysis	Chemistry	1	1
Taylor Glattke (G)	C	Florida State University	ICR								
Sydney Niles (G)	C	National High Magnetic Field Laboratory	Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Jade Phillips (U)	C	Valdosta State University	Chemistry								
Beth Sharpe (U)	C	Valdosta State University	Chemistry								
Núria Catalán (S)	PI	U.S. Geological Survey (USGS)	Water Mission Area	European Comission	Non US Council	H2020-MSCA-IF-2018-839709	**P19310**	CHROME: Linking chemical diversity and reactivity of arctic dissolved organic matter for its integration in Earth system models	Chemistry	1	0.75
Bertrand Guenet (S)	C	French National Center for Scientific Research	Laboratoire des sciences du climat et de l'environnement								
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Ada Pastor (P)	C	Aarhus University	Bioscience-Aquatic Biology								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Kimberly Wickland (S)	C	U.S. Geological Survey	National Research Program								
Apoline Zahorka (U)	C	Ecole Normale Superieure	Geosciences								
Thomas Borch (S)	PI	Colorado State University	Soil and Crop Science	DOE	Other	SC0021349	**P19338**	Forest fire-impacted soil organic matter chemistry	Chemistry	2	3.42
William Bahureksa (G)	C	Colorado State University	Chemistry	DOE	Other	DE-SC0020205					
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	USDA - Department of Agriculture		AFRI 2021-67019034608					
Timothy Fegel (S)	C	USDA Forest Service	Rocky Mountain Research Station	USDA - Department of Agriculture		COL00292D/1020695					
Jim Ippolito (S)	C	Colorado State University	Soil and Crop Sciences	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1512670					
Eugene Kelly (S)	C	Colorado State University	College of Agricultural Sciences	NSF	DEB - Division of Environmental Biology	DEB2114868					
Merritt Logan (G)	C	Colorado State University	Chemistry	USDA – Department of Agriculture		AFRI2021-67019-33726					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR	United States-Israel	Other	2018130					

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
				Binational Science Foundation							
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Amelia Nelson (G)	C	Colorado State University	Soil and Crop Sciences								
Sydney Niles (G)	C	National High Magnetic Field Laboratory	Chemistry								
Charles Rhoades (S)	C	U.S. Department of Agriculture	Rocky Mountain Research Station								
Holly Roth (G)	C	Colorado State University	Chemistry								
Myrna Simpson (S)	C	University of Toronto (Toronto)	2Environmental NMR Centre and Department of Physical & Environmental Sciences								
Nivetha Srikanthan (S)	C	University of Toronto (Toronto)	Environmental NMR Centre and Department of Physical & Environmental Sciences								
Jacob VanderRoest (G)	C	Colorado State University	Chemistry								
Mike Wilkins (S)	C	Colorado State University	College of Agricultural Sciences								
Robert Young (S)	C	New Mexico State University, Main Campus	Chemical Analysis & Instrumentation Laboratory								
Jonathan Sweedler (S)	PI	University of Illinois at Urbana-Champaign	Department of Chemistry	NIH	NHGRI - National Human Genome Research Institute	HG010023	**P19357**	High Resolution MALDI Mass Spectrometry for Single-cell and Subcellular Measurements	Biology, Biochemistry, Biophysics	1	6
Sara Bell (G)	C	University of Illinois at Urbana-Champaign	Department of Chemistry	NIH	NIDA - National Institute on Drug Abuse	DA018310					
Daniel Castro (G)	C	University of Illinois at Urbana-Champaign	Molecular and Integrative Physiology								
Donald Smith (S)	C	National High Magnetic Field Laboratory	ICR								
Karl Smith (P)	C	National High Magnetic Field Laboratory	ICR								
Richard Xie (G)	C	University of Illinois at Urbana-Champaign	Department of Bioengineering								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	USGS Biological Carbon Sequestration Program			**P19435**	Characterizing DOM compositions across a changing arctic	Chemistry	1	3
Pieter Aukes (S)	C	University of Waterloo	Department of Earth & Environmental Studies	NASA		ABoVE 80NSSC19M0104					
David Butman (S)	C	University of Washington	Civil & Environmental Engineering	NSF	Other	AON-1107596					
Mark Dornblaser (T)	C	U.S. Geological Survey	Water Resource MIssion Area	Advancing Climate Change Science in Canada	Other Non US Federal Agency	ACCPJ-536045-2018					
Gregory Druschel (S)	C	Indiana University-Purdue University Indianapolis	School of Science								
Karen Frey (S)	C	Clark University	Graduate School of Geography								
Fenix Garcia-Tigreros (S)	C	University of Washington	Department of Civil and Environmental Engineering,								
Martin Kurek (G)	C	Florida State University	Earth, Ocean, and Atmospheric Science								
Ethan Kyzivat (S)	C	Brown University	Department of Earth, Environmental & Planetary Sciences and Institute at Brown for Environment & Society								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Natalie Nichols (G)	C	Indiana University-Purdue University Indianapolis	School of Science								
Sydney Niles (G)	C	National High Magnetic Field Laboratory	Chemistry								
Tamlin Pavelsky (G)	C	University of North Carolina at Chapel Hill	Earth, Marine and Environmental Sciences								
Brett Poulin (S)	C	University of California, Davis	Environmental Toxicology								
Sherry Schiff (S)	C	University of Waterloo	Department of Earth & Environmental Studies								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Laurence Smith (S)	C	Brown University	Department of Earth, Environmental & Planetary Sciences and Institute at Brown for Environment & Society								
Rob Striegl (T)	C	U.S. Geological Survey	Water Resources Mission Area								
Chao Wang (S)	C	University of North Carolina at Chapel Hill	11Department of Earth, Marine and Environmental Sciences								
Kimberly Wickland (S)	C	U.S. Geological Survey	National Research Program								
Ryan Rodgers (S)	PI	National High Magnetic Field Laboratory	ICR	No other support			**P19464**	Understanding of Emulsion Formation from Photo-Oxidized Crude Oils	Chemistry	2	7.5
Joseph Frye (G)	C	National High Magnetic Field Laboratory	CIMAR								
Alan Marshall (S)	C	National High Magnetic Field Laboratory	ICR								
Mary Zeller (P)	PI	Leibniz Institute for Baltic Sea Research Warnemünde	Department of Marine Geology	Deutsche Forschungsgemeinschaft	Non US Foundation	GRK 2000/1	**P19474**	Linking the carbon and sulfur cycles in the regeneration process of a historically brackish diked peatland	Chemistry	1	0.5
Michael Böttcher (S)	C	Leibniz Institute for Baltic Sea Research Warnemünde	Geosciences								
Manon Janssen (P)	C	University of Rostock	Faculty for Agricultural and Environmental Sciences								
Anna-Kathrina Jenner (G)	C	Leibniz Institute for Baltic Sea Research Warnemünde	Geochemistry and stable Isotope Geochemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Erwin Racasa (G)	C	University of Rostock	Hydrology								
Catia Milene von Ahn (G)	C	Leibniz Institute for Baltic Sea Research Warnemünde	Marine Geology								
Jon Hawkings (P)	PI	Florida State University	Earth, Ocean and Atmospheric Sciences	NASA		80NSSC18K1738	**P19475**	Glacial influence on organic matter export in polar watersheds	Chemistry	1	0.5
Nathan Bramall (S)	C	Leiden Technology LLC	Technology	NSF	OPP - Office of Polar Programs	OPP2000649					
Kathryn Bywaters (S)	C	Honeybee Robotics	.	University of Florida Water Institute	Other						

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Brent Christner (S)	C	University of Florida	Microbiology & Cell Science	European Research Council	Non US Council	793962					
Peter Doran (S)	C	Louisiana State University	Geobiology and Geophysics								
Ashley Dubnick (P)	C	Montana State University	Earth Sciences								
Quincy Faber (G)	C	University of Florida	Microbiology and Cell Science								
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Matthew Marshall (G)	C	University of Bristol	School of Geographical Sciences								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Elizabeth Mitchell (G)	C	University of Southam	School of Ocean and Earth Sciences								
Jay Nadeau (S)	C	Portland State University	Physics								
Mark Skidmore (S)	C	Montana State University	Department of Earth Sciences								
Carl Snyder (G)	C	Portland State University	Physics								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Jemma Wadham (S)	C	University of Bristol	School of Geographical Sciences								
Ryan Rodgers (S)	PI	National High Magnetic Field Laboratory	ICR	No other support			**P19499**	Molecular Characterization of Water-Soluble Photooxidation Products from Coal Tar Sealant and Asphalt Emulsion Sealant to Determine Anthropogenic Effects on the Built Environment	Chemistry	1	3.33
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Thomas Ennis (S)	C	City of Austin, Texas	Watershed Protection Department								
Taylor Glattke (G)	C	Florida State University	ICR								
Steve Greason (O)	C	Sitelab Corporation	Lab Dept.								
Sarajeen Saima Hoque (G)	C	Florida State University	Civil and Environmental Engineering								
Ishwar Kohale (G)	C	Massachusetts Institute of Technology	Koch Institute								
Forest White (S)	C	Massachusetts Institute of Technology	Biological Engineering								
Alexandre Anesio (S)	PI	Aarhus University	Environmental Science	European Research Commission	Other	856416	**P19510**	Glacial biomarkers: searching for source-specific glacial algae proxies	Biology, Biochemistry, Biophysics	2	1.58
Eva Doting (G)	C	Aarhus University	Environmental Science	Danish Ministry of Higher	Non US Ministry	9096-00101B					

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
				Education and Science							
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Yang Lin (S)	PI	University of Florida	Soil and Water Sciences	No other support			**P19511**	Chemical characterization of dissolved deep podzolized carbon	Biology, Biochemistry, Biophysics	1	0.25
Allan Bacon (S)	C	University of Florida	Soil and Water Sciences								
Ryan Champiny (G)	C	University of Florida	Soil and Water Sciences								
Daniel Colopietro (G)	C	University of Florida	Soil and Water Sciences								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Rene Boiteau (S)	PI	Oregon State University	College of Earth, Ocean, Atmospheric Sciences	UCGP			**P19547**	Deciphering the sources of trace element binding organic ligands in coastal sediments.	Chemistry	2	19.42
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	NSF	OCE - Ocean Sciences	OCE1829761					
Peter Chace (G)	C	Oregon State University	College of Earth, Ocean and Atmospheric Science								
Nicole Coffey (G)	C	University of Delaware	School of Marine Science and Policy								
Christian Dewey (P)	C	Oregon State University	CEOAS								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Zeljka Popovic (G)	C	Florida State University	Ion Cyclotron Resonance								
Clare Reimers (S)	C	Oregon State University	College Earth, Ocean and Atmospheric Sciences								
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR								
Michael Senko (S)	PI	Thermo Fisher Scientific	R&D	No other support			**P19548**	Analytical Method Development for FT-ICR MS	Chemistry	5	90.33
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR	NIH	NIGMS - National Institute of General Medical Sciences	GM037537					

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Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR								
Greg Blakney (S)	C	National High Magnetic Field Laboratory	ICR								
Jesse Canterbury (T)	C	Thermo Fisher Scientific	LSMS R&D								
Daniel Lowenstein (G)	C	Massachusetts Institute of Technology	EAPS								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR								
Brett Poulin (S)	PI	University of California, Davis	Environmental Toxicology	NSF	CAREER - Faculty Early Career Development Program	1945388	**P19575**	Tracing agricultural sulfur inputs to the environment using advanced dissolved organic sulfur characterization	Chemistry	1	0.25
Thomas Borch (S)	C	Colorado State University	Soil and Crop Science	NSF	EAR - Earth Sciences	EAR1629698					
Todd Dawson (S)	C	University of California, Berkeley	Department of Integrative Biology	University of Colorado Boulder Center for Water, Earth Science and Technology	US College and University						
Anna Hermes (G)	C	University of Colorado, Boulder	Institute of Arctic and Alpine Research	University of Colorado Center for Water, Earth Science, and Technology George R. Aiken Endowed Memorial Research Fellowship	US College and University						
Eve-Lyn Hinckley (S)	C	University of Colorado, Boulder	Institute of Arctic and Alpine Research								
Merritt Logan (G)	C	Colorado State University	Chemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Boswell Wing (S)	C	University of Colorado, Boulder	Department of Geological Sciences								
Henry Williams (S)	PI	Florida Agricultural and Mechanical University	School of the Environment	NSF	OCE - Ocean Sciences	OCE1948758	**P19583**	Characterization of Prey Cellular Organic Matter Released as Lysis Products as a	Chemistry	1	5.5
Timothy Colston (P)	C	Florida Agricultural and Mechanical University	School of the Environment								

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Grisel Fierros Romero (P)	C	Florida Agricultural and Mechanical University	School of the environment					Result of Predation by Micropredators			
Taylor Howard (G)	C	Florida Agricultural and Mechanical University	School of the Environment								
Rajneesh Jaswal (P)	C	Florida Agricultural and Mechanical University	School of the Environment								
Brittany Lindsay (G)	C	Florida Agricultural and Mechanical University	School of the Environment								
Zeljka Popovic (G)	C	Florida State University	Ion Cyclotron Resonance								
Jia Xue (P)	C	Florida Agricultural and Mechanical University	School of Environment								
Matthew Reid (S)	PI *	Cornell University	Civil and Environmental Engineering	NSF	CHE - Chemistry	CHE1905175	**P19584**	Water-soluble organics from lignocellulose decomposition in denitrification beds or wetlands	Chemistry	2	1.25
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1804975					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Yi Sang (G)	C	Cornell University	Civil and Environmental Engineering								
Changchun Huang (S)	PI	Nanjing University	School of Geography	Nanjing Normal University	Non US College and University		**P19601**	Molecular-level insights into the degradation and transformation processes of dissolved organic matter in sediment and fluvial ecosystems	Chemistry	1	1.5
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Shuaidong Li (G)	C	Nanjing University	School of Geography								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Archana Agarwal (S)	PI	University of Utah	Department of Pathology/ARUP Laboratories	NSF	DMR - Division of Materials Research	DMR1644779	**P19602**	Characterization of beta thalassemia on 21T FT-ICR MS with the application of proton transfer reduction	Biology, Biochemistry, Biophysics	1	0.33
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR								
Yuan Lin (G)	C	Florida State University	Department of Chemistry and Biochemistry								

