

APPENDIX 5 – USER PROPOSALS

1. AMRIS FACILITY

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	University of Florida matching support	US College and University	P17621	The Effect of Glassing Matrix Deuteration on 13C and 1H DNP at 5T	Biology, Biochemistry, Biophysics	1	18.33
James H.P. Collins (P)	C	University of Florida	Biochemistry & Molecular Biology							
Chongyang Huang (P)	C	university of Florida	Biochem/Molecular Biology							
Juan Beltran-Huarac (S)	PI	East Carolina University (ECU)	Physics	NASA		P17820	Enhanced MRI Relaxivity in Surface-Complexed Morphology-Tunable Iron Oxide Based Building Blocks: Towards High Performance Targeted Cancer Imaging	Biology, Biochemistry, Biophysics	1	3
John Cooper (G)	C	East Carolina University	Physics							
Gerardo Morell (S)	C	University of Puerto Rico, Rio Piedras	Dept. of Physics							
John Jones (S)	PI	Center for Neurosciences and Cell Biology	Metabolic Control Lab	No other support		P17827	High-sensitivity 13C NMR isotopomer analysis of triglyceride fatty acid enrichment from [U-13C]fructose	Biology, Biochemistry, Biophysics	1	12.5
Ram Khattri (P)	C	University of Florida	Biochemistry and molecular biology/medicine							
Rohit Mahar (P)	C	University of Florida	Biochemistry and molecular biology							
Marc McLeod (G)	C	University of Florida College of Medicine	Biochemistry and Molecular Biology							
Matthew Merritt (S)	C	University of Florida	Biochemistry and Molecular Biology							
Mukundan Ragavan (P)	C	University of Florida	Department of Biochemistry and Molecular Biology							
Peder Larson (S)	PI	University of California - San Francisco	Radiology and Biomedical Imaging							
Matthew Merritt (S)	C	University of Florida	Biochemistry and Molecular Biology							
Mukundan Ragavan (P)	C	University of Florida	Department of Biochemistry and Molecular Biology							
Daniel R. Talham (S)	PI	University of Florida	Chemistry	No other support		P17951	Polymer coated lanthanide nanoparticles as PARACEST MRI contrast agents	Chemistry	1	52
Pratik Roy (G)	C	University of Florida	Chemistry							
Luis Colon-Perez (S)	PI	University of California, Irvine	Neurobiology and Behavior	No other support		P18050	Characterization of brain structure at multiple scales in a rodent model early life stress	Biology, Biochemistry, Biophysics	1	2
Pascal Bernatchez (S)	PI	University of British Columbia	Anesthesiology, Pharmacology, & Therapeutics							
Elisabeth Barton (S)	C	University of Florida	Applied Physiology and Kinesiology	No other support		P18061	Imaging tissue heterogeneity in a new model of chronic muscle damage with fibrofatty infiltration and wasting.	Biology, Biochemistry, Biophysics	1	10
Abhinandan Batra (G)	C	University of Florida	Physical therapy							
Ram Khattri (P)	C	University of Florida	Biochemistry and molecular biology/medicine							
Glenn Walter (S)	C	University of Florida	Physiology and Functional Genomics							
Huadong Zeng (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff	No other support		P18093	Accelerated brain aging in diabetes: The impact of recurrent hypoglycemia.	Biology, Biochemistry, Biophysics	1	5.5
Kunjan Dave (S)	PI	University of Miami	Neurology							
Eduardo Candelario-Jalil (S)	C	University of Florida	Neuroscience							
Marcelo Febo (S)	C	University of Florida	Psychiatry							
Marjory Pompilus (G)	C	University of Florida	Psychiatry							

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Benjamin Wylie (S)	PI	Texas Tech University Department of Chemistry and Biochemistry	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	16
Anil Mehta (O)	C	University of Florida	AMRIS								
Adam Veige (S)	PI	University of Florida	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	27.83
Clifford Bowers (S)	C	University of Florida	Chemistry								
Alec Esper (G)	C	University of Florida	Chemistry								
Zhihui Miao (G)	C	University of Florida	Department of Chemistry								
Brent Sumerlin (S)	C	University of Florida	Chemistry								