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Alan Marshall (S)	C	National High Magnetic Field Laboratory	ICR								
Ryan Rodgers (S)	PI	National High Magnetic Field Laboratory	ICR	iC2MC grant (IPA-5923)	Non US College and University		**P19648**	Biofuels derived from Algae and Wood / Plastic Pyrolysis	Chemistry	1	13.83
Brice Bouyssiere (S)	C	University of Pau and the Adour Region	IPREM								
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Pierre Giusti (S)	C	Total	Research & Technology								
Caroline Mangote (S)	C	Total	Research & Technology								
Michael Timko (S)	PI	Worcester Polytechnic Institute	Chemical Engineering	DOE	BETO - Bioenergy Technologies Office	DE-EE0008513	**P19652**	Comprehensive Mass Spectrometer Analysis of Real Food and Lignocellulosic Waste Hydrothermal Liquefaction and Upgrading Products	Engineering	1	0.5
Rasha Atwi (G)	C	State University of New York at Stony Brook	Department of Chemical Engineering	NSF	GRFP - Graduate Research Fellowship Program	GRFP2038257					
Feng Cheng (T)	C	Worcester Polytechnic Institute	Chemical Engineering	DOE	Other	DE-EE0008302					
David Kenney (G)	C	Worcester Polytechnic Institute	Chemical Engineering								
Heather LeClerc (G)	C	Worcester Polytechnic Institute	Chemical Engineering								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Nelson (S)	C	Woods Hole Oceanographic Institution	Dept Marine Chemistry and Geochemistry								
Jeffrey Page (G)	C	University of Connecticut	Department of Chemical and Biomolecular Engineering								
Alex Paulsen (S)	C	Mainstream Engineering Corp	Defense and Space								
Chris Reddy (S)	C	Woods Hole Oceanographic Institution	Geochemistry								
Ronish Shrestha (G)	C	Worcester Polytechnic Institute	Chemical Engineering								
Andrew Teixeira (S)	C	Worcester Polytechnic Institute	Chemical Engineering								
Geoffrey Tompsett (S)	C	Worcester Polytechnic Institute	Chemical Engineering								
Julia Valla (S)	C	University of Connecticut	Department & Biomolecular Engineering								
Richard West (S)	C	Northeastern University	Department of Chemical Engineering								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	NSF	GRFP - Graduate Research Fellowship Program	GRFP1000284	**P19660**	Tracing organic matter signatures in the Arctic Ocean: do terrestrial inputs persist?	Biology, Biochemistry, Biophysics	3	3.17
Ekaterina Bulygina (S)	C	Louisiana Universities Marine Consortium	Ocean Sciences								
Sarah Johnston (P)	C	University of Lethbridge	Biological Sciences								
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Anna Khreptugova (G)	C	Lomonosov Moscow State University	Chemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Irina Perminova (S)	C	Lomonosov Moscow State University	Chemistry Department								
Alexander Shiklomanov (S)	C	University of New Hampshire	Water Systems Analysis Group								
Nikita Sobolev (S)	C	Lomonosov Moscow State University	Dept of Chemistry								
Sommer Starr (G)	C	Florida State University	Earth, Ocean, and Atmospheric Science								
Alan Marshall (S)	PI	National High Magnetic Field Laboratory	ICR	No other support			**P19662**	Electron Transfer Dissociation with Beam-collision Activated Dissociation for Improved Fragmentation of Intact Proteins	Biology, Biochemistry, Biophysics	3	9.83
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR								
Yuan Lin (G)	C	Florida State University	Department of Chemistry and Biochemistry								
Hadi Mohammadigoushki (S)	PI	Florida State University	Chemical and Biomedical Engineering	Florida State University Planning Grant	Other		**P19663**	Probing adsorption of monoclonal antibodies at the oil-water interface	Engineering	1	4.58
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR								
Jamini Bhagu (G)	C	Florida State University	Chemical ENG								
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Zeljka Popovic (G)	C	Florida State University	Ion Cyclotron Resonance								
Tullis Onstott (S)	PI	Princeton University	Dept. of Geosciences	NSF	EAR - Earth Sciences	EAR1917682	**P19668**	Abiotic Organic Chemistry in an Ancient South African Hypersaline Brine	Biology, Biochemistry, Biophysics	1	7.5
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Devan Nisson (G)	C	Princeton University	Geosciences								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Clifford Walters (S)	C	University of Texas, Austin	Bureau of Economic Geology								
James Dumesic (S)	PI *	University of Wisconsin, Madison	Chemical Engineering	DOE	BES – Basic Energy Sciences	DE-SC0018409	**P19687**	Chemical Characterizations of Lignin from Gamma-Valerolactone-Process and Lignin Monomers/Oligomers from Hydrogenolysis by Ultrahigh Resolution Mass Spectrometry	Engineering	1	0.75
Feng Cheng (P)	C	University of Wisconsin, Madison	Chemical and Biological Engineering								
George Huber (S)	C	University of Wisconsin, Madison	College of Engineering								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
David Barnidge (S)	PI *	The Binding Site	Research and Development	Mayo Clinic	Other		**P19691**	Mass spectrometry analysis of monoclonal immunoglobulins in patients with plasma cell proliferative disorders	Biology, Biochemistry, Biophysics	1	5
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR								
Surendra Dasari (T)	C	Mayo Clinic	Department of Health Science Research								
Angela Dispenzieri (S)	C	Mayo Clinic, Rochester	Hematology								
Alan Marshall (S)	C	National High Magnetic Field Laboratory	ICR								
David Murray (S)	C	Mayo Clinic, Rochester	Laboratory Medicine and Pathology								
Zeljka Popovic (G)	C	Florida State University	Ion Cyclotron Resonance								
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR								
Romy Chakraborty (S)	PI	Lawrence Berkeley National Laboratory	Ecology	DOE	BER - Biological & Environmental Research	DE-AC02-05CH11231	**P19706**	Characterizing transformation of natural organic matter by key indigenous microorganisms interrestrial subsurface sediments	Chemistry	1	0.25
Mingfei Chen (P)	C	Lawrence Berkeley National Laboratory	Earth and Environmental Science Area	Lawrence Berkely Lab	US Government Lab	ENIGMA-Ecosystems and Networks Integrated with Genes and Molecular Assemblies					
Brandon Enalls (P)	C	Lawrence Berkeley National Laboratory	Ecology								
Sara Gushgari-Doyle (P)	C	Lawrence Berkeley National Laboratory	Earth & Environmental Sciences								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Xiaoqin Wu (S)	C	Lawrence Berkeley National Laboratory	Department of Ecology								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Amie Lund (S) Lissa Anderson (S) Leah Schneider (G)	PI C C	University of North Texas National High Magnetic Field Laboratory University of North Texas	Biological Sciences - Advanced Environmental Research Institute ICR Department of Biological Sciences	NIH	NIEHS - National Institute of Environmental Health Sciences	ES026795	**P19719**	Top-Down Proteomics Analysis of Alterations in Protein Expression and Modification in the Liver of C57Bl/6 Mice in Response to Mixed Vehicle Emissions and/or High Fat Diet Consumption.	Biology, Biochemistry, Biophysics	1	7.92
Ryan Rodgers (S) Martha Chacon (S) Chris Hendrickson (S)	PI C C	National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	ICR Ion Cyclotron Resonance Ion Cyclotron Resonance Program	Proprietary			**P19743**	OMICS LLC	Chemistry	1	1
Murray Gray (S) Paolo Bomben (S) Martha Chacon (S) Ryan Rodgers (S) Christopher Rüger (S)	PI C C C C	Alberta Innovates Alberta Innovates National High Magnetic Field Laboratory National High Magnetic Field Laboratory University of Rostock	Advanced Hydrocarbons Advanced Hydrocarbons Ion Cyclotron Resonance ICR Interdisciplinary Faculty, Department Life, Light & Matter	No other support			**P19753**	Molecular Characterization of Carbon Fiber Feedstocks Derived From Oilsands Bitumen	Chemistry	1	2.5
Francesca Kerton (S) Martha Chacon (S) Sara Cheema (G) Huan Chen (S) Stephanie MacQuarrie (S)	PI C C C C	Memorial University of Newfoundland National High Magnetic Field Laboratory Memorial University of Newfoundland National High Magnetic Field Laboratory Cape Breton University	Chemistry Ion Cyclotron Resonance Chemistry Ion Cyclotron Resonance Chemistry	Natural Sciences and Engineering Research Council (NSERC) Canada Foundation for Innovation Provincial Govt of Newfoundland and Labrador Memorial University of Newfoundland (MUN)	Non US Foundation Non US Foundation Other Non US Federal Agency Non US College and University		**P19754**	Analytical methods for biochar characterization by FT-ICR MS	Chemistry	1	0.5

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Juliana Vidal (G)	C	Memorial University of Newfoundland	Chemistry								
Roderich Süssmuth (S)	PI	Technical University of Berlin	Institut für Chemie	Proposal is not subject to external funding	Other Non US Federal Agency		**P19769**	First Large-Scale Proteomic Analysis of Viperine Venoms by 21T FT-ICR MS	Biology, Biochemistry, Biophysics	1	7.58
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR								
Maik Damm (G)	C	Technical University of Berlin	Department of Chemistry								
Benjamin-Florian Hempel (P)	C	Humboldt University of Berlin	BCRT								
Ayse Nalbantsoy (S)	C	Ege University	Bioengineering								
Youneng Tang (S)	PI	Florida State University	Civil and Environmental Engineering	Hinkley Center for Solid and Hazarouds Waste Managemen t			**P19776**	Non-Thermal Plasma Degradation of Per- and Polyfluoroalkyl Substances from Landfill Leachate	Engineering	1	0.83
Benhur Asefaw (G)	C	Florida State University	Civil and Environmental Engineering								
Radha Krishna Murthy Bulusu Raja (G)	C	Florida State University	Chemical and Biomedical Engineering								
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Karam Eeso (U)	C	Florida State University	Chemical Engineering								
Rachel Gallan (G)	C	Florida State University	chemical engineering								
Bruce Locke (S)	C	Florida State University	FAMU-FSU College of Engineering								
Mojtaba Nouri Goukeh (G)	C	Florida State University	Civil and Environmental engineering								
DENNIS SSEKIMPI (G)	C	Florida State University	Civil&Environment al Engineering								
Robert Wandell (S)	C	Florida State University	Chemical and Biomedical Engineering								
Viji Sitther (S)	PI	Morgan State University	Biology	NSF	CBET - Chemical, Bioengineering , Environmental, and Transport Systems	CBET1900966	**P19779**	Oxidative stress induced impact of cell-penetrating nanoparticles on cellularconstituents in a cyanobacterial model	Chemistry	1	5

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Samson Gichuki (G)	C	Morgan State University	Department of Biology								
Mst Sayadujjhara (G)	C	Morgan State University	Biology								
LaDonna Wyatt (U)	C	Morgan State University	Biology								
Yavuz Yalcin (P)	C	Morgan State University	Biology								
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	NSF	OPP - Office of Polar Programs	OPP2029585	**P19786**	Tracing Permafrost Thaw DOM on the Peel Plateau, Canada	Chemistry	1	0.5
Steven Kokelj (S)	C	Northwest Territories Geological Survey	Geochemistry	NSF	OPP - Office of Polar Programs	OPP2124464					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR	NSF	DEB - Division of Environmental Biology	DEB2029585					
Megan Moore (G)	C	Florida State University	Earth, Ocean, and Atmospheric Sciences								
Jaedyn Smith (G)	C	University of Alberta	Biological Sciences								
Suzanne Tank (S)	C	University of Alberta	Department of Biological Sciences								
Marina Taskovic (G)	C	University of Alberta	Biological Sciences								
Andrew Wozniak (S)	PI	University of Delaware	School of Marine Science and Policy	NSF	OCE - Ocean Sciences	OCE2123402	**P19787**	The impact of sulfurization on carbon accumulation in the Great Marsh, DE	Chemistry	1	1.25
Alina Ebling (T)	C	University of Delaware	EARTH, OCEAN & ENVIRONMENT								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Rachel Owrutsky (G)	C	University of Delaware	School of Marine Science and Policy								
Andrew Wozniak (S)	PI	University of Delaware	School of Marine Science and Policy	NSF	OCE - Ocean Sciences	OCE2123402	**P19788**	The integrated influence of river discharge, seasonality, and land use/land cover on exported DOM pool in Murderkill River Estuary	Chemistry	2	2.75
Alina Ebling (T)	C	University of Delaware	EARTH, OCEAN & ENVIRONMENT	NSF	OIA - Office of Integrative Activities	1757353					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Tianyin Ouyang (G)	C	University of Delaware	College of Earth, Ocean & Environment								
Jason Ahad (S)	PI *	Natural Resources Canada	Geological Survey of Canada	Natural Resources Canada GEM Geo-North Program	Non US Government Lab		**P19807**	Innovative geochemical methods for investigating permafrost and active	Chemistry	1	0.5

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Paul Gammon (S)	C	Natural Resources Canada	Geological Survey of Canada					layer processes in northern Canada			
Amy Holt (G)	C	Florida State University	EAOS								
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Christopher Rüger (S)	PI *	University of Rostock	Interdisciplinary Faculty, Department Life, Light & Matter	• European Network of Fourier-Transform Ion-Cyclotron-Resonance Mass Spectrometry Centers	Other Non US Federal Agency	ID: 731077	**P19814**	Chemical characterization of carbonaceous wildfire emissions from chamber experiments by 21 T Fourier transform ion cyclotron resonance mass spectrometer	Chemistry	1	5
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	DFG grant ZI 764/24-1	Other Non US Federal Agency						
Hendryk Czech (S)	C	University of Rostock	Analytical Chemistry, Joint Mass Spectrometry Centre	Helmholtz International Lab	Non US Government Lab	12083					
Paul Kösling (S)	C	University of Rostock	Joint Mass Spectrometry Centre								
Silvia Martinez (S)	C	University of Rostock	Joint Mass Spectrometry Centre								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Anika Neumann (G)	C	University of Rostock	Department Life Light & Matter								
Olga Popovicheva (S)	C	Lomonosov Moscow State University	Dept. of Microelectronics								
Eric Schneider (G)	C	University of Rostock	Analytical Chemistry								
Olli Sippula (S)	C	University of Eastern Finland	Department of Environmental and Biological Sciences, Fine Particle and Aerosol Technology Laboratory (FINE)								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Ralf Zimmermann (S)	C	University of Rostock	Division of Analytical and Technical Chemistry								
Jemma Wadham (S)	PI	University of Bristol	School of Geographical Sciences	UK NERC	Other Non US Federal Agency	NE/R011524/1	**P19861**	Controls on the composition and bioavailability of dissolved organic matter in glacial freshwaters	Chemistry	1	2
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science	Globalink Research Award	Other Non US Federal Agency	Mitacs Canada & UKRI, FR47805					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR	Global Research Challenges Fund	Other Non US Federal Agency	Hi-ICE project					
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science	NERC, CONCYTEC, Newton Fund	Other Non US Federal Agency						
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Jumanah Hamdi (P)	C	Louisiana Universities Marine Consortium	Environmental Chemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Jens Blotevogel (S)	PI	Commonwealth Scientific and Industrial Research Organization	Land and Water	DOD	ER - Environmental Research Program	ER21_3550	**P19867**	High-Field 21 Tesla FT-ICR Mass Spectrometry for Forensic Identification of PFASs	Engineering	1	0.67
Greg Blakney (S)	C	National High Magnetic Field Laboratory	ICR	DOD	ER - Environmental Research Program	ER21-SO-3550 - CY21					
Thomas Borch (S)	C	Colorado State University	Soil and Crop Science	DOD	ER - Environmental Research Program	ER20-1265					
Chris Hendrickson (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program	DOD	ER - Environmental Research Program	ER-2718					
Christopher Higgins (S)	C	Colorado School of Mines	Civil and Environmental Enginnering								
John Kornuc (S)	C	U.S. Naval Research Laboratory	Emerging contaminants, site characterization								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Nasim Pica (P)	C	Colorado State University	Environmental engineering								
Holly Roth (G)	C	Colorado State University	Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Hamidreza Sharifan (P)	C	Colorado State University	Civil and Environmental Engineering						
Robert Young (S)	C	New Mexico State University, Main Campus	Chemical Analysis & Instrumentation Laboratory						
Amy McKenna (S)	PI	National High Magnetic Field Laboratory	ICR	FSU Office of Research Collaborative Collision Other US Federal Agency	**P19868**	Collaborative Accelerator. The Environmental Impact of Prescribed Burns in Florida: Soil & Emission Characteristics for Risk Mitigation	Chemistry	2	2.25
William Bahureksa (G)	C	Colorado State University	Chemistry						
Laurie Blackmore (S)	C	Atlanta Botanical Garden	Conservation and Research						
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance						
Emily Coffey (S)	C	Atlanta Botanical Garden	Conservation and Research						
Caitlin Crocker (T)	C	Atlanta Botanical Garden	Conservation and Research						
Sasha Ernst (T)	C	Florida Department of Environmental Protection	Bureau of Natural and Cultural Resources						
Daryl Hatfield (T)	C	Florida Department of Environmental Protection	District Prescribed Fire Management Coordinator						
Chris Hawthorne (T)	C	Florida Department of Environmental Protection	Topsail Hill Preserve State Park						
Christopher Holmes (S)	C	Florida State University	Earth, Ocean, and Atmospheric Science						
Sam McKenna (O)	C	National High Magnetic Field Laboratory	ICR						
Holly Nowell (P)	C	Florida State University	Earth Ocean and Atmospheric Sciences						
Bryan Quaife (S)	C	Florida State University	Department of Scientific Computing						
Holly Roth (G)	C	Colorado State University	Chemistry						
Ashlynn Smith (G)	C	Atlanta Botanical Garden	Conservation and Research						
Robert Spangler (T)	C	Florida Department of Environmental Protection	Topsail Hill Preserve State Park						
Christopher Uejio (S)	C	Florida State University	Department of Geography						
Neda Yaghoobian (S)	C	Florida State University	Mechanical Engineering						
Allan Bacon (S)	PI *	University of Florida	Soil and Water Sciences	No other support	**P19879**	Chemical Signatures of Biosolid Movement		1	1.5

Participants (Name, Role, Org., Dept.)							Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Anne Kellerman (P)	C		Florida State University	Earth, Ocean and Atmospheric Science							Across the St Johns River Watershed	Biology, Biochemistry, Biophysics		
Yang Lin (S)	C		University of Florida	Soil and Water Sciences										
Amy McKenna (S)	C		National High Magnetic Field Laboratory	ICR										
Robert Spencer (S)	C		Florida State University	Earth, Ocean & Atmospheric Science										
Bart van Dongen (S)	PI	*	University of Manchester	Department of Earth and Environmental Sciences	UKRI National Environment Research Council	Other Non US Federal Agency	GOAM (NERC grant reference: NE/P01304X/1			**P19888**	Aquatic organic matter at arsenic-prone aquifers in Kandal Province, Cambodia	Chemistry	2	0.75
Naji Bassil (S)	C		University of Manchester	School of Earth and Environmental Sciences										
Amy Holt (G)	C		Florida State University	EAOS										
Martin Kurek (G)	C		Florida State University	Earth, Ocean, and Atmospheric Science										
Dan Lapworth (S)	C		Britich Geological Survey	Maclean Building, Wallingford OX10 8BB, UK										
Jonathan Lloyd (S)	C		University of Manchester	School of Earth and Environmental Sciences										
Amy McKenna (S)	C		National High Magnetic Field Laboratory	ICR										
Oliver Moore (G)	C		University of Manchester	Earth and Environmental Sciences										
David Polya (S)	C		University of Manchester	Earth and Environmental Sciences										
Laura Richards (S)	C		University of Manchester	Department of Earth and Environmental Sciences and Williamson Research Centre for Molecular Environmental Science										
Robert Spencer (S)	C		Florida State University	Earth, Ocean & Atmospheric Science										

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Caitlin Tressler (S)	PI	*	Johns Hopkins University School of Medicine	Radiology	NIH	NCI - National Cancer Institute	CA213428	**P19892**	N-Glycan MALDI Imaging of COVID-19 Infected Patient Lungs	Biology, Biochemistry, Biophysics	1	4
Kristine Glunde (S)	C		Johns Hopkins University School of Medicine	School of Medicine	NIH	NCI - National Cancer Institute	CA213492					
Nicole Jenkinson (G)	C		Johns Hopkins University School of Medicine	School of Medicine								
David Nauen (S)	C		Johns Hopkins University School of Medicine	School of Medicine								
Cameron Shedlock (U)	C		University of Scranton	Johns Hopkins School of Medicine								
Karl Smith (P)	C		National High Magnetic Field Laboratory	ICR								
Mengqiang Zhu (S)	PI		University of Wyoming	Ecosystem Science and Management	NSF	DEB - Division of Environmental Biology	DEB2027284	**P19893**	Interrogating the Composition and Formation of Mineral-stabilized Organic Matter in Soils across an Ecoclimatic Gradient	Engineering	1	4.5
Hairuo Mao (P)	C		University of Wyoming	Ecosystem science and management	NSF	EAR - Earth Sciences	EAR1752903					
Amy McKenna (S)	C		National High Magnetic Field Laboratory	ICR								
Carson Thompson (G)	C		University of Wyoming	Dept. ECOSYSTEM SCIENCE AND MANAGEMENT								
Thomas Borch (S)	PI		Colorado State University	Soil and Crop Science	Cutrale Juices - FL			**P19905**	Compositional Changes of Soil Organic Matter in Response to Agricultural Management Practices	Chemistry	1	0.75
Jim Ippolito (S)	C		Colorado State University	Soil and Crop Sciences								
Merritt Logan (G)	C		Colorado State University	Chemistry								
Amy McKenna (S)	C		National High Magnetic Field Laboratory	ICR								
Sean Stokes (G)	C		Colorado State University	Soil & Crop Science								
Pankaj Trivedi (S)	C		Colorado State University	Agricultural Biology								
Liza McDonough (P)	PI	*	Australian Nuclear Science and Technology Organisation	Environment	Australian Research Council Special Research Initiative in Excellence in Antarctic Science	Other Non US Federal Agency	Project ID SR200100005	**P19907**	Investigating carbon cycling in Antarctic and sub-Antarctic lakes	Chemistry	1	0.25
Martin Andersen (S)	C		University of New South Wales	School of Civil and Environmental Engineering	Australian Research Council	Other Non US Federal Agency	DP160101379					

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Andy Baker (S)	C	University of New South Wales	School of Biological, Earth and Environmental Sciences	National Collaborative Research Infrastructure Strategy (NCRIS).	Other Non US Federal Agency						
Megan Behnke (P)	C	University of Alaska, Southeast	Natural Science								
Amy Holt (G)	C	Florida State University	EAOS								
Christopher Marjo (T)	C	University of New South Wales	School of Biological, Earth and Environmental Sciences								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Karina Meredith (T)	C	Australia's Nuclear Science and Technology Organisation	Australia's Nuclear Science and Technology Organisation								
Denis O'Carroll (T)	C	University of New South Wales	School of Civil and Environmental Engineering								
Phetdala Oudone (G)	C	University of New South Wales	School of Biological, Earth and Environmental Sciences,								
Helen Rutlidge (T)	C	University of New South Wales	School of Civil and Environmental Engineering								
Isaac Santos (S)	C	Southern Cross University	National Marine Science Centre								
Krystyna Saunders (S)	C	Australian Nuclear Science and Technology Organisation	Environment								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Gregg Stanwood (S)	PI *	Florida State University	Biomedical Sciences	NIH	Other	MH116429	**P19909**	Mass Spectrometry Imaging Analysis of a Novel Mouse Model of Antidepressant Activity and Behavioral Resilience	Biology, Biochemistry, Biophysics	1	6.5
Devon Graham (S)	C	Florida State University	Biomedical Sciences								
Karl Smith (P)	C	National High Magnetic Field Laboratory	ICR								
Cynthia Vied (S)	C	Florida State University	Translational Science Laboratory								
Marianny Combariza (S)	PI	Industrial University of Santander	Chemistry	Universidad Industrial de Santander	Non US College and University		**P19920**	Characterization of photosynthetic and photoprotective pigments in microalgae	Chemistry	1	5
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Marianny Combariza (S)	C	Industrial University of Santander	Chemistry								
Luis Díaz-Sánchez (G)	C	Industrial University of Santander	Santander								
Renzun Zhao (S)	PI *	North Carolina Agricultural and Technical State University	Civil, Architectural and Environmental Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2101053	**P19962**	Elevated temperature landfill leachate characterization and implications: Humic substance isolation, aromaticity, and biodegradability	Engineering	2	2.58
Brian Brazil (S)	C	Waste Management Inc.	Waste Management								
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Sailee Gawande (G)	C	Lamar University	Civil and Environmental Engineering Department								
Synthia Parveen Mallick (G)	C	Marquette University	Civil, Construction & Environmental Engineering								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Harsh Patel (G)	C	North Carolina Agricultural and Technical State University	Computational Science and Engineering								
Alfred Wadee (G)	C	Lamar University	Civil and Environmental Engineering								
Wenzheng Yu (S)	C	Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences	State Key Laboratory of Environmental Aquatic Chemistry								
Garrett McKay (S)	PI *	Texas A&M University	Civil & Environmental Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2050934	**P19963**	Evaluating the molecular composition of autoxidized hydroquinone and other surrogates for natural organic matter using FT-ICR MS	Engineering	1	0.5
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR	NSF	CHE - Chemistry	CHE1808126					
Thomas Borch (S)	PI	Colorado State University	Soil and Crop Science	USDA - Department of Agriculture			**P19965**	Oilfield-produced water as alternative source for agricultural irrigation: Impact on soil and crop health	Chemistry	1	0.33
Tamzin Blewett (S)	C	University of Alberta	Engineering	National Institute of Food and Agriculture	Other US Federal Agency						

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Corey Broeckling (S)	C	Colorado State University	Bioanalysis and Omics Center: Analytical Resources Core								
Nohyeong Jeong (S)	C	Colorado State University	Civil Engineering								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Huma Tariq (G)	C	Colorado State University	Chemistry								
Tiezheng Tong (S)	C	Colorado State University	Department of Civil and Environmental Engineering								
Marin Wiltse (G)	C	Colorado State University	Chemistry								
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	NSF	Other	80NSSC19M0104	**P19972**	Large-scale Comparison of DOM Composition from Various Solid Phase Extraction Procedures	Chemistry	3	2.42
Jon Hawkings (P)	C	Florida State University	Earth, Ocean and Atmospheric Sciences	NASA		ABoVE-80NSSC19M0104					
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Martin Kurek (G)	C	Florida State University	Earth, Ocean, and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Oriane Yvin (G)	C	Florida State University	Earth,Ocean,and Atmospheric Science								
Alex Cobb (S)	PI *	Singapore-MIT Alliance for Research and Technology	Center for Environmental Sensing and Modeling	Universiti Brunei Darussalam	Non US College and University		**P19977**	Comparative study of organic matter and nutrient fate in pristine and disturbed Bruneian peatlands	Biology, Biochemistry, Biophysics	1	1
Jeffrey Chanton (S)	C	Florida State University	Department of Earth, Ocean and Atmospheric Science								
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
David Butcher (S)	PI *	National High Magnetic Field Laboratory	ICR	NSF	CHE - Chemistry	CHE1644779	**P19979**	REU: Development of workflows for high-throughput analysis and cell-free	Biology, Biochemistry, Biophysics	1	8.5
Sebastian Aguero (U)	C	California State University, San Marcos	Undergraduate								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Lissa Anderson (S) Javion Walters (U)	C C		National High Magnetic Field Laboratory National High Magnetic Field Laboratory	ICR N/A					synthesis of isotopically depleted proteoforms			
Huan Chen (S) Martha Chacon (S) Rayana Johnson (U) Judy Wang (U)	PI C C C		National High Magnetic Field Laboratory National High Magnetic Field Laboratory Agilent Technologies National High Magnetic Field Laboratory	Ion Cyclotron Resonance Ion Cyclotron Resonance Chemistry ICR	No other support			**P19998**	REU Experience: Molecular Characterization of Aging Products from Essential Oils by GC×GC MS and FT-ICR MS	Chemistry	1	1
Derrick Vaughn (P) Joshua Breithaupt (S) Amy McKenna (S) Robert Spencer (S)	PI * C C C		Florida State University Florida State University National High Magnetic Field Laboratory Florida State University	Earth, Atmospheric, and Ocean Sciences Coastal and Marine Laboratory ICR Earth, Ocean & Atmospheric Science	No other support			**P20008**	Impacts of ecosystem shifts on Florida coastal wetland DOM composition	Chemistry	1	0.5
Thomas Atkinson (S) Lissa Anderson (S) James Daubenspeck (S) Kevin Dybvig (S) John Sanford (G) Li Xiao (S)	PI * C C C C C		University of Alabama, Birmingham National High Magnetic Field Laboratory University of Alabama, Birmingham University of Alabama, Birmingham University of Alabama, Birmingham University of Alabama, Birmingham	Pediatrics ICR Pediatrics-Allergy Pediatrics Pediatrics Medicine	University of Alabama at Birmingham	US College and University		**P20022**	Investigating Non-Canonical Glycosylation in Synthetic and Natural Minimal Genome Bacteria	Biology, Biochemistry, Biophysics	3	13.5
Alan Marshall (S) Martha Chacon (S) Joseph Frye (G) Ryan Rodgers (S)	PI C C C		National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	ICR Ion Cyclotron Resonance CIMAR ICR	No other support			**P20024**	Molecular Characterization of Dissolved Organic Material in Non-terrestrial Samples	Chemistry	2	11
Amin Mirkouei (S) Martha Chacon (S) Huan Chen (S) Amy McKenna (S)	PI C C C		University of Idaho National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Mechanical and Biological Engineering Ion Cyclotron Resonance Ion Cyclotron Resonance ICR	USGS	Other	104b grant	**P20073**	Molecular Characterization of used char filters after fish farm downstream water treatment: Multi-level chemical analyses and fractionation scheme	Chemistry	1	0.33

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Ethan Struhs (G)	C		University of Idaho	Engineering							
Michael Hoepfner (S)	PI	*	University of Utah	Chemical Engineering	No other support		**P20076**	Understanding Asphaltene Molecular Properties Critical for Heterogeneous Nucleation and Deposition in Diluted Bitumen	Chemistry	1	1.83
Martha Chacon (S)	C		National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Weiyi Kong (G)	C		The University of Utah	Chemical Engineering							
Rizwanur Rahman (G)	C		University of Utah	Chemical Engineering							
Simon Andersen (S)	PI	*	Schlumberger Canada Ltd	DBR tech center	Technical University of Denmark	Other	**P20088**	Separation and characterization of heteroatomic compounds in Danish crude oils and fractions	Chemistry	1	5
Martha Chacon (S)	C		National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Taylor Glattke (G)	C		Florida State University	ICR							
Khoa Huynh (G)	C		Technical University of Denmark	DHRTC - DTU Chemistry							
Ryan Rodgers (S)	C		National High Magnetic Field Laboratory	ICR							
Carlos Afonso (S)	PI		Normandy University	Chemistry	Total Energies		**P20095**	Molecular Characterization of the Impact of SMART Water EOR Practices on Bound / Unbound Petroleum Species	Chemistry	1	3
Brice Bouyssiere (S)	C		University of Pau and the Adour Region	IPREM							
Martha Chacon (S)	C		National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Pierre Giusti (S)	C		Total	Research & Technology							
Ryan Rodgers (S)	C		National High Magnetic Field Laboratory	ICR							
Nathaniel Terra Telles Souza (G)	C		University of Pau and the Adour Region	IPREM							
Daqian Jiang (S)	PI	*	University of Alabama, Tuscaloosa	Civil Construction and Environmental Engineering	USDA - Department of Agriculture	NIFA grant 2020-670223-31472	**P20102**	Molecular-level characterization of the dissolved organic matter in electrokinetic remediation of sediments	Engineering	1	0.5
Lydia Babcock-Adams (P)	C		National High Magnetic Field Laboratory	CIMAR, ICR							
Huan Chen (S)	C		National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Tahir Maqbool (P)	C		University of Alabama, Tuscaloosa	Civil, Construction, and Environmental Engineering							
Amy McKenna (S)	C		National High Magnetic Field Laboratory	ICR							
Brice Bouyssiere (S)	PI	*	University of Pau and the Adour Region	IPREM	International Humic Substances Society	Other	**P20108**	Tracing lead species in peat samples from the French Pyrenees as a function of depth using SEC-ICP-MS and FT ICR-MS	Biology, Biochemistry, Biophysics	1	3
Martha Chacon (S)	C		National High Magnetic Field Laboratory	Ion Cyclotron Resonance	Université de Pay et des	Other					

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Deisy Giraldo Davila (G)	C	University of Pau and the Adour Region	Chemistry						
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR						
						Total Proposals:	**Experiments:**		**Days**
						76	**104**		**378**