Johnny Figueroa (S)	PI	Loma Linda University	Center for Health Disparities and Molecular Medicine	No other support			P19197	MICROSTRUCTURAL CORRELATES OF ADOLESCENT ADVERSITY	Biology, Biochemistry, Biophysics	1	4
Marcelo Febo (S)	C	University of Florida	Psychiatry								
Marjory Pompilus (G)	C	University of Florida	Psychiatry								
Stanislaw Deja (S)	PI	* University of Texas, Southwestern	Center for Human Nutrition	No other support			P19414	13C NMR measurements of liver samples for development of unified model of hepatic metabolism	Biology, Biochemistry, Biophysics	1	8
Matthew Merritt (S)	C	University of Florida	Biochemistry and Molecular Biology								
Mukundan Ragavan (P)	C	University of Florida	Department of Biochemistry and Molecular Biology								
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	22.5
James H.P. Collins (P)	C	University of Florida	Biochemistry & Molecular Biology								
Guillaume Ferre (P)	C	University of Florida	Chemistry								
Niloofar Gopal Pour (G)	C	University of Florida	Chemistry								
Hala Hachem (G)	C	University of Florida	Chemistry								
Emma Mulry (G)	C	University of Florida	Chemistry								
Arka Prabha Ray (G)	C	University of Florida	Chemistry								
Mario Rivera (S)	PI	Louisiana State University	Chemistry	NSF	MCB - Molecular and Cellular Biosciences	MCB1837877	P19426	Probing the impact of iron limitation on the metabolome of P. aeruginosa	Biology, Biochemistry, Biophysics	1	8.5
Leo Fontenot (G)	C	Louisiana State University	Chemistry	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI125529					
Anil Mehta (O)	C	University of Florida	AMRIS								
Thomas Weldeghiorghis (S)	C	Louisiana State University	Chemistry								
Carsten Sievers (S)	PI	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering	No other support			P19432	Diffusion of a model sugar through Lewis acidic metal oxides in various solvents	Engineering	1	29.83
James H.P. Collins (P)	C	University of Florida	Biochemistry & Molecular Biology								
Andrew Medford (S)	C	Georgia Institute of Technology	Chemical Engineering								
Sean Najmi (G)	C	Georgia Institute of Technology	Chemical Engineering								
Ryan Lively (S)	PI	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering,	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1836735	P19434	Quantification of liquid diffusion in MOF-based hybrid membranes by high field diffusion NMR	Engineering	1	84.42
Amineh Baniani (G)	C	University of Florida	Chemical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1836738					
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering								
Jeffrey Rudolf (S)	PI	University of Florida	Chemistry	No other support			P19437	Bacterial terpenoids and their biosynthesis		1	3.67

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Baofu Xu (P)	C	University of Florida	chemistry					Biology, Biochemistry, Biophysics			
Jonathan Nickels (S)	PI *	University of Cincinnati	Department of Chemical and Environmental Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1836551	P19438	Relationship between structural properties and self-diffusion of molecular mixtures in Nafion by high field diffusion NMR	Engineering	1	62.5
Anastasios Angelopoulos (S)	C	University of Cincinnati	Department of Chemical and Environmental Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1836556					
Blake Trusty (G)	C	University of Florida	Chemical Engineering								
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering								
Jonathan Judy (S)	PI	University of Florida	Soil and Water Sciences	No other support			P19466	Evaluating the Nature of Phosphorus Entering, Within and Leaving Everglades Stormwater Treatment Areas (STAs)	Chemistry	1	22.5
A. Caroline Buchanan (G)	C	University of Florida	Ag - Soil and Water Science								
Michael Harris (S)	PI	University of Florida	Chemistry	No other support			P19469	ML-HARRIS-001: Analysis of RNA induced protein folding during ribonucleoprotein assembly	Biology, Biochemistry, Biophysics	1	46.5