NMR Facility

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Samuel Grant (S)	PI	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering	NSF	DMR - Division of Materials Research	DMR1644779	**P17559**	500 MRI Maintenance	Engineering	4	19
Malathy Elumalai (O)	C	Florida State University	NMR-MRI								
Robert Schurko (S)	PI	Florida State University	Chemistry	NSF	CHE - Chemistry	CHE2003854	**P17946**	Multinuclear Solid-State NMR of Quadrupolar Nuclei in Active Pharmaceutical Ingredients	Biology, Biochemistry, Biophysics	12	44
Christer Aakeroy (S)	C	Kansas State University	Chemistry and Biochemistry	State of Florida	Other	n/a					
Rajarshi Acharyya (G)	C	Florida State University	Chemistry and Biochemistry	NSERC	Other Non US Federal Agency	NSERC RGPIN-2016_06642					
Adam Altenhof (G)	C	Florida State University	Chemistry and Biochemistry	NSERC	Non US Council	n/a					
Jochen Autschbach (S)	C	University of Buffalo	Chemistry	nserc	Non US Council	NSERC RGPIN-2016_06642					
Carl Conti (G)	C	Florida State University	Chemistry & Biochemistry								
Zach Dowdell (G)	C	Florida State University	Chemistry								
Alberto Fezda (P)	C	University of Buffalo	Chemistry								
Carl Fleischer (G)	C	Florida State University	Chemistry								
Tomislav Friscic (S)	C	McGill University	Chemistry								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Anthony Hoffman (G)	C	Florida State University	Chemistry and Biochemistry								
Sean Holmes (P)	C	Florida State University	Chemistry and Biochemistry								
James Hook (S)	C	University of New South Wales	Chemistry								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Igor Huskic (P)	C	McGill University	Chemistry and Biochemistry								
James Kimball (G)	C	Florida State University	Chemistry								
Karthik Nagapudi (S)	C	Genentech Inc.	Small Molecule Pharmaceutical Sciences								
Austin Peach (G)	C	Florida State University	Chemistry and Biochemistry								
Jeremy Rawson (S)	C	University of Windsor	Department of Chemistry and Biochemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Jazmine Sanchez (G)	C	Florida State University	Chemistry and Biochemistry								
Robert Smith (G)	C	National High Magnetic Field Laboratory									
Robert Smith (G)	C	Florida State University	Chemistry and Biochemistry								
Albert Stiegman (S)	C	Florida State University	Chemistry								
Cameron Vojvodin (G)	C	Florida State University	Chemistry and Biochemistry								
Lara Watanabe (G)	C	University of Windsor	Chemistry and Biochemistry								
Neeraj Sinha (S)	PI	Centre of Bio-Medical Research (CBMR)	Bio-medical department	Science and Engineering Research Board, Government of India	Other Non US Federal Agency	EMR/2015/001758	**P18099**	Structural and interaction study of collagen protein in native bone and cartilage through dynamic nuclear polarization	Biology, Biochemistry, Biophysics	1	13
Richa Dubey (G)	C	Centre of Biomedical Research	Department of Advanced Spectroscopy and Imaging								
Navneet Dwivedi (G)	C	Integral University	Physics								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Nidhi Tiwari (G)	C	Centre of Biomedical Research	NMR								
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Victor Schepkin (S)	PI	National High Magnetic Field Laboratory	CIMAR	No other support			**P18100**	Non-invasive assessment of rat glioma using 17O labeled glucose	Biology, Biochemistry, Biophysics	2	5
William Brey (S)	C	National High Magnetic Field Laboratory	NMR								
Shannon Helsper (G)	C	National High Magnetic Field Laboratory	NMR								
Cathy Levenson (S)	C	Florida State University	Biomedical Sciences								
Steven Ranner (T)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Lothar Schad (S)	C	Heidelberg University	Computer Assisted Clinical Medicine								
A. Dean Sherry (S)	C	University of Texas, Southwestern	Advanced Imaging Research Center								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Yan-Yan Hu (S) Yongkang Jin (G) Pengbo Wang (G) Lina Zhou (G)	PI C C C	Florida State University Florida State University Florida State University University of Cambridge	Chemistry & Biochemistry Chemistry and Biochemistry Chemistry Chemistry Department	Solid Power			**P19111**	Structure-property correlation in Cl-doped tetragonal Na3PS4 (t-Na3PS4)	Chemistry	7	173
Michael Harrington (S) Nastaren Abad (G) Hannah Alderson (U) Samuel Grant (S) Samuel Holder (G) Linda Petzold (S)	PI C C C C C	Huntington Medical Research Institutes Florida State University Florida State University National High Magnetic Field Laboratory Florida State University University of California, Santa Barbara	Molecular Neurology Chemical-Biomedical Engineering Chemical & Biomedical Engineering Chemical & Biomedical Engineering Chemical & Biomedical Engineering Computer Science	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS201072	**P19167**	Evaluating Brain Dysfunction in Migraine	Biology, Biochemistry, Biophysics	14	48
Yan-Yan Hu (S) Samuel Grant (S) Haoyu Liu (G) Erica Truong (G)	PI C C C	Florida State University National High Magnetic Field Laboratory Florida State University Florida State University	Chemistry & Biochemistry Chemical & Biomedical Engineering Chemistry Chemistry and Biochemistry	NSF	DMR - Division of Materials Research	DMR1720139	**P19169**	In-situ and Operando MRI studies of All-solid-state Batteries	Chemistry	7	26
Sossina Haile (S) Michael Deck (G) Yan-Yan Hu (S) Sawankumar Patel (G) Sheel Sangvi (G) Erica Truong (G) Louis Wang (G)	PI C C C C C C	Northwestern University FSU Florida State University Florida State University Northwestern University Florida State University Northwestern University	Materials Science and Engineering, and Chemistry Chemistry Chemistry & Biochemistry Chemistry Chemistry Chemistry and Biochemistry Chemistry	NSF	DMR - Division of Materials Research	DMR1720139	**P19180**	Multinuclear Solid-state NMR Investigations of Oxyhalides, Oxynitrides and Chalcohalides	Biology, Biochemistry, Biophysics	9	63

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Joseph Noel (S)	PI	Salk Institute for Biological Studies	Chemical Biology and Proteomics	Harnessing Plants Initiative, Salk Institute for Biological Studies	Other		**P19225**	Structural, Quantitative and Genetic Characterization of Plant Biopolymers by Solid-state NMR	Biology, Biochemistry, Biophysics	1	8
Thach Can (P)	C	Salk Institute for Biological Studies	Chemical Biology and Proteomics								
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Suzanne Thomas (P)	C	Salk Institute for Biological Studies	Chemical Biology and Proteomics								
Xueqian Kong (S)	PI	Zhejiang University	Chemistry	Zhejiang University	Non US College and University		**P19234**	Solid state NMR Investigation of highly conductive solid electrolytes	Biology, Biochemistry, Biophysics	1	18
Moein Adnami (G)	C	Florida State University	Physics								
jue Gong (S)	C	University of Electronic Science and Technology of China	Physics								
Yan-Yan Hu (S)	C	Florida State University	Chemistry & Biochemistry								
Yongkang Jin (G)	C	Florida State University	Chemistry and Biochemistry								
Brenton Jones (G)	C	Florida State University	Physics								
Sawankumar Patel (G)	C	Florida State University	Chemistry								
Erica Truong (G)	C	Florida State University	Chemistry and Biochemistry								
Frederic Mentink (S)	PI	National High Magnetic Field Laboratory	CIMAR	NIH	NIGMS - National Institute of General Medical Sciences	GM122698	**P19241**	Improving biradicals for MAS-DNP at high field: a combined approach of Spin-Dynamics theory, DFT and high-field EPR	Chemistry	2	7
Gael De Paepe (S)	C	French Alternative Energies and Atomic Energy Commission	Institute for Nanoscience and Cryogenics								
Thomas Halbritter (P)	C	University of Iceland	Chemistry								
Rania Harrabi (G)	C	French Alternative Energies and Atomic Energy Commission	DRF/IRIG/MEM/RM								
Sabine Hediger (S)	C	French Alternative Energies and Atomic Energy Commission	Institute for Nanoscience and Cryogenics								
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR								
Daniel Lee (S)	C	University of Manchester	Chemical Engineering								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Subrhadip Paul (T)	C		French Alternative Energies and Atomic Energy Commission	DRF/IRIG/MEM/RM								
Dr Vinayak Rane (S)	C		Indian Institute of Geomagnetism	Instrumentation								
Snorri Sigurdsson (S)	C		University of Iceland	Chemistry								
Sami Jannin (S)	PI	*	Ecole Normale Superieure de Lyon	CRMN	Horozon 2020 (EUROPEAN COMMISSION, Research Executive Agency)	Other Non US Federal Agency	766402	**P19284**	Study of 1H polarization transfers through the spin diffusion barrier indynamic nuclear polarization using microwave gating	Chemistry	1	3.5
Olivier Cala (S)	C		Center of Nuclear Magnetic Resonance at Very High Fields	ENS								
Quentin Chappuis (G)	C		Ecole Normale Superieure de Lyon	High field NMR centre								
Frederic Mentink (S)	C		National High Magnetic Field Laboratory	CIMAR								
Arthur Pinon (S)	C		University of Gothenburg	NMR Swedish center								
James Harper (S)	PI		Brigham Young University (BYU)	Chemistry and Biochemistry	No other support			**P19307**	Verifying the existence of 3.0 Å long C-C bonds with 13C solid-state NMR	Chemistry	1	3
Frederic Mentink (S)	C		National High Magnetic Field Laboratory	CIMAR								
Joel Miller (S)	C		University of Utah	Chemistry								
Pingchuan Sun (S)	PI		Nankai University	College of Chemistry	National Natural Science Foundation of China	Other		**P19331**	Probing the Transesterification Reaction and Topology Freezing Transition Temperature in Vitrimer by VT 17O and 13C Chemical Exchange SSNMR	Chemistry	9	66
Riqiang Fu (S)	C		National High Magnetic Field Laboratory	NMR								
Zhehong Gan (S)	C		National High Magnetic Field Laboratory	NHMFL								
Fenfen Wang (P)	C		Nankai University	College of Chemistry								
Robert Griffin (S)	PI		Massachusetts Institute of Technology	Chemistry	NIH	NIA - National Institute on Aging	R01-AG058504	**P19370**	Structural Studies on the Human Voltage-Dependent Anion-Selective Channel Protein 1 (VDAC1) by Solid-State NMR	Biology, Biochemistry, Biophysics	1	6
Zhehong Gan (S)	C		National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C		National High Magnetic Field Laboratory	CIMAR/NMR								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Edward Saliba (P)	C	Massachusetts Institute of Technology	Francis Bitter Magnet Laboratory								
Robert Silvers (S)	C	Florida State University	Chemistry and Biochemistry								
Geoffrey Strouse (S)	PI	National High Magnetic Field Laboratory	Chemistry	NSF	DMR - Division of Materials Research	DMR1905757	**P19372**	Multinuclear solid-state NMR investigation of plasmonic and photoluminescent nanocrystals	Chemistry	15	45
Rajarshi Acharyya (G)	C	Florida State University	Chemistry and Biochemistry	NSF							
Adam Altenhof (G)	C	Florida State University	Chemistry and Biochemistry								
Nhat Nguyen Bui (P)	C	National High Magnetic Field Laboratory	CMS								
Carl Conti (G)	C	Florida State University	Chemistry & Biochemistry								
Catherine Fabiano (G)	C	Florida State University	Chemistry								
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Jason Kuszynski (G)	C	Florida State University	Chemistry & Biochemistry								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Raul Ortega (G)	C	Florida State University	Chemistry & Biochemistry								
Anant Paravastu (S)	C	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering								
Robert Schurko (S)	C	Florida State University	Chemistry								
Robert Smith (G)	C	Florida State University	Chemistry and Biochemistry								
Likai Song (S)	C	National High Magnetic Field Laboratory	EMR								
Janet Tests (S)	C	Columbia University	Chemistry								
Cameron Vojvodin (G)	C	Florida State University	Chemistry and Biochemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Hadi Mohammadigoushki (S)	PI	Florida State University	Chemical and Biomedical Engineering	No other support		FSU-CRC	**P19421**	Probing in situ structure of monoclonal antibodies at water-air and water-oil interfaces via high field nuclear magnetic resonance spectroscopy	Engineering	22	84
Jamini Bhagu (G)	C	Florida State University	Chemical ENG	No other support							
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1942150					
Peter Rassolov (P)	C	Florida State University	Chemical and Biomedical Engineering	NSF	CAREER - Faculty Early Career Development Program	1942150					
Alfredo Scigliani (G)	C	Florida State University	Chemical & Biomedical Engineering	FSU-CRC	Other						
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR	Florida State University-CRC	Other						
Liliya Vugmeyster (S)	PI	University of Colorado, Denver	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM111681	**P19439**	Variant-specific dynamics of amyloid-beta fibrils by solid-state deuteron NMR.	Biology, Biochemistry, Biophysics	7	20
Alexander Greenwood (S)	C	University of Cincinnati	Department of Chemistry	CU Denver CLAS/start up fund	Other						
Dmitry Ostrovsky (S)	C	University of Alaska, Anchorage	Mathematics								
Elan Eisenmesser (S)	PI	University of Colorado, Denver	Biochemistry & Molecular Genetics	NSF	CHE - Chemistry	CHE1807326	**P19441**	SARS-CoV Nucleocapsid protein dynamics and their role in host protein interactions.	Biology, Biochemistry, Biophysics	1	10
Isabelle Marcotte (S)	PI	University of Quebec at Montreal	Chemistry	NSF	MCB - Molecular and Cellular Biosciences	MCB1942665	**P19442**	Chlamydomonas reinhardtii cell-wall and whole cell glycan architecture studied by high-field and DNP Solid-State NMR	Biology, Biochemistry, Biophysics	3	16
Fabien Deligey (P)	C	Louisiana State University	Chemistry	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI151321					
Malitha Dickwella Widanage (G)	C	Louisiana State University	chemistry								
Liyanage Fernando (G)	C	Michigan State University	Chemistry								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Xue Kang (P)	C	Louisiana State University	Chemistry								

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Alex Kirui (G)	C	Louisiana State University	Chemistry								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
S. Shekar (P)	C	Louisiana State University	chemistry								
Tuo Wang (S)	C	Michigan State University	Chemistry								
Hui Yang (S)	C	Pennsylvania State University	Department of Biology								
Wancheng Zhao (G)	C	Michigan State University	Chemistry								
Ashley Blue (T)	PI	National High Magnetic Field Laboratory	NHMFL	No other support			**P19456**	NMR System Maintenance	Development of Magnet Technology	10	167
William Brey (S)	C	National High Magnetic Field Laboratory	NMR	No other support		GM122698					
Justin Douglas (S)	C	University of Kansas	Molecular Structures Group	NIH	NIGMS - National Institute of General Medical Sciences	GM122698					
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Petr Gor'kov (S)	C	National High Magnetic Field Laboratory	CIMAR								
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Jaekyun Jeon (P)	C	National Institutes of Health	Laboratory of Chemical Physics								
Joanna Long (S)	C	University of Florida	Biochemistry & Molecular Biology								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Jose Uribe (G)	C	University of California, Irvine	Chemistry								
Xiaoling Wang (S)	C	California State University, East Bay	Chemistry								
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Blake Wilson (P)	C	National Institutes of Health	Laboratory of Chemical Physics, National Institute for Diabetes and Digestive and Kidney Diseases								
Sungsool Wi (S)	PI	National High Magnetic Field Laboratory	NMR	No other support			**P19492**	Utilization of 1H-1H correlation schemes for the structural study of perdeuterated/non-perdeuterated 13C and/or 15N-labeled biosolids	Biology, Biochemistry, Biophysics	17	104
Carolina Solis Maldonado (S)	C	Veracruzan University	Chemical Sciences	NSF	CHE - Chemistry	CHE2203405					
Adam Altenhof (G)	C	Florida State University	Chemistry and Biochemistry								
David De Haro Del Rio (G)	C	Autonomous University of Nuevo León	FACULTAD DE CIENCIAS QUIMICAS								
Rivera de la Rosa (S)	C	Autonomous University of Nuevo León	Chemical Engineering								
Lucio Frydman (S)	C	National High Magnetic Field Laboratory	NMR								
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Marco Garza-Navarro (S)	C	Autonomous University of Nuevo León	FACULTAD DE INGENIERIA MECANICA Y ELECTRICA								
Anton Hanopolsky (G)	C	Weizmann Institute of Science	Chemical and Biological Physics								
Michael Jaroszewicz (G)	C	University of Windsor	Chemistry								
James Kimball (G)	C	Florida State University	Chemistry								
Józef Lewandowski (S)	C	University of Warwick	Chemistry								
Kwang Hun Lim (S)	C	East Carolina University	Chemistry								
Carlos Javier Lucio Ortiz (S)	C	Autonomous University of Nuevo León	FACULTAD DE CIENCIAS QUIMICAS								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Francisco José Morales-Leal (S)	C	Autonomous University of Nuevo León	Chemical Sciences								
Mihajlo Novakovic (G)	C	Weizmann Institute of Science	Chemical and Biological Physics								

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Evelin Ruiz-Zamora (G)	C	Autonomous University of Nuevo León	Chemistry								
Ladislao Sandoval-Rangel (P)	C	Monterrey Institute of Technology and Higher Education	Escuela de Ingeniería y Ciencias								
Neeraj Sinha (S)	C	Centre of Bio-Medical Research (CBMR)	Bio-medical department								
Murari Soundararajan (P)	C	National High Magnetic Field Laboratory	CIMAR, NMR								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Shengyu Wang (P)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Ge Yu (S)	C	Florida State University	Chemistry								
Yining Huang (S)	PI	University of Western Ontario	Chemistry	NSERC of Canada	Other		**P19515**	17O and 91Zr solid-state NMR of metal-organic frameworks at 35.2 T	Chemistry	4	20
Kuizhi Chen (P)	C	National High Magnetic Field Laboratory	NMR								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Vinicius Martins (G)	C	University of Western Ontario	Chemistry								
Jeffery White (S)	C	Oklahoma State University	Chemical Engineering								
Wanli Zhang (G)	C	University of Western Ontario	Chemistry								
Tim Cross (S)	PI	National High Magnetic Field Laboratory	NHMFL/Chemistry & Biochemistry	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI119178	**P19516**	Structural Characterization of SARS-CoV-2 E protein in lipid bilayer with Solid-State NMR	Biology, Biochemistry, Biophysics	34	219.5
Wenhao Hu (G)	C	Florida State University	Chemistry and Biochemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM122698					
Yan-Yan Hu (S)	C	Florida State University	Chemistry & Biochemistry								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Lisa Monluc (G)	C	Florida State University	Department of Chemistry and Biochemistry								

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Lisa Monluc (G)	C	Florida State University	Chemistry								
Joana Paulino (P)	C	National High Magnetic Field Laboratory	CIMAR								
Huajun Qin (T)	C	Florida State University	Chemistry & Biochemistry								
Anna Wright (G)	C	National High Magnetic Field Laboratory	Molecular Biophysics								
Rongfu Zhang (P)	C	National High Magnetic Field Laboratory	NHMFL								
Huan-Xiang Zhou (S)	C	University of Illinois at Chicago	Physics and Chemistry								
Danielle Laurencin (S)	PI	University of Montpellier	Institut Charles Gerhardt de Montpellier	ERC	Other		**P19532**	Identification of interfacial bonding environments in functional nanomaterials and biomaterials using high resolution solid state NMR at (ultra)-high fields	Chemistry	10	46
Chia-Hsin Chen (P)	C	French National Center for Scientific Research	Institut Charles Gerhardt de Montpellier	CNRS	Other						
Pierre Florian (S)	C	French National Center for Scientific Research	CEMTHI	ERC	Other	772204					
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL	ANR	Other	TOGETHER Project					
Christel Gervais (S)	C	Sorbonne University	Laboratoire de Chimie de la Matière Condensée	ANR	Other	"TOGETHER" project					
Ieva Goldberga (P)	C	French National Center for Scientific Research	Institut Charles Gerhardt de Montpellier								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
César Leroy (P)	C	French National Center for Scientific Research	ICGM - UMR 5253								
Adam Nelson (G)	C	Sorbonne University	Chemistry								
Cesario Borlongan (S)	PI	University of South Florida	College of Medicine, Neurosurgery	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS102395	**P19565**	In vivo assessment of cell-derived therapies for treatment of stroke: 23Na MRI and 1H MRS	Biology, Biochemistry, Biophysics	19	44
Catherine Amiens (S)	C	University of Toulouse	Chemistry	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS115490					

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Jacob Athey (U)	C	Florida State University	Chemical & Biomedical Engineering								
Frederick Bagdasarian (G)	C	Florida State University	College of Engineering								
Jamini Bhagu (G)	C	Florida State University	Chemical ENG								
Bruce Bunnell (S)	C	Tulane University	Pharmacology								
Liang Du (G)	C	Florida State University	Department of Chemistry and Biochemistry								
Debra Fadool (S)	C	Florida State University	Biological Sciences								
Shannon Helsper (G)	C	National High Magnetic Field Laboratory	NMR								
David Hike (G)	C	Florida State University	Chemical and Biomedical Engineering								
Jea-Young Lee (P)	C	University of South Florida	Center of Excellence for Aging & Brain Repair								
Hedi Mattoussi (S)	C	Florida State University	Chemistry & Biochemistry								
nada Nosratabad (G)	C	Florida State University	Biochemistry and Molecular Biology								
Jenna Radovich (G)	C	Florida State University	Chemical & Biomedical Engineering								
Jens Rosenberg (S)	C	University of Florida	AMRIS								
Alfredo Scigliani (G)	C	Florida State University	Chemical & Biomedical Engineering								
Wentao Wang (G)	C	Florida State University	Biochemistry and Molecular Biology								
Kaya Xu (P)	C	University of South Florida	Center of Excellence for Aging & Brain Repair								
Xuegang Yuan (G)	C	Florida State University	Chemical & Biomedical Engineering								
Leonard Mueller (S)	PI	University of California, Riverside	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM097569	**P19571**	DNP-Enabled Solid-State NMR of PLP Enzymes: Tyrosine Phenol Lyase	Chemistry	8	69
Paul Bogie (S)	C	University of Riverside	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM122698					

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Richard Bogie (S)	C	University of Riverside	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM137008					
Yuliana Bosken (S)	C	University of California, Riverside	Chemistry								
Maria Luiza Caldas Nogueira (P)	C	University of Florida	Biochemistry and Molecular Biology								
Bethany Caulkins (G)	C	University of California, Riverside	Chemistry								
chia-en Chang (S)	C	University of California, Riverside	Chemistry								
Victoria Drango (G)	C	University of Toledo	Chemistry								
Michael Dunn (S)	C	University of California, Riverside	Biochemistry								
Rittik Ghosh (G)	C	University of California, Riverside	Chemistry								
Adam Gill (P)	C	University of Riverside	Chemistry								
Alia Hassan (S)	C	Bruker Biospin AG	Chemistry								
Eduardo Hilario (S)	C	University of Riverside	Chemistry								
Jacob Holmes (G)	C	University of California, Riverside	Chemistry								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Joanna Long (S)	C	University of Florida	Biochemistry & Molecular Biology								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Timothy Mueser (S)	C	University of Toledo	Chemistry								
Joana Paulino (P)	C	National High Magnetic Field Laboratory	CIMAR								
Gwladys Riviere (P)	C	Max Planck Institute for Biophysical Chemistry, Goettingen	German Center for Neurodegenerative Diseases								
Jennifer Romero (G)	C	University of Riverside	Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Xiaoling Wang (S)	C	California State University, East Bay	Chemistry								
Robert Young (S)	C	Pacific Northwest National Laboratory	Chemistry								
Michael Famiano (S)	PI	Western Michigan University	Physics	Moore Foundation	US Foundation	7799	**P19582**	Applications of NMR to Astrobiology: Measurement of Shielding Tensor Components of Chiral Molecules	Biology, Biochemistry, Biophysics	3	25
Shiva Agarwal (G)	C	Western Michigan University	Physics	Moore Foundation	Other	7799					
Sonjong Hwang (S)	C	California Institute of Technology	Chemistry and Chemical Engineering								
Gellert Mezei (S)	C	Western Michigan University	Chemistry								
John Miller (S)	C	Western Michigan University	Chemistry Dept								
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Kwang Hun Lim (S)	PI	East Carolina University	Chemistry	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS097490	**P19589**	Characterization of Structural Features of Cytotoxic Transthyretin Oligomers and their Interaction with Membranes	Biology, Biochemistry, Biophysics	4	27
Mathew Coats (G)	C	East Carolina University	Chemistry								
Anvesh Kumar Reddy Dasari (G)	C	East Carolina University	Chemistry								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Sujung Yi (G)	C	East Carolina University	Chemistry								
Alexander Baer (P)	PI	University of Kassel	Zoology	German Research Foundation	Non US Foundation	MA 4147/7-2	**P19600**	Study of the Euperipatoides rowelli velvet worm slime and its unique high molecular weight phosphonated proteins by DNP Solid-State NMR	Biology, Biochemistry, Biophysics	3	21.5
Alexander Baer (P)	C	University of Kassel	Zoology	European Research Council	Other Non US Federal Agency	101008500					
Pierre Florian (S)	C	French National Center for Scientific Research	CEMTHI								
Matthew Harrington (S)	C	McGill University	Department of chemistry								

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Isabelle Marcotte (S)	C	University of Quebec at Montreal	Chemistry								
Georg Mayer (S)	C	University of Kassel	Zoology								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Alexandre Poulhazan (G)	C	University of Quebec at Montreal	Chemistry								
Stephan Schmidt (S)	C	Heinrich Heine University Düsseldorf	Institut für Organische Chemie und Makromolekulare Chemie								
Aaron Rossini (S)	PI	Iowa State University	Chemistry	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1916809	**P19606**	High-Field Solid-State NMR of Heterogeneous Catalysts and Inorganic Materials	Chemistry	3	17
Rick Dorn (G)	C	Iowa State University	Chemistry								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Tim Murphy (S)	PI	National High Magnetic Field Laboratory	Operations	No other support			**P19611**	Testing of DCFF magnets, power supplies and associated equipment	Condensed Matter Physics	1	4
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Troy Brumm (T)	C	National High Magnetic Field Laboratory	DC Field								
Robert Nowell (T)	C	National High Magnetic Field Laboratory	DC User Support								
Andy Powell (S)	C	National High Magnetic Field Laboratory	Operations								
Julia Smith (S)	C	National High Magnetic Field Laboratory	DC Field								
Eric Stiers (O)	C	National High Magnetic Field Laboratory	DC Field								
Sujana Sri Venkat Uppalapati (O)	C	National High Magnetic Field Laboratory	DC Field Facility								

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Ercan Cakmak (S)	PI		Oak Ridge National Laboratory	Materials Science and Technology	DOE	Other	N/A FEAA155	**P19640**	Solid State C13 NMR Measurements of Industrially Relevant Coals to Aid in the Development of Advanced Coal Molecular Models with Predictive Capabilities	Chemistry	2	17
Stephan Irle (S)	C		Oak Ridge National Laboratory	Computational Sciences and Engineering Division	DOE	Other	N/A					
Gang Seob Jung (S)	C		Oak Ridge National Laboratory	Computational Science and Engineering Division								
Edgar Lara-Curzio (S)	C		Oak Ridge National Laboratory	Materials Science & Technology Division								
Jonathan Mathews (S)	C		Pennsylvania State University	Energy and Mineral Engineering								
Sungsool Wi (S)	C		National High Magnetic Field Laboratory	NMR								
Bo Chen (S)	PI		University of Central Florida	Department of Physics	No other support			**P19664**	Molecular Basis of Tunable Iridescence of Cephalopods	Biology, Biochemistry, Biophysics	4	31
Zhehong Gan (S)	C		National High Magnetic Field Laboratory	NHMFL	NSF	MCB - Molecular and Cellular Biosciences	MCB1856055					
Ivan Hung (S)	C		National High Magnetic Field Laboratory	CIMAR/NMR								
Md Imran Khan (P)	C		University of Central Florida	Physics								
Marina Ilkaeva (S)	PI	*	University of Aveiro	Department of Chemistry	Fundação para a Ciência ea Tecnologia: FCT	Non US Foundation		**P19665**	Atomic-level understanding of the sorption mechanisms in Li silicate sorbents for pre-combustion CO2 capture	Development of Magnet Technology	3	14
Pierre Florian (S)	C		French National Center for Scientific Research	CEMTHI	Fundação para a Ciência ea Tecnologia: FCT	Other						
Luís Mafra (S)	C		University of Aveiro	Chemistry								
Ildefonso Marin-Montesinos (S)	C		University of Aveiro	Chemistry								
Daniel Pereira (G)	C		University of Aveiro	CICECO-Aveiro Institute of Materials								
Mariana Sardo (S)	C		University of Aveiro	Chemistry								
Katherine Henzler-Wildman (S)	PI		University of Wisconsin, Madison	Biochemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM141748	**P19681**	17O NMR of Ion Channels	Biology, Biochemistry, Biophysics	1	4
Vilius Kurauskas (P)	C		University of Wisconsin, Madison	Biochemistry								
Lothar Schad (S)	PI		Heidelberg University	Computer Assisted Clinical Medicine	DAAD - German Academic Exchange Service	Other Non US Federal Agency		**P19689**	Characterization of sodium MR environments	Biology, Biochemistry, Biophysics	12	33

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Eric Gottwald (S) Dennis Kleimaier (G) Simon Reichert (G) Victor Schepkin (S)	C C C C	Karlsruhe Institute of Technology Heidelberg University Heidelberg University National High Magnetic Field Laboratory	Institute for Biological Interfaces (IBG 5) Computer Assisted Clinical Medicine Medical Faculty Mannheim CIMAR	DAAD - Germman Academic Exchange Service Heidelberg University German Academic Exchange Service (DAAD) German Academic Exchange Service German Academic Exchange Service	Other Non US Federal Agency Non US College and University Non US Foundation Other Non US Federal Agency Non US Foundation			based on T1 and T2 TQ signals			
Frederic Mentink (S) Thierry Dubroca (S) Thomas Halbritter (P) Joanna Long (S) Thorsten Maly (S) Faith Scott (P) Snorri Sigurdsson (S)	PI C C C C C C	National High Magnetic Field Laboratory National High Magnetic Field Laboratory University of Iceland University of Florida Bridge12, Technologies, Inc. National High Magnetic Field Laboratory University of Iceland	CIMAR EMR Chemistry Biochemistry & Molecular Biology R&D Biochemistry & Molecular Biology Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM122698	**P19765**	P41 MAS-DNP probe development	Biology, Biochemistry, Biophysics	5	38
Ayyalusamy Ramamoorthy (S) Riqiang Fu (S) Sam McCalpin (G) Rongfu Zhang (P)	PI C C C	University of Michigan National High Magnetic Field Laboratory University of Michigan National High Magnetic Field Laboratory	Chemistry & Biophysics NMR Chemistry NHMFL	NIH	NIGMS - National Institute of General Medical Sciences	GM351395	**P19766**	Measurement of 17O Residual Quadrupolar Couplings in Small Molecules Using Lipid Nanodiscs	Chemistry	1	4
Robbie Iuliucci (S) Angelika Dewicki (U) Sean Holmes (P) Rosalynn Quiñones (S) Robert Schurko (S)	PI C C C C	Washington and Jefferson College Washington and Jefferson College Florida State University Marshall University Florida State University	Chemistry Chemistry Chemistry and Biochemistry Chemistry Chemistry	No other support			**P19772**	NMR Crystallography of Pharmaceuticals and Biologically Relevant Nanocrystals Augmented by Multinuclear High Field Solid-State NMR	Chemistry	3	6

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Carsten Sievers (S)	PI	*	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering	LyondellBasell		N/A	**P19774**	Spatially and time resolved evolution of carbonaceous deposits on an isomerization catalyst	Chemistry	1	11
Karoline Hebisch (G)	C		Georgia Institute of Technology	Chemical and Biomolecular Engineering								
Anil Mehta (S)	C		University of Florida	AMRIS								
Frederic Mentink (S)	C		National High Magnetic Field Laboratory	CIMAR								
Myriam Cotten (S)	PI		College of William and Mary	Applied Science	NSF	MCB - Molecular and Cellular Biosciences	MCB1716608	**P19777**	Leveraging Solid-State NMR to Investigate Host Defense Mechanisms at Biological Membranes	Biology, Biochemistry, Biophysics	12	66
Riqiang Fu (S)	C		National High Magnetic Field Laboratory	NMR	NIH	NIGMS - National Institute of General Medical Sciences	GM126527					
Evan Goodell (G)	C		College of William and Mary	Applied Science								
Mary Rooney (G)	C		College of William and Mary	Applied Science								
Andrea Zourou (G)	C		College of William and Mary	Applied Science								
Eric Breynaert (S)	PI		Catholic University Leuven	M2S	FWO Vlaanderen	Non US Foundation	V401721N	**P19796**	NMR for Convergence Research with focus on Nanoporous materials, Molecular Water Science, Energy and Food and Health Science	Chemistry	18	74
Clifford (Russ) Bowers (S)	C		University of Florida	Chemistry	FWO Vlaanderen	Non US Foundation	G083318N					
Zhehong Gan (S)	C		National High Magnetic Field Laboratory	NHMFL								
Samuel Grant (S)	C		National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
James Kimball (G)	C		Florida State University	Chemistry								
Victor Schepkin (S)	C		National High Magnetic Field Laboratory	CIMAR								
Robert Schurko (S)	C		Florida State University	Chemistry								
Cameron Vojvodin (G)	C		Florida State University	Chemistry and Biochemistry								
Sungsool Wi (S)	C		National High Magnetic Field Laboratory	NMR								
Yijue Xu (P)	C		National High Magnetic Field Laboratory	solid-state NMR								
Xiaodan Gu (S)	PI		University of Southern Mississippi	Polymer Sience and Engineering	DOE	BES – Basic Energy Sciences	DESC0022050	**P19855**	Illuminating the Rigid Amorphous Fraction of	Development of Magnet Technology	2	10