Matthew Eddy (S)	C	University of Florida	Chemistry								
Lorena Bianchine Areal (P)	PI *	Florida Atlantic University	Biomedical Science	No other support			P19487	Investigation of serotonergic functional connectivity in a mouse model expressing the ADHD and Autism-Associated DAT Val559 Mutation.	Biology, Biochemistry, Biophysics	1	5.5
Randy Blakely (S)	C	Florida Atlantic University	Biomedical Science and Brain Institute								
Marcelo Febo (S)	C	University of Florida	Psychiatry								
Malisa Sarntinoranont (S)	PI	University of Florida	unknown	No other support			P19525	Changes in Root Flow with Huanglongbing (Citrus Greening)	Engineering	1	27.83
Fernando Alferez (S)	C	University of Florida	Horticultural Sciences Department								
Jaime Cuber (S)	C	Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria	Department of Plant Protection								
Rui Leite (S)	C	Instituto Agronômico do Paraná	Department of Plant Protection								
Thomas Mareci (S)	C	University of Florida	Biochemistry and Molecular Biology								
Julian Rey (G)	C	University of Florida	Mechanical Engineering								
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	No other support			P19543	MAINTENANCE: Routine maintenance of existing equipment (formerly P09510 and P17541)	Magnets, Materials	1	314
James H.P. Collins (P)	C	University of Florida	Biochemistry & Molecular Biology								
Thomas Mareci (S)	C	University of Florida	Biochemistry and Molecular Biology								
Anil Mehta (O)	C	University of Florida	AMRIS								
James Rocca (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Jens Rosenberg (S)	C	National High Magnetic Field Laboratory	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)	Magnets, Materials	1	48.67
Malathy Etumalai (T)	C	University of Florida	AMRIS, McKnight Brain Institute								
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	Magnets, Materials	1	226.92

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James H.P. Collins (P)	C	University of Florida	Biochemistry & Molecular Biology			on verticals (formerly P09507 and P17539)			
Malathy Elumalai (T)	C	University of Florida	AMRIS, McKnight Brain Institute						
Anil Mehta (O)	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)	Magnets, Materials	1	115.83
James H.P. Collins (P)	C	University of Florida	Biochemistry & Molecular Biology						
Malathy Elumalai (T)	C	University of Florida	AMRIS, McKnight Brain Institute						
Thomas Mareci (S)	C	University of Florida	Biochemistry and Molecular Biology						
Anil Mehta (O)	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						
John Marino (S)	C	National Institute of Standards and Technology MD	Institute for Bioscience and Biotechnology Research						
Anil Mehta (O)	C	University of Florida	AMRIS						
Sandra Loesgen (S)	PI *	University of Florida	Chemistry						
Bill Baker (S)	PI *	University of South Florida	Chemistry						
Joe Bracegirdle (P)	C	University of South Florida	Chemistry						
Jimmy Lawrence (S)	PI *	Louisiana State University	Chemical Engineering						
James H.P. Collins (P)	C	University of Florida	Biochemistry & Molecular Biology						
John Jones (S)	PI	Center for Neurosciences and Cell Biology	Metabolic Control Lab						
Matthew Merritt (S)	C	University of Florida	Biochemistry and Molecular Biology						
Total Proposals:								Experiments:	Days:
							31	31	1,292.00

2. DC FIELD FACILITY

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Dmytro Abrahimov (S)	PI	National High Magnetic Field Laboratory	The Applied Superconductivity Center	No other support			P13640	Angular dependence of Jc for modern ReBCO Coated Conductors at high magnetic fields	Magnets, Materials	1	7.62
Griffin Bradford (O)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center								
Ashleigh Francis (T)	C	National High Magnetic Field Laboratory	ASC								
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS								
David Larbalestier (S)	C	National High Magnetic Field Laboratory	ASC								
Yasu Takano (S)	PI	University of Florida	Physics	UCGP			P14886	Magnetic and thermal properties of novel quantum magnets	Condensed Matter Physics	1	4.42
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Yanbo Guo (G)	C	University of Florida	Physics								
Xinzhe Hu (G)	C	University of Florida	Physics								
David Mandrus (S)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
Stephen Nagler (S)	C	Oak Ridge National Laboratory									
Joseph Checkelsky (S)	PI	Massachusetts Institute of Technology	Physics	DOD	ARO - Army Research Office		P16258	High Field Studies of Magnetic Weyl Semimetals	Condensed Matter Physics	2	11.36
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS	MIT	US College and University						
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								
Hisashi Inoue (P)	C	Massachusetts Institute of Technology	Physics								
Caolan John (G)	C	Massachusetts Institute of Technology	Physics								
Takashi Kurumaji (P)	C	Massachusetts Institute of Technology	Physics								
Paul Neves (G)	C	Massachusetts Institute of Technology	Physics								
Takehito Suzuki (P)	C	Massachusetts Institute of Technology	Department of Physics								
Joshua Wakefield (G)	C	Massachusetts Institute of Technology	Physics								
Linda Ye (G)	C	Massachusetts Institute of Technology	Physics								
Junbo Zhu (G)	C	Massachusetts Institute of Technology	Physics								
Grace Morgan (S)	PI	* University College Dublin	School of Chemistry and Chemical Biology	NSF	DMR - Division of Materials Research		P16285	Multiferroic behavior at spin-state transitions - beyond Mn(taa)	Condensed Matter Physics	1	0.2
Shalinee Chikara (S)	C	National High Magnetic Field Laboratory	CMS, DC Field Facility								
Xiaxin Ding (P)	C	Idaho National Laboratory	NST								
Vibe Jakobsen (G)	C	University College Dublin	School of Chemistry								
Conor Kelly (G)	C	University College Dublin	Department of Chemistry								
Alexey Kovalev (S)	C	National High Magnetic Field Laboratory	CMS								
Irina Kuehne (P)	C	University College Dublin	School of Chemistry								
Masoud Mardani (G)	C	Florida State University	CMS								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Theo Siegrist (S)	C	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Alexey Suslov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								

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Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Sara Haravifard (S)	PI	Duke University	Department of Physics	Duke University	US College and University		P16289	Role of Site Mixing on the Ground State of a spin-1/2 Triangular Antiferromagnetic System	Condensed Matter Physics	1	7
Rabindranath Bag (P)	C	Duke University	Physics								
Matthew Ennis (G)	C	Duke University	Physics								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Zhenzhong Shi (S)	C	Soochow University	School of Physical Science and Technology & Institute for Advanced Study								
Sergei Zvyagin (S)	PI	Helmholtz-Zentrum Dresden-Rossendorf	EPR	Deutsche Forschungsgemeinschaft (DFG)	Other	ZV 6/2-2	P17345	Spin dynamics and magnetic properties of spin systems with competing magnetic interactions	Condensed Matter Physics	1	8
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Armando Paduan-Filho (S)	C	University of Sao Paulo	Physics								
Hidekazu Tanaka (S)	C	Tokyo Institute of Technology	Physics								
William Halperin (S)	PI	Northwestern University	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-FG02-05ER46248	P17355	Superconductivity and Magnetism	Condensed Matter Physics	1	14
Mun Chan (S)	C	National High Magnetic Field Laboratory	Pulsed field Facility								
Elizabeth Green (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Arneil Reyes (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Ingrid Stolt (G)	C	Northwestern University	Physics								
Yizhou Xin (G)	C	Northwestern University	Physics								