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Adam Altenhof (G)	C	Florida State University	Chemistry and Biochemistry					Conjugated Polymers and its Pivotal Influence on Optoelectronic Behavior			
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Robert Schurko (S)	C	Florida State University	Chemistry								
Robert Smith (G)	C	National High Magnetic Field Laboratory									
Zhehong Gan (S)	PI	National High Magnetic Field Laboratory	NHMFL	No other support			**P19856**	Development and implementation of solid-state NMR methods at high magnetic fields	Chemistry	16	100
William Brey (S)	C	National High Magnetic Field Laboratory	NMR								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Ilya Litvak (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Wenping Mao (P)	C	National High Magnetic Field Laboratory	NMR								
Robert Schurko (S)	C	Florida State University	Chemistry								
Yijue Xu (P)	C	National High Magnetic Field Laboratory	solid-state NMR								
Jeffrey Schiano (S)	PI	Pennsylvania State University	Electrical Engineering	NIH	NIGMS - National Institute of General Medical Sciences	GM122698	**P19858**	Flux Regulation for Powered Magnets	Engineering	2	6
William Brey (S)	C	National High Magnetic Field Laboratory	NMR								
Ilya Litvak (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Waroch Tangbampensountorn (G)	C	Pennsylvania State University	Electrical Engineering								
Sabyasachi Sen (S)	PI	University of California, Davis	Chemical Engineering and Materials Science	NSF	DMR - Division of Materials Research	DMR1855176	**P19876**	High-Field NMR Investigation of the Structural Evolution during Nucleation in Glass-Ceramics: Towards an Atomistic Understanding	Engineering	13	83
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Bing Yuan (G)	C	University of California, Davis	Engineering								
Bradley Nilsson (S)	PI	University of Rochester	Chemistry	NSF	CHE - Chemistry	CHE1904528	**P19881**	Interrogating the packing architecture of self-assembled biomaterials	Biology, Biochemistry, Biophysics	3	13
Hannah Distaffen (G)	C	University of Rochester	Chemistry								
Elena Quigley (G)	C	University of Rochester	Chemistry								
Robert Schurko (S)	PI	Florida State University	Chemistry	NSF	CHE - Chemistry	CHE2003854	**P19885**	Multinuclear Solid-State NMR of Quadrupolar Nuclei in Active Pharmaceutical Ingredients: New Pathways for the Characterization of Polymorphs, Hydrates, Cocrystals, and Dosage Forms	Chemistry	130	437.5
Christer Aakeroy (S)	C	Kansas State University	Chemistry and Biochemistry	Florida State University	US College and University	Startup					
Louae Abdulla (G)	C	University of Windsor	Chemistry	Florida State University	US College and University	Start up funds					
Adam Altenhof (G)	C	Florida State University	Chemistry and Biochemistry	National High Magnetic Field Laboratory	US Government Lab	Start-up funds from DMR-1644779					
Jochen Autschbach (S)	C	University of Buffalo	Chemistry								
Eric Breynaert (S)	C	Catholic University Leuven	M2S								
Zach Dowdell (G)	C	Florida State University	Chemistry								
Carl Fleischer (G)	C	Florida State University	Chemistry								
Tomislav Friscic (S)	C	McGill University	Chemistry								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ieva Goldberga (P)	C	French National Center for Scientific Research	Institut Charles Gerhardt de Montpellier								
James Harper (S)	C	Brigham Young University (BYU)	Chemistry and Biochemistry								
Anthony Hoffman (G)	C	Florida State University	Chemistry and Biochemistry								
Sean Holmes (P)	C	Florida State University	Chemistry and Biochemistry								
James Hook (S)	C	University of New South Wales	Chemistry								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Robbie Iuliucci (S)	C	Washington and Jefferson College	Chemistry								
Michael Jaroszewicz (G)	C	University of Windsor	Chemistry								
James Kimball (G)	C	Florida State University	Chemistry								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Danielle Laurencin (S)	C		University of Montpellier	Institut Charles Gerhardt de Montpellier						
Harris Mason (S)	C		Los Alamos National Laboratory	Chemistry						
Frederic Mentink (S)	C		National High Magnetic Field Laboratory	CIMAR						
Thomas-Xavier Métro (S)	C		Institut des Biomolécules Max Mousseron	Equipe Chimie Verte et Technologies Innovantes						
Austin Peach (G)	C		Florida State University	Chemistry and Biochemistry						
Adam Phillips (P)	C		University of Buffalo	Chemistry						
David Quezada Estrada (G)	C		Florida State University	Chemistry & Biochemistry Department						
Jeremy Rawson (S)	C		University of Windsor	Department of Chemistry and Biochemistry						
Jazmine Sanchez (G)	C		Florida State University	Chemistry and Biochemistry						
Jasmin Schoenzart (G)	C		Florida State University	Chemistry and Biochemistry						
Faith Scott (P)	C		National High Magnetic Field Laboratory	Biochemistry & Molecular Biology						
Robert Smith (G)	C		National High Magnetic Field Laboratory							
Robert Smith (G)	C		Florida State University	Chemistry and Biochemistry						
Jessica Spackova (P)	C		University of Montpellier	Chemistry						
Albert Stiegman (S)	C		Florida State University	Chemistry						
Sara Termos (G)	C		Florida State University	Department of Chemistry and Biochemistry						
Cameron Vojvodin (G)	C		Florida State University	Chemistry and Biochemistry						
Lara Watanabe (G)	C		University of Windsor	Chemistry and Biochemistry						
Yijue Xu (P)	C		National High Magnetic Field Laboratory	solid-state NMR						
Kristopher Harris (S)	PI	*	Louisiana Tech University	Chemistry	NASA NNH21ZHA004C	**P19886**	Determining disorder and edge	Chemistry	1	2

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Robert Schurko (S)	C		Florida State University	Chemistry					terminations in 2D-flake nanomaterials			
Robert Smith (G)	C		Florida State University	Chemistry and Biochemistry								
Terry Gullion (S)	PI	*	West Virginia University	Chemistry	No other support			**P19889**	DNP-MAS of Honey Bee Wings	Biology, Biochemistry, Biophysics	3	17.5
Samuel Eddy (G)	C		West Virginia University	Chemistry								
Frederic Mentink (S)	C		National High Magnetic Field Laboratory	CIMAR								
Faith Scott (P)	C		National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Sungsool Wi (S)	C		National High Magnetic Field Laboratory	NMR								
Eric Breynaert (S)	PI		Catholic University Leuven	M2S	FWO Vlaanderen	Non US Foundation	V401721N	**P19898**	Dependence of field homogeneity on chip capacitors used in loop gap resonator coils	Development of Magnet Technology	1	2
Petr Gor'kov (S)	C		National High Magnetic Field Laboratory	CIMAR								
Tuo Wang (S)	PI		Michigan State University	Chemistry	NSF	MCB - Molecular and Cellular Biosciences	MCB1942665	**P19901**	Solid-State NMR and DNP Investigations of Moss Carbohydrates and Biomaterials	Biology, Biochemistry, Biophysics	6	40
Fabien Deligey (P)	C		Louisiana State University	Chemistry	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI149289					
Liyanage Fernando (G)	C		Michigan State University	Chemistry								
Mark Frank (G)	C		Pennsylvania State University	Biochemistry and Molecular Biology								
Sung Hyun Cho (S)	C		Pennsylvania State University	Biochemistry and Molecular Biology								
Alex Kirui (G)	C		Louisiana State University	Chemistry								
Frederic Mentink (S)	C		National High Magnetic Field Laboratory	CIMAR								
B. Nixon (S)	C		Pennsylvania State University	Biochemistry and Molecular Biology								
Faith Scott (P)	C		National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
S. Shekar (P)	C		Louisiana State University	chemistry								
Matthew Swulious (S)	C		Pennsylvania State University	Biochemistry and Molecular Biology								
Ping Wang (S)	C		University of Louisiana at Lafayette	Microbiology, Immunology & Parasitology								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Wancheng Zhao (G)	C		Michigan State University	Chemistry								
Dylan Murray (S)	PI		University of California Davis	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM142892	**P19910**	Molecular Determinants for the Assembly of Low Complexity Protein Domains	Biology, Biochemistry, Biophysics	5	31
Estely Carranza (G)	C		University of California, Davis	Chemistry								
Daniel Farb (G)	C		University of California, Davis	Chemistry								
Blake Fonda (G)	C		University of California, Davis	Chemistry								
Ivan Hung (S)	C		National High Magnetic Field Laboratory	CIMAR/NMR								
Khaled Jami (G)	C		University of California, Davis	Chemistry								
Steven McKnight (S)	C		University of Texas, Southwestern	Medical Center								
Kayla Osumi (G)	C		University of California, Davis	Chemistry								
Vasily Sysoev (P)	C		University of Texas, Southwestern	Biochemistry								
Yuuki Wittmer (G)	C		University of California, Davis	Chemistry								
Pierre Florian (S)	PI	*	French National Center for Scientific Research	CEMTHI	No other support			**P19959**	27Al MAS NMR spectra at 1.5 GHz in alkali feldspars	Chemistry	1	7
Pierre Florian (S)	C		French National Center for Scientific Research	CEMTHI								
Daniel Lee (S)	PI		University of Manchester	Chemical Engineering	EPSRC (UK)	Other		**P19960**	MAS-DNP for structural investigations of porous materials	Chemistry	1	4
Jiangnan Li (P)	C		University of Manchester	Chemistry								
Frederic Mentink (S)	C		National High Magnetic Field Laboratory	CIMAR								
Luis Sánchez-Muñoz (S)	PI	*	Consejo Superior de Investigaciones Científicas	Geology	No other support			**P19961**	27Al MAS NMR spectra at 1.5 GHz in alkali feldspars	Chemistry	1	4
Pierre Florian (S)	C		French National Center for Scientific Research	CEMTHI								
Yuanzheng Yue (S)	PI	*	Aalborg University	Department of Chemistry and Bioscience	The Independent Research Fund Denmark	Other	1026-00318B	**P19967**	Probing the local structure of metal-organic frameworks via high field NMR	Development of Magnet Technology	2	7
Zhehong Gan (S)	C		National High Magnetic Field Laboratory	NHMFL								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Ivan Hung (S)	C		National High Magnetic Field Laboratory	CIMAR/NMR								
Olivier Lafon (S)	PI		University of Lille	Chemical Engineering	CNRS	Non US Government Lab		**P19969**	67Zn and 33S NMR of ZnS and ZnS/ZnO nanocrystals at 35.2 T	Chemistry	2	9
Yannick Coppel (S)	C		French National Center for Scientific Research	LCC								
Myrtil Kahn (S)	C		French National Center for Scientific Research	LCC								
Hiroki Nagashima (S)	C		National Institute of Advanced Industrial Science and Technology	Interdisciplinary Research Center for Catalytic Chemistry								
Julien Trebosc (S)	C		University of Lille	Unite de Catalyse et de Chimie du Solide								
Zachary Smith (S)	PI	*	Massachusetts Institute of Technology	Chemical Engineering	DOE	ECRP - Early Career Research Program	DE-SC0019087	**P19973**	Correlating chemical and physical properties with gas transport properties for gas separation membranes	Engineering	3	16
Richa Dubey (G)	C		Centre of Biomedical Research	Department of Advanced Spectroscopy and Imaging								
Navneet Dwivedi (G)	C		Integral University	Physics								
Taigyu Joo (G)	C		Massachusetts Institute of Technology	Chemical Engineering								
Hyunhee Lee (G)	C		Massachusetts Institute of Technology	Chemical Engineering								
Neeraj Sinha (S)	C		Centre of Bio-Medical Research (CBMR)	Bio-medical department								
Sungsool Wi (S)	C		National High Magnetic Field Laboratory	NMR								
Jing Ying Yeo (G)	C		Massachusetts Institute of Technology	Chemical Engineering								
David Bryce (S)	PI		University of Ottawa	Department of Chemistry and Biomolecular Sciences	Natural Sciences and Engineering Research Council Canada	Non US Council		**P19976**	Rhenium-185-187 Solid-State NMR Investigation of Non-Covalent Matere Bonds	Chemistry	8	50
Riqiang Fu (S)	C		National High Magnetic Field Laboratory	NMR								
Zhehong Gan (S)	C		National High Magnetic Field Laboratory	NHMFL								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Ivan Hung (S)	C		National High Magnetic Field Laboratory	CIMAR/NMR								
Yijue Xu (P)	C		National High Magnetic Field Laboratory	solid-state NMR								
Xinhua Peng (S)	PI	*	University of Science and Technology of China	Physics	NIH	NIGMS - National Institute of General Medical Sciences	GM122698	**P19983**	New 17O NMR method for protein channel water study	Biology, Biochemistry, Biophysics	1	4
Tim Cross (S)	C		National High Magnetic Field Laboratory	NHMFL/Chemistry & Biochemistry								
Riqiang Fu (S)	C		National High Magnetic Field Laboratory	NMR								
Rongfu Zhang (P)	C		National High Magnetic Field Laboratory	NHMFL								
Art Edison (S)	PI	*	University of Georgia	CCRC, Biochemistry and Genetics	NIH	NIGMS - National Institute of General Medical Sciences	GM120151	**P20002**	Probe testing, development, repairs	Engineering	1	3
William Brey (S)	C		National High Magnetic Field Laboratory	NMR								
Nicolas Freytag (S)	C		Bruker Biospin AG	R&D								
Jerris Hooker (P)	C		Florida Agricultural and Mechanical University	NMR								
Lawrence Hornak (S)	C		University of Georgia	School of Electrical and Computer Engineering								
Taylor Johnston (G)	C		Florida State University	Chemistry								
Ilya Litvak (S)	C		National High Magnetic Field Laboratory	CIMAR/NMR								
Matthew Merritt (S)	C		University of Florida	Biochemistry and Molecular Biology								
Vijay Ramaswamy (T)	C		Bruker Biospin AG	n/a								
Omid Sanati (G)	C		University of Georgia	School of Electrical and Computer Engineering								
Jason Thomas (U)	C		University of Florida	Physics								
Jeremy Thomas (P)	C		University of Florida	Biochemistry and Molecular Biology								
Gang Wu (S)	PI		Queen's University at Kingston	Chemistry	NSERC of Canada	Non US Council		**P20014**	Probing the hydrogen atom	Chemistry	6	42

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Zhehong Gan (S)	C		National High Magnetic Field Laboratory	NHMFL					location in short OHN and OHO hydrogen bonds by 17O solid-state NMR			
Ivan Hung (S)	C		National High Magnetic Field Laboratory	CIMAR/NMR								
Michael Harrington (S)	PI		Huntington Medical Research Institutes	Molecular Neurology	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS072497	**P20016**	CSF Dynamics, 23Na Fluxes and Ventricular Anatomy Interplay Between Migraine and Choroid Plexus	Biology, Biochemistry, Biophysics	11	31
Samuel Grant (S)	C		National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Samuel Holder (G)	C		Florida State University	Chemical & Biomedical Engineering								
Abe Kolko (G)	C		University of California, Santa Barbara	Mechanical Engineering								
Linda Petzold (S)	C		University of California, Santa Barbara	Computer Science								
Jenna Radovich (G)	C		Florida State University	Chemical & Biomedical Engineering								
Dayna Richter (G)	C		Florida State University	Chemical & Biomedical Engineering								
Ansgar Siemer (S)	PI		University of Southern California	Physiology and Neuroscience	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS120704	**P20054**	Structural characterization of huntingtin exon-1 oligomers using DNP	Biology, Biochemistry, Biophysics	1	8.5
ralf langen (S)	C		University of Southern California	Physiology and Neuroscience								
Frederic Mentink (S)	C		National High Magnetic Field Laboratory	CIMAR								
Nitin Pandey (S)	C		Keck School of Medicine of USC	Physiology and Neuroscience								
Faith Scott (P)	C		National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Braulio Rodríguez-Molina (S)	PI	*	National Autonomous University of Mexico	Institute of Chemistry	CONACYT	Non US Council		**P20064**	Dynamics in Fluorescent Crystalline Rotors using Solid-State Nuclear Magnetic Resonance	Chemistry	8	29
Jose Luis Belmonte (P)	C		National Autonomous University of Mexico	Institute of Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Carl Fleischer (G)	C	Florida State University	Chemistry								
Ernesto Hernandez-Morales (G)	C	National Autonomous University of Mexico	Institute of Chemistry								
Erick Hernandez-Santiago (G)	C	National Autonomous University of Mexico	Institute of Chemistry								
Jose Mejia-Aleman (G)	C	National Autonomous University of Mexico	Institute of Chemistry								
Armando Navarro-Huerta (G)	C	National Autonomous University of Mexico	Institute of Chemistry								
Lizbeth Rodriguez-Cortes (G)	C	National Autonomous University of Mexico	Institute of Chemistry								
Robert Schurko (S)	C	Florida State University	Chemistry								
Cameron Vojvodin (G)	C	Florida State University	Chemistry and Biochemistry								
Yan-Yan Hu (S)	PI	Florida State University	Chemistry & Biochemistry	NSF	DMR - Division of Materials Research	DMR1720139	**P20081**	In Situ and Operando NMR & MRI Studies of All-Solid-State Batteries	Chemistry	2	9
Yudan Chen (G)	C	Florida State University	Chemistry and Biochemistry								
Po-Hsiu Chien (G)	C	Florida State University	Chemistry and Biochemistry								
Xuyong Feng (P)	C	Florida State University	Chemistry and Biochemistry								
Steven Flynn (P)	C	University of Florida	Physics								
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Xiang Li (P)	C	California Institute of Technology	Physics								
Sawankumar Patel (G)	C	Florida State University	Chemistry								
Kenneth Poeppelmeier (S)	C	Northwestern University	Chemistry								
Aritra Sil (G)	C	Northwestern University	Chemistry								
Mingxue Tang (P)	C	Florida State University	Chemistry & Biochemistry								
Erica Truong (G)	C	Florida State University	Chemistry and Biochemistry								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Yan Xin (S)	C		National High Magnetic Field Laboratory	MST								
Chi Zhang (S)	C		Institute of Semiconductors	State Key Laboratory of Superlattice and Microstructure								
Joseph Zadrozny (S)	PI	*	Colorado State University	Chemistry	NSF	CHE - Chemistry	CHE2047325	**P20082**	Solid-state NMR characterization of 59Co NMR thermometers	Chemistry	6	14
Zhehong Gan (S)	C		National High Magnetic Field Laboratory	NHMFL								
Josef Grundy (G)	C		Colorado State University	Chemistry								
Sean Holmes (P)	C		Florida State University	Chemistry and Biochemistry								
Ivan Hung (S)	C		National High Magnetic Field Laboratory	CIMAR/NMR								
James Kimball (G)	C		Florida State University	Chemistry								
Roxanna Martinez (G)	C		Colorado State University	Chemistry								
Tyler Ozvat (G)	C		Colorado State University	Chemistry								
Stephanie Sanchez (U)	C		Colorado State University	Chemistry								
Robert Schurko (S)	C		Florida State University	Chemistry								
Sara Termos (G)	C		Florida State University	Department of Chemistry and Biochemistry								
Okten Ungor (P)	C		Colorado State University	Chemistry								
Sossina Haile (S)	PI		Northwestern University	Materials Science and Engineering, and Chemistry	NSF	DMR - Division of Materials Research	DMR1720139	**P20084**	Multinuclear Solid-state NMR Investigations of Hydrogen Transport and Transfer in Functional Inorganic Solids	Chemistry	1	18
Yan-Yan Hu (S)	C		Florida State University	Chemistry & Biochemistry								
Erica Truong (G)	C		Florida State University	Chemistry and Biochemistry								
Hui Xiong (S)	PI	*	Boise State University	Materials Science and Engineering	DOE	ASCR - Advanced Scientific Computing Research	DE-SC0019121	**P20087**	7Li and 23Na Solid-State NMR Investigation of High-Performance Cathodes for Na-Ion Batteries	Chemistry	5	79
Michael Deck (G)	C		Florida State University	Chemistry								
Yan-Yan Hu (S)	C		Florida State University	Chemistry & Biochemistry								
Yongkang Jin (G)	C		Florida State University	Chemistry and Biochemistry								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Aaron Wilber (S) Samuel Grant (S) Choogon Lee (S) William McCall (S) Jordan Ogg (T) Jenna Radovich (G)	PI C C C C C	* 	Florida State University National High Magnetic Field Laboratory Florida State University Augusta University Florida State University Florida State University	Psychology Chemical & Biomedical Engineering Biomedical Sciences Psychiatry and Health Behavior Psychology Chemical & Biomedical Engineering	NIH	NIA - National Institute on Aging	AG010700	**P20099**	DTI and rs-fMRI of TgF344-AD Female Rats as a Model of Alzheimer's Disease	Biology, Biochemistry, Biophysics	3	7
Alexander Forse (S) Suzi Pugh (P) Benjamin Rhodes (G)	PI C C	* 	University of Cambridge University of Cambridge University of Cambridge	Chemistry Dr Chemistry	Leverhulme Trust	Non US Foundation		**P20101**	17O NMR studies of CO2 capture mechanism in hydroxide-based materials	Chemistry	1	4
Xiaoling Wang (S) Riqiang Fu (S) Frederic Mentink (S) Michael Shatruk (S) Sungsool Wi (S)	PI C C C C	* 	California State University, East Bay National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Chemistry NMR CIMAR Department of Chemistry and Biochemistry NMR	NSF NSF	CHE - Chemistry DMR - Division of Materials Research	CHE1955754 DMR2003057	**P20105**	Solid-state NMR Investigations of Spin Crossover Complexes	Chemistry	3	31
Jeannine Brady (S) Maria Luiza Caldas Nogueira (P) Joanna Long (S) Qingqing (Emily) Peng (G)	PI C C C	 	University of Florida University of Florida University of Florida University of Florida	Oral Biology Biochemistry and Molecular Biology Biochemistry & Molecular Biology Department of Biochemistry and Molecular Biology	NIH	NIDCR - National Institute of Dental and Craniofacial Research	DE021789	**P20106**	Structural studies of adhesin protein P1 of S. mutans, its quaternary structure, and formation of functional amyloid.	Biology, Biochemistry, Biophysics	1	5
Yanna Liang (P)	PI	*	University at Albany	Environmental and Sustainable Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET95058__	**P20116**	Understanding binding between per- and polyfluoroalkyl	Engineering	1	1