Peide Ye (S)	PI	Purdue University	School of Electrical and Computer Engineering	NSF	EFMA - Emerging Frontiers and Multidisciplinary Activities	EFMA1433459	P17462	Magneto-transport in one-dimensional van der Waals chiral material tellurene	Condensed Matter Physics	1	5.31
Lin Jiao (S)	C	National High Magnetic Field Laboratory	CMS								
Chang Niu (G)	C	Purdue University	Electrical and Computer Engineering								
Gang Qiu (P)	C	University of California, Los Angeles (UCLA)	Electrical and Computer Engineering								
Zhuocheng Zhang (G)	C	Purdue University	Electrical and Computer Engineering								
Lu Li (S)	PI	University of Michigan	Physics	NSF	DMR - Division of Materials Research	DMR1707620	P17469	Spin-orbit-coupled Correlated Metals	Condensed Matter Physics	1	2
Kuan-Wen Chen (P)	C	University of Michigan	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0020184					
Lu Chen (G)	C	University of Michigan	Physics								
William Coniglio (S)	C	National High Magnetic Field Laboratory	AI								
Bernhard Keimer (S)	C	Max Planck Institute for Solid State Research, Stuttgart	Solid State Spectroscopy								
Dmitri Mihaliev (G)	C	University of Michigan	Applied Physics								
John Singleton (S)	C	National High Magnetic Field Laboratory	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								
Jun Zhu (S)	PI	Pennsylvania State University	Physics	NSF	DMR - Division of Materials Research	DMR1904986	P17473	Probing quasi-particle charge and statistics in the quantum Hall and fractional quantum Hall regimes of bilayer graphene	Condensed Matter Physics	1	7
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Hailong Fu (P)	C	Pennsylvania State University	Physics								
Elizabeth Green (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Ke Huang (G)	C	Pennsylvania State University	Physics								
Jun Sung Kim (S)	PI	Pohang University of Science and Technology	Physics	National Research Foundation in Korea	Other		P17521	Exotic topological transport induced by	Condensed Matter Physics	1	3.15

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Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department				spin/pseudospin texture at high magnetic fields				
Joonyoung Choi (G)	C	Kyungpook National University	Physics								
Min Hyuk Choi (G)	C	Pohang University of Science and Technology	Physics								
Ho Seong Jeon (G)	C	Pohang University of Science and Technology	Physics								
YounJung Jo (S)	C	Kyungpook National University	Physics								
Woun Kang (S)	C	Ewha Womans University	Department of Physics								
Hoil Kim (G)	C	Pohang University of Science and Technology	Physics								
Changll Kwon (G)	C	Pohang University of Science and Technology	Physics								
Jong Mok Ok (G)	C	Oak Ridge National Laboratory	Physics								
Junho Seo (G)	C	Pohang University of Science and Technology	Physics								
Nikoleta Theodoropoulou (S)	PI	Texas State University	Physics	Texas State University	US College and University	P17528	Electronic Properties of epitaxial SrTiO3 films on Si	Condensed Matter Physics	1	7	
Barry Koehne (G)	C	Texas State University	Physics				Development of 1.5 GHz NMR using 36T Series-Connected-Hybrid (SCH) Magnet	Magnets, Materials	1	8	
John Miracle (G)	C	Texas State University	Physics								
Zhehong Gan (S)	PI	National High Magnetic Field Laboratory	NHMFL	No other support		P17597					
William Brey (S)	C	National High Magnetic Field Laboratory	NMR								
Kuizhi Chen (P)	C	National High Magnetic Field Laboratory	NMR								
Po-Hsiu Chien (G)	C	Florida State University	Chemistry and Biochemistry								
Tim Cross (S)	C	National High Magnetic Field Laboratory	NHMFL/Chemistry & Biochemistry								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Ilya Litvak (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Joana Paulino (P)	C	National High Magnetic Field Laboratory	CIMAR								
Jeffrey Schiano (S)	C	Pennsylvania State University	Electrical Engineering								
Geetha Balakrishnan (S)	PI	University of Warwick	Physics	European Research Council	Non US Council	P17678	Quantum oscillations in Kondo insulators	Condensed Matter Physics	1	5.68	
Monica Ciomaga Hatnean (S)	C	Paul Scherrer Institute	Research with Neutrons and Muons, Laboratory for Multiscale materials eXperiments				Superconductor to Insulator Transition in a Non-Centrosymmetric Rare-Earth Compound	Condensed Matter Physics	1	7	
Alex Eaton (G)	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								
James Analytis (S)	PI	University of California, Berkeley	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-AC02-05CH11231					
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Nikola Maksimovic (G)	C	University of California, Berkeley	Physics								
Eran Maniv (P)	C	University of California, Berkeley	Physics								
Vikram Nagarajan (G)	C	University of California, Berkeley	Physics								
Ziling Xue (S)	PI	University of Tennessee, Knoxville	Chemistry	NSF	CHE - Chemistry	CHE1900296	P17767	Investigating Molecular Magnetism by Magneto-Far-IR Spectroscopy	Chemistry	1	7
Alexandria Bone (G)	C	University of Tennessee, Knoxville	Chemistry								
Adam Hand (G)	C	University of Tennessee, Knoxville	Chemistry								

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Michael Jenkins (G)	C	University of Tennessee, Knoxville	Chemistry								
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								
Pagnareach Tin (G)	C	University of Tennessee, Knoxville	Chemistry								
Minhyea Lee (S)	PI	University of Colorado, Boulder	Physics	NSF	DMR - Division of Materials Research	DMR2001376	P17772	Probing novel magnetism in spin-orbit coupled systems	Condensed Matter Physics	1	7
Gang Cao (S)	C	University of Colorado, Boulder	Department of Physics.	University of Colorado Boulder	US College and University						
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Kwang Yong Choi (S)	C	Sungkyunkwan University	Department of Physics								
Ian Leahy (G)	C	University of Colorado, Boulder	Physics								
Tyrel McQueen (S)	C	Johns Hopkins University	Chemistry and Physics and Astronomy								
Christopher Pocs (G)	C	University of Colorado, Boulder	Physics								
Peter Siegfried (P)	C	George Mason University	Physics and Astronomy								
Arthur Ramirez (S)	PI	University of California, Santa Cruz	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0017862	P17775	Probing the Putative Neutral Fermi Surface of SmB6 Using Specific Heat	Condensed Matter Physics	1	14
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Priscila Ferrari Silveira Rosa (P)	C	Los Alamos National Laboratory	MPA-CMMS								
Zachary Fisk (S)	C	University of California, Irvine	Physics and Astronomy								
Nathanael Fortune (S)	C	Smith College	Department of Physics								
Scott Hannahs (S)	C	National High Magnetic Field Laboratory	Instrumentation								
Patrick LaBarre (G)	C	University of California, Santa Cruz	Physics								
Tyrel McQueen (S)	C	Johns Hopkins University	Chemistry and Physics and Astronomy								
Joyce Palmer-Fortune (S)	C	Smith College	Physics								
Andreas Rydh (S)	C	Stockholm University	Department of Physics								
Eun Sang Choi (S)	PI	National High Magnetic Field Laboratory	Physics Department	No other support			P17780	Magnetochemical conductivity studies on breathing pyrochlore magnets	Condensed Matter Physics	1	7
Hongwoo Baek (S)	C	National High Magnetic Field Laboratory	DC field								
Rabindranath Bag (P)	C	Duke University	Physics								
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Sachith Dissanayake (P)	C	Duke University	Physics								
Matthew Ennis (G)	C	Duke University	Physics								
Sara Haravifard (S)	C	Duke University	Department of Physics								
Hongcheng Lu (P)	C	Duke University	Physics								
Zhenzhong Shi (S)	C	Soochow University	School of Physical Science and Technology & Institute for Advanced Study								
William Steinhardt (G)	C	Duke University	Physics								
Lalit Yadav (G)	C	Duke University	Physics								