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Weilan Zhang (S)	C	University at Albany	Environmental and Sustainable Engineering					substances (PFAS) and innovative sorbents			
Russell Bowers (S)	C	University of Florida	Chemistry								
Kevin O'Shea (S)	C	Florida International University	Chemistry and Biochemistry								
Jeffrey Reimer (S)	PI	University of California, Berkeley	Chem and BioM Engineering	DOE	Other	JCESR	**P20168**	NMR Investigation of Anti-Perovskite Mg-Ion Solid Electrolytes	Material Science	1	10
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
David Halat (P)	C	Lawrence Berkeley National Laboratory	Materials Sciences Division								
Baris Key (S)	C	Argonne National Laboratory	CSE								
Haoyu Liu (P)	C	Argonne National Laboratory	Chemical Sciences and Engineering Division								
Robert Schurko (S)	C	Florida State University	Chemistry								
Xiaoling Wang (S)	C	California State University, East Bay	Chemistry								
								Total Proposals:	**Experiments:**		**Days:**
								77	**550**		**2,874**

Pulsed Field Facility

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
James Analytis (S)	PI	University of California, Berkeley	Physics	DOE	BES – Basic Energy Sciences	DE-AC02-05CH11231	**P17891**	High field magnetic phase transitions in intercalated transition metal dichalcogenides	Condensed Matter Physics	1	8
Shannon Haley (G)	C	University of California, Berkeley	Physics	Gordon and Betty Moore Foundation	US Foundation	GBMF9067					
Nikola Maksimovic (G)	C	University of California, Berkeley	Physics								
Eran Maniv (S)	C	Ben Gurion University of the Negev	Physics								
Vikram Nagarajan (G)	C	University of California, Berkeley	Physics								
Nityan Nair (G)	C	University of California, Berkeley	Physics								
Josue Rodriguez (G)	C	University of California, Berkeley	Physics								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Chris Palmstrom (S)	PI	University of California, Santa Barbara	ECE-Material Science	DOE	BES – Basic Energy Sciences	DE-SC0014388	**P18013**	Revealing topological properties of Heusler compounds via magneto-transport under high magnetic field.	Condensed Matter Physics	1	5
Shouvik Chatterjee (P)	C	University of California Santa Barbara	Electrical & Computer Engineering								
Connor Dempsey (G)	C	University of California, Santa Barbara	ECE								
Aranya Goswami (G)	C	University of California, Santa Barbara	ECE								
Hadass Inbar (G)	C	University of California, Santa Barbara	Materials								
Tony McFadden (G)	C	University of California, Santa Barbara	ECE								
Johanna Palmstrom (P)	C	Los Alamos National Laboratory (LANL)	MPA-MAG								
Dan Read (S)	C	University of California, Santa Barbara	Materials								
Laurel Winter (S)	PI	National High Magnetic Field Laboratory	Physics	No other support			**P18062**	Testing and development of pulsed field probes	Development of Magnet Technology	1	5
Neil Harrison (S)	PI	National High Magnetic Field Laboratory	Physics	DOE	BES – Basic Energy Sciences	LANLF100	**P19131**	Science of High Magnetic Fields	Biology, Biochemistry, Biophysics	4	39
Ryan Baumbach (S)	C	National High Magnetic Field Laboratory	CMS	DOE	BES – Basic Energy Sciences	F101					
Mun Chan (S)	C	National High Magnetic Field Laboratory	Pulsed field Facility								
Scott Crooker (S)	C	National High Magnetic Field Laboratory	Nat High Magnetic Field Lab								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Priscila Ferrari Silveira Rosa (P)	C	Los Alamos National Laboratory	MPA-CMMS								
Daniel Jackson (P)	C	National High Magnetic Field Laboratory	MPA/MAG								
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								
Rubi Km (P)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Satya Kushwaha (S)	C	Los Alamos National Laboratory	MPA-MAG								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Christopher Mizzi (P)	C	Los Alamos National Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
Joonbum Park (P)	C	Helmholtz Zentrum Dresden-Rossendorf	Dresden High Magnetic Field Laboratory								
William Phelan (S)	C	Los Alamos National Laboratory	MST-16								
Lucas Pressley (G)	C	Johns Hopkins University	Chemistry								
Katherine Schreiber (P)	C	National High Magnetic Field Laboratory	NHMFL Pulsed Field Facility								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Mark Wartenbe (P)	C	Los Alamos National Laboratory	MST-16								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Arkady Shehter (S)	PI	Los Alamos National Laboratory	LANL MPA-MAGLAB	NSF	DMR - Division of Materials Research	DMR1157490	**P19136**	Longitudinal and Hall transport in critically doped cuprates at very high magnetic fields. Field-temperature competition as a signature of quantum criticality.	Condensed Matter Physics	1	10
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS	DOE	BES – Basic Energy Sciences	"Science at 100T"					
Jonathan Betts (S)	C	National High Magnetic Field Laboratory	NHMFL-PFF								
Greg Boebinger (S)	C	National High Magnetic Field Laboratory	Directors Office								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Kimberly Modic (S)	C	Institute of Science and Technology Austria	Physics								
Brad Ramshaw (S)	C	Cornell University	Laboratory of Atomic and Solid State Physics								
James Analytis (S)	PI	University of California, Berkeley	Physics	DOE	MSE - Materials Science and Engineering	DE-SC0205112	**P19137**	High-field phase transitions in the Kitaev hyperhoneycomb beta-Li2IrO3	Condensed Matter Physics	1	5
Nikola Maksimovic (G)	C	University of California, Berkeley	Physics								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Kimberly Modic (S)	C		Institute of Science and Technology Austria	Physics								
Luke Pritchard Cairns (P)	C		University of California, Berkeley	Physics								
Gaia Grimaldi (S)	PI	*	National Research Council CNR	SPIN Institute	CNR	Non US Government Lab		**P19243**	The anisotropy of iron-chalcogenide Fe(Se,Te) thin films: still a puzzling problem	Condensed Matter Physics	1	10
Andrea Augieri (S)	C		ENEA Research Center, Frascati	Fusion and Nuclear Safety								
Giuseppe Celentano (S)	C		ENEA Research Center, Frascati	Fusion and Technology for Nuclear Safety and Security Department								
Masood Khan (G)	C		University of Salerno	Physics								
Antonio Leo (S)	C		University of Salerno	Physics								
Angela Nigro (S)	C		University of Salerno									
Robert McQueeney (S)	PI		Ames Laboratory	physics & astronomy	DOE	BES – Basic Energy Sciences	DE-AC02-07CH11358	**P19250**	Investigation of exotic topological states using high magnetic fields	Condensed Matter Physics	1	5
Anand Bhattacharya (S)	C		Argonne National Laboratory	Materials Science Division & Center for Nanoscale Materials								
Qianheng Du (P)	C		Argonne National Laboratory	Materials Science Division								
Ross McDonald (S)	C		National High Magnetic Field Laboratory	Physics								
Johanna Palmstrom (P)	C		Los Alamos National Laboratory (LANL)	MPA-MAG								
Janice Musfeldt (S)	PI		University of Tennessee, Knoxville	Department of Chemistry	NSF	DMR - Division of Materials Research	DMR1707846	**P19343**	High field spectroscopy of materials with broken symmetry and strong spin-orbit coupling	Chemistry	1	5
Avery Blockmon (G)	C		University of Tennessee, Knoxville	Chemistry								
Minseong Lee (S)	C		Los Alamos National Laboratory	MPA-MAG								
Kiman Park (G)	C		University of Tennessee, Knoxville	Chemistry								
Haidong Zhou (S)	PI		University of Tennessee, Knoxville	Physics and Astronomy	DOE	BES – Basic Energy Sciences	0	**P19406**	Magnetic field-induced quantum phase transitions in a Kitaev spin liquid candidate.	Condensed Matter Physics	1	5
Minseong Lee (S)	C		Los Alamos National Laboratory	MPA-MAG								
Sangyun Lee (P)	C		Los Alamos National Laboratory	MPAQ								
Roman Movshovich (S)	C		Los Alamos National Laboratory	MPA-CMMS								
Vivien Zapf (S)	C		National High Magnetic Field Laboratory	Physics								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Brad Ramshaw (S)	PI		Cornell University	Laboratory of Atomic and Solid State Physics	NSF	DMR - Division of Materials Research	DMR1752784	**P19410**	Seebeck effect in ultra-high magnetic fields to unveil the Fermi surface transformation across the pseudogap critical doping in cuprates	Condensed Matter Physics	1	10
Mun Chan (S)	C		National High Magnetic Field Laboratory	Pulsed field Facility								
Pei-Chun Ho (S)	PI		California State University, Fresno	Physics	NSF	DMR - Division of Materials Research	DMR1905636	**P19415**	Investigation of Valance Transition in Ce1-xRxOs4Sb12 (R = Pr, Nd) and Fermi-Surface Topologies of SmOs4Sb12	Condensed Matter Physics	2	10
Paul Goddard (S)	C		University of Warwick	Department of Physics								
Kathrin Goetze (P)	C		Deutsches Elektronen-Synchrotron DESY	FS-US								
Brian Maple (S)	C		University of California, San Diego	Inst for Pure & Applied Physical Sciences								
John Singleton (S)	C		National High Magnetic Field Laboratory	Physics								
Jeffrey Long (S)	PI	*	University of California, Berkeley	Chemistry	NSF	CHE - Chemistry	CHE2102603	**P19520**	Hard Permanent Magnetism from Mixed-Valence Dilanthanide Complexes with Metal-Metal Bonding	Chemistry	3	22
Neil Harrison (S)	C		National High Magnetic Field Laboratory	Physics								
Hyunchul Kwon (G)	C		University of California, Berkeley	Chemistry								
Lu Li (S)	PI		University of Michigan	Physics	DOE	BES – Basic Energy Sciences	DE-SC0020184	**P19528**	Search for novel electronic and magnetic state in ultraintensive magnetic fields	Condensed Matter Physics	4	20
Aaron Chan (G)	C		University of Michigan	Department of Physics	NSF	DMR - Division of Materials Research	DMR2004288					
Kuan-Wen Chen (P)	C		University of Michigan	Physics								
Kaila Jenkins (G)	C		University of Michigan	Department of Physics								
David Mandrus (S)	C		University of Tennessee, Knoxville	Materials Science and Engineering								
Yuji Matsuda (S)	C		Kyoto University	Physics								
Ziji Xiang (P)	C		University of Michigan	Physics								
Dechen Zhang (G)	C		University of Michigan	Department of Physics								
Guoxin Zheng (G)	C		University of Michigan	Department of Physics								
Matthew Coak (P)	PI		University of Warwick	Department of Physics	European Research Council	Non US Council	681260	**P19533**	High-field properties of two-dimensional magnetic van-der-Waals materials	Condensed Matter Physics	2	15
Geetha Balakrishnan (S)	C		University of Warwick	Physics	EPSRC	Non US Council						
Paul Goddard (S)	C		University of Warwick	Department of Physics	ERC	Non US Council	681260					

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Shroya Vaidya (G)	C	University of Warwick	Department of Physics								
Mun Chan (S)	PI	National High Magnetic Field Laboratory	Pulsed field Facility	DOE	LDRD - Laboratory Directed R&D	DE-ER20-21ER0320_	**P19534**	Unconventional superconductivity in nickelates and cuprates	Condensed Matter Physics	3	20
Ariando Ariando (S)	C	National University of Singapore	Department of Physics/ NUSNNI	DOE	BES – Basic Energy Sciences	LANLF101					
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics	DOE	BES – Basic Energy Sciences	F0101					
Rubi Km (P)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Boris Maiorov (S)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Christopher Mizzi (P)	C	Los Alamos National Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
Joseph Checkelsky (S)	PI	Massachusetts Institute of Technology	Physics	NSF	DMR - Division of Materials Research	DMR1231319	**P19540**	High Field Studies of Novel Layered Materials	Condensed Matter Physics	4	30
Maximilien Debbas (G)	C	Massachusetts Institute of Technology	Physics	DOE	BES – Basic Energy Sciences	DE-SC0022028					
Aravind Devarakonda (P)	C	Columbia University	Physics								
Minyong Han (G)	C	Massachusetts Institute of Technology	Physics								
Caolan John (G)	C	Massachusetts Institute of Technology	Physics								
Paul Neves (G)	C	Massachusetts Institute of Technology	Physics								
Joshua Wakefield (G)	C	Massachusetts Institute of Technology	Physics								
Shu Yang Zhao (P)	C	Massachusetts Institute of Technology	Physics								
Kent (Jingxu) Zheng (P)	C	Massachusetts Institute of Technology	Physics								
Junbo Zhu (G)	C	Massachusetts Institute of Technology	Physics								
Scott Crooker (S)	PI	National High Magnetic Field Laboratory	Nat High Magnetic Field Lab	Los Alamos LDRD	Other		**P19567**	Optical Spectroscopy of "Twisted" Moire Crystals in High Magnetic Fields	Condensed Matter Physics	1	20
Junho Choi (P)	C	Los Alamos National Laboratory	NHMFL								
Xavier Marie (S)	C	National Institute for Applied Sciences, Toulouse	Laboratoire de Physique et Chimie des Nano-objets								
Bernhard Urbaszek (S)	C	National Institute for Applied Sciences, Toulouse	Laboratoire de Physique et Chimie des Nano-objets								

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Cui-Zu Chang (S)	PI	Pennsylvania State University	Physics	NSF	DMR - Division of Materials Research	DMR1847811	**P19621**	Interfacial Superconductivity in Bi2Te3/FeTe Heterostructures under High Magnetic Fields	Condensed Matter Physics	3	23
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Seng Huat Lee (S)	C	Pennsylvania State University	Physics								
Zhiqiang Mao (S)	C	Pennsylvania State University	Department of Physics								
Hemian Yi (P)	C	Pennsylvania State University	Department of physics								
Yi-Fan Zhao (G)	C	Pennsylvania State University	Physics								
Filip Ronning (S)	PI	Los Alamos National Laboratory	MPA-CMMS	DOE	BES – Basic Energy Sciences	E1FR	**P19631**	Magnetically frustrated f-electron intermetallics	Condensed Matter Physics	1	5
Eric Bauer (S)	C	Los Alamos National Laboratory	MST-10								
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Yu Liu (P)	C	Brookhaven National Laboratory	Condensed Matter Physics								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
James Wampler (P)	PI	Los Alamos National Laboratory	MPA-MAG	DOE	Other		**P19634**	In search of quantum spin liquid states in 5f compounds	Condensed Matter Physics	2	16
Priscila Ferrari Silveira Rosa (P)	C	Los Alamos National Laboratory	MPA-CMMS								
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								
Rico Schoenemann (P)	C	Los Alamos National Laboratory	MPA-MAG								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
James Wampler (P)	PI	Los Alamos National Laboratory	MPA-MAG	DOE	EFRC - Energy Frontier Research Centers	DE-SC0019330	**P19635**	Investigation of the field-driven Spin Crossover Transition in a tautomeric Co complex	Condensed Matter Physics	1	5
Minseong Lee (S)	C	Los Alamos National Laboratory	MPA-MAG								
Michael Shatruk (S)	C	National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry								
Ping Wang (P)	C	Florida State University	physics								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Kimberly Modic (S)	PI	*	Institute of Science and Technology Austria	Physics	Institute of Science and Technology Austria	Non US Government Lab		**P19639**	High field resonant torsion in quantum spin liquids	Condensed Matter Physics	1	10
Ross McDonald (S)	C		National High Magnetic Field Laboratory	Physics								
Muhammad Nauman (P)	C		Institute of Science and Technology Austria	Division of Mathematical and Physical Sciences								
Brad Ramshaw (S)	C		Cornell University	Laboratory of Atomic and Solid State Physics								
Arkady Shehter (S)	C		Los Alamos National Laboratory	LANL MPA-MAGLAB								
Valeska Zambra (G)	C		Institute of Science and Technology Austria	Physics								
Nitin Samarth (S)	PI		Pennsylvania State University	Physics	NSF	DMR - Division of Materials Research	DMR2039351	**P19651**	High magnetic field measurements of superconductivity in high Tc FeSe films	Condensed Matter Physics	1	6
Scott Crooker (S)	C		National High Magnetic Field Laboratory	Nat High Magnetic Field Lab								
Yanan Li (G)	C		Pennsylvania State University	Physics Department								
Ross McDonald (S)	C		National High Magnetic Field Laboratory	Physics								
Max Stanley (G)	C		Pennsylvania State University	Physics								
Richard Greene (S)	PI	*	University of Maryland, College Park	Physics	NSF	DMR - Division of Materials Research	DMR2002658	**P19698**	High Field Studies of Electron-Doped Cuprate Thin Films	Condensed Matter Physics	1	5
Joseph Hayden (U)	C		University of Maryland, College Park	Physics								
Tarapada Sarkar (P)	C		University of Maryland, College Park	Physics								
Nicholas Butch (S)	PI		National Institute of Standards and Technology MD	NIST Center for Neutron Research	National Institute of Standards and Technology	US Government Lab		**P19704**	Studies of high-field states of UTe2	Condensed Matter Physics	1	10
Corey Frank (P)	C		National Institute of Standards and Technology MD	NCNR								
Sylvia Lewin (P)	C		University of Maryland, College Park	physics								
Gicela Saucedo Salas (G)	C		University of Maryland, College Park	Physics								
Laurel Winter (S)	C		National High Magnetic Field Laboratory	Physics								
Seng Huat Lee (S)	PI	*	Pennsylvania State University	Physics	NSF	MIP - Materials Innovation Platform	DMR-2039351	**P19710**	Seeking for Exotic Quantum State in Intrinsic	Condensed Matter Physics	1	10

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Su Kong Chong (P)	C		University of California, Los Angeles	Department of Electric and Computer Engineering					Ferromagnetic Topological Insulator MnBi6Te10			
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field CMS								
Yingdong Guan (G)	C		Pennsylvania State University	Physics Department								
Zhiqiang Mao (S)	C		Pennsylvania State University	Department of Physics								
Jun Zhu (S)	C		Pennsylvania State University	Physics								
Yanglin Zhu (G)	C		Tulane University	Department of Physics and Engineering Physics								
Neil Harrison (S)	PI		National High Magnetic Field Laboratory	Physics	LANL Seaborg Institute	US Government Lab		**P19715**	Plutonium in High Magnetic Fields	Condensed Matter Physics	1	3
John Singleton (S)	C		National High Magnetic Field Laboratory	Physics								
Paul Tobash (P)	C		National High Magnetic Field Laboratory	MPA-cmms								
Rubi Km (P)	PI	*	Los Alamos National Laboratory	MPA-MAGLAB	DOE	MSE - Materials Science and Engineering	DE-SC1157490	**P19730**	High-field magnetotransport in two-dimensional electron systems at the complex oxide interfaces	Condensed Matter Physics	2	16
Ariando Ariando (S)	C		National University of Singapore	Department of Physics/ NUSNNI	DOE	BES – Basic Energy Sciences	LANLF101					
Mun Chan (S)	C		National High Magnetic Field Laboratory	Pulsed field Facility								
Neil Harrison (S)	C		National High Magnetic Field Laboratory	Physics								
Christopher Mizzi (P)	C		Los Alamos National Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
Venkat Selvamanickam (S)	PI	*	University of Houston	Mechanical Engineering	DOE	BES – Basic Energy Sciences	DE-SC0016220	**P19815**	Critical current characterization of 4+ um thick film Zr- and Hf-doped RE-Ba-Cu-O tapes in ultra-high magnetic fields	Development of Magnet Technology	1	10
Eduard Galstyan (S)	C		University of Houston	Texas Center for Superconductivity								
Yi Li (S)	C		University of Houston	Mechanical Engineering								
Vamsi Yerraguravagari (G)	C		University of Houston	Mechanical Engineering								
Rongying Jin (S)	PI		University of South Carolina	Department of Physics and Astronomy	University of South Carolina	US College and University		**P19819**	Quantum behavior in a topological material candidate	Condensed Matter Physics	1	10
Joanna Blawat (G)	C		University of South Carolina	Physics and Astronomy								
John Singleton (S)	C		National High Magnetic Field Laboratory	Physics								

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Martin Nikolo (S) Sheng Ran (S)	PI C		Saint Louis University Washington University in St. Louis	Physics Physics	Saint Louis University	US College and University		**P19829**	Investigation of high magnetic field properties of Kondo insulators via tunnel-diode oscillator technique (TDO) and the magnetic torque in pulsed fields	Condensed Matter Physics	1	5
Kemp Plumb (S) Qiaochu Wang (G)	PI C	*	Brown University Brown University	Physics Physics Department	DOE DOE	BES – Basic Energy Sciences BES – Basic Energy Sciences	DESC0021223 DE-SC0021223	**P19836**	Magnetization Plateaus in a Heisenberg Pyrochlore Antiferromagnet	Condensed Matter Physics	2	10
Michael Pettes (S) Marshall Campbell (G) Luis Jauregui (S) Jinyu Liu (G)	PI C C C	*	Los Alamos National Laboratory Los Alamos National Laboratory University of California, Irvine Tulane University	Center for Integrated Nanotechnologies Center for Integrated Nanotechnologies Department of Physics and Astronomy Department of Physics and Engineering Physics	DOE NSF	Other DMR - Division of Materials Research	20210782ER DMR2011967	**P19839**	Anomalous High Field Transport in Dirac Semimetals	Development of Magnet Technology	2	10
Rubi Km (P) Ariando Ariando (S) Mun Chan (S) Neil Harrison (S) Junxiong Hu (P) Christopher Mizzi (P)	PI C C C C C	*	Los Alamos National Laboratory National University of Singapore National High Magnetic Field Laboratory National High Magnetic Field Laboratory National University of Singapore Los Alamos National Laboratory	MPA-MAGLAB Department of Physics/ NUSNNI Pulsed field Facility Physics Physics MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP	DOE	BES – Basic Energy Sciences	LANLF101	**P19841**	High-field magneto-transport on graphene/SrTiO3 devices	Condensed Matter Physics	1	10
Zhiqiang Mao (S) Marcelo Jaime (S) Antu Laha (P) Seng Huat Lee (S) Ross McDonald (S) Lujin Min (G)	PI C C C C C		Pennsylvania State University National High Magnetic Field Laboratory Pennsylvania State University Pennsylvania State University National High Magnetic Field Laboratory Pennsylvania State University	Department of Physics Physics Department of Physics Physics Physics Department of Physics	NSF	DMR - Division of Materials Research	DMR1917579	**P19844**	Seeking bulk quantum Hall effect in the spin-valley locked Dirac semimetal BaMnBi2	Condensed Matter Physics	1	10

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Vivien Zapf (S)	PI		National High Magnetic Field Laboratory	Physics	DOE	BES – Basic Energy Sciences	0	**P19845**	High magnetic field investigation on a Kitaev spin liquid candidate	Condensed Matter Physics	3	20
Minseong Lee (S)	C		Los Alamos National Laboratory	MPA-MAG	DOE	Other	AA-000000000					
Fazel Tafti (S)	C		Boston College	Physics								
Shengzhi Zhang (P)	C		Los Alamos National Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
Emilia Morosan (S)	PI		Rice University	Physics and Astronomy	NSF	DMR - Division of Materials Research	DMR1903741	**P19846**	Magnetic Torque Measurement on BaGa2 and SrGa2 single crystals in pulsed magnetic field	Condensed Matter Physics	1	5
Yuxiang Gao (G)	C		Rice University	Physics and Astronomy								
Neil Harrison (S)	C		National High Magnetic Field Laboratory	Physics								
Shiming Lei (G)	C		Rice University	Physics and Astronomy								
Minseong Lee (S)	PI	*	Los Alamos National Laboratory	MPA-MAG	DOE	BES – Basic Energy Sciences	0	**P19848**	Kitaev spin liquid phase in a 3d transition metal oxides	Development of Magnet Technology	3	19
Marcelo Jaime (S)	C		National High Magnetic Field Laboratory	Physics								
Vivien Zapf (S)	C		National High Magnetic Field Laboratory	Physics								
Shengzhi Zhang (P)	C		Los Alamos National Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
Haidong Zhou (S)	C		University of Tennessee, Knoxville	Physics and Astronomy								
Krista Sawchuk (P)	PI	*	Los Alamos National Laboratory	NHMFL	DOE	BES – Basic Energy Sciences	DE-AC02-07CH11358	**P19912**	High pressure, high field measurements on BaFe2As2	Condensed Matter Physics	1	5
Fedor Balakirev (S)	C		National High Magnetic Field Laboratory	PFF								
Sergey Bud'ko (S)	C		Ames Laboratory	Physics and Astronomy								
Paul Canfield (S)	C		Ames Laboratory	Physics & Astronomy								
Laurel Winter (S)	PI		National High Magnetic Field Laboratory	Physics	No other support			**P19931**	Graphite studies beyond the quantum limit	Condensed Matter Physics	1	5
Greta Chappell (P)	C		Los Alamos National Laboratory	MPA-MAGLAB								
Ross McDonald (S)	C		National High Magnetic Field Laboratory	Physics								
Leah Snyder (O)	C		Los Alamos National Laboratory	Pulsed Field Facility								
Magdalena Owczarek (P)	PI		Los Alamos National Laboratory	CINT	DOE	EFRC - Energy Frontier Research Centers	DE-SC0019330	**P19934**	Spin-electric coupling in molecular magnets	Biology, Biochemistry, Biophysics	2	15

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
George Christou (S) Minseong Lee (S) Michael Shatruk (S) James Wampler (P) Ping Wang (P) Vivien Zapf (S)	C C C C C C		University of Florida Los Alamos National Laboratory National High Magnetic Field Laboratory Los Alamos National Laboratory Florida State University National High Magnetic Field Laboratory	Chemistry MPA-MAG Department of Chemistry and Biochemistry MPA-MAG physics Physics								
Kimberly Modic (S) Nicholas Butch (S) Ross McDonald (S) Amit Nathwani (U) Muhammad Nauman (P) Brad Ramshaw (S) Arkady Shehter (S) Valeska Zambra (G)	PI C C C C C C C	*	Institute of Science and Technology Austria National Institute of Standards and Technology MD National High Magnetic Field Laboratory Institute of Science and Technology Austria Institute of Science and Technology Austria Cornell University Los Alamos National Laboratory Institute of Science and Technology Austria	Physics NIST Center for Neutron Research Physics Physics Division of Mathematical and Physical Sciences Laboratory of Atomic and Solid State Physics LANL MPA-MAGLAB Physics	NSF	DMR - Division of Materials Research	DMR1157490	**P19945**	Thermodynamic measurements of topological superconductors	Condensed Matter Physics	1	10
John Bulmer (S) Tim Haugan (S) Agnieszka Lekawa-Raus (P)	PI C C		Air Force Research Laboratory Air Force Research Laboratory University of Cambridge	Air Force Air Force Department of Material Science	DOD	US Air Force	RQ18COR100	**P19956**	High Magnetic Field Transport in Advanced Carbon Conductors	Condensed Matter Physics	1	5
Collin Broholm (S) Tong Chen (P) Marcelo Jaime (S) Seyed Koohpayeh (S) Minseong Lee (S)	PI C C C C	*	Johns Hopkins University Johns Hopkins University National High Magnetic Field Laboratory Johns Hopkins University Los Alamos National Laboratory	Physics and Astronomy Physics and Astronomy Physics Physics MPA-MAG	No other support			**P19958**	High field studies of Weyl fermions in NdAlSi	Condensed Matter Physics	2	9

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Chris Lygouras (G)	C		Johns Hopkins University	Physics								
Sang Wook Cheong (S)	PI		Rutgers University	Physics and Astronomy	DOE	BES – Basic Energy Sciences		**P20050**	Exploring magnetoelectricity and multiferroicity of magnetic insulators with exotic spin structure based on symmetry operational similarity analysis.	Condensed Matter Physics	1	5
Minseong Lee (S)	C		Los Alamos National Laboratory	MPA-MAG								
Vivien Zapf (S)	C		National High Magnetic Field Laboratory	Physics								
Shengzhi Zhang (P)	C		Los Alamos National Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
Alessandro Mazza (P)	PI	*	Los Alamos National Laboratory	MPA-CINT	DOE	BES – Basic Energy Sciences	89233218CNA000001	**P20055**	Distinguishing the role of local disorder in dictating long-range magnetic order in high entropy oxides	Material Science	1	5
Matthew Brahlek (P)	C		Oak Ridge National Laboratory	physics								
Aiping Chen (P)	C		Los Alamos National Laboratory	Center for Integrated Nanotechnologies (MPA-CINT)								
Ross McDonald (S)	C		National High Magnetic Field Laboratory	Physics								
Brianna Musico (S)	C		Los Alamos National Laboratory	Sigma-1								
John Singleton (S)	C		National High Magnetic Field Laboratory	Physics								
Thomas Ward (S)	C		Oak Ridge National Laboratory	Materials Science and Technology Division								
Arkady Shehter (S)	PI		Los Alamos National Laboratory	LANL MPA-MAGLAB	DOE	BES – Basic Energy Sciences	100T science	**P20063**	high-field magneto-transport in the strange metal state of curates across critical doping	Condensed Matter Physics	1	5
Mun Chan (S)	C		National High Magnetic Field Laboratory	Pulsed field Facility								
Neil Harrison (S)	C		National High Magnetic Field Laboratory	Physics								
Ross McDonald (S)	C		National High Magnetic Field Laboratory	Physics								
Kimberly Modic (S)	C		Institute of Science and Technology Austria	Physics								
Brad Ramshaw (S)	C		Cornell University	Laboratory of Atomic and Solid State Physics								
									Total Proposals:	**Experiments:**		**Days**
									48	**75**		**526**