Sabyasachi Sen (S)	PI	University of California, Davis	Chemical Engineering and Materials Science	NSF	DMR - Division of Materials Research	DMR1855176	P17811	Investigation of the atomistic basis of structural relaxation and viscous flow in supercooled chalcogenide liquids by high field dynamical NMR spectroscopy	Condensed Matter Physics	1	4
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Yiqing Xia (G)	C	University of California, Davis	Materials Science								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Weidi Zhu (G)	C	University of California, Davis	Materials Science & Engineering								
Jeffrey Schiano (S)	PI	Pennsylvania State University	Electrical Engineering	NIH	NIGMS - National Institute of General Medical Sciences	GM122698	P17819	Flux Regulation for Powered Magnets	Engineering	1	3
William Brey (S)	C	National High Magnetic Field Laboratory	NMR								
Ilya Litvak (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Xinxing Meng (G)	C	Pennsylvania State University	Electrical Engineering								
Waroch Tangbampensountorn (G)	C	Pennsylvania State University	Electrical Engineering								
Qi Li (S)	PI	Pennsylvania State University	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-FG02-08ER46531	P17849	Shubnikov de Haas oscillation of two dimensional electron gases with strong spin-orbit coupling at transition metal oxide interfaces	Condensed Matter Physics	1	3.65
Autumn Heltman (U)	C	Pennsylvania State University	Physics								
Lin Jiao (S)	C	National High Magnetic Field Laboratory	CMS								
Shalini Kumari (P)	C	Pennsylvania State University	Physics								
Ziqiao Wang (G)	C	Pennsylvania State University	Physics								
Xiaodong Xu (S)	PI	University of Washington	Physics	DOD	US Air Force	FA9550-21-1-0177	P17854	pressure tuning magnetic properties of van der Waals magnets	Condensed Matter Physics	1	6.32
Jiaqi Cai (G)	C	University of Washington	Physics								
Zaiyao Fei (P)	C	University of Washington	Physics								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Dmitry Ovchinnikov (P)	C	University of Washington	Physics								
Alexey Suslov (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Science	No other support			P17866	Improvement of the ultrasonic techniques at the DC field facility 2018	Magnets, Materials	1	7
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	2	18.56
Yanyu Jia (G)	C	Princeton University	Physics								
Michael Onyszczyk (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	2	13
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Sangsoo Kim (G)	C	Florida State University	Physics								
Ryan Baumbach (S)	PI	National High Magnetic Field Laboratory	CMS	DOE	Other	DE-AC02-07CH1358	P17894	Investigation of dual nature f-electron intermetallics using high magnetic fields	Condensed Matter Physics	2	11.5
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0016568					
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Aikaterini Flessa Savvidou (G)	C	National High Magnetic Field Laboratory	Condensed Matter								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Andriy Palasyuk (S)	C	Iowa State University	CMI								
Seungyong Hahn (S)	PI	National High Magnetic Field Laboratory	Applied Superconductivity Center, Mechanical Engineering	NSF	DMR - Division of Materials Research	DMR1644779	P17900	No-Insulation Type High Temperature Superconductor Winding Techniques for All-Superconducting >30-T DC User Magnets	Magnets, Materials	1	4.1
Dmytro Abramov (S)	C	National High Magnetic Field Laboratory	The Applied Superconductivity Center								
Jeseok Bang (G)	C	Seoul National University	Department of Electrical and Computer Engineering								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Griffin Bradford (O)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center								
Ashleigh Francis (T)	C	National High Magnetic Field Laboratory	ASC								
Xinbo Hu (G)	C	National High Magnetic Field Laboratory	ASC								
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS								
Kwanglok Kim (O)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center								
Kwangmin Kim (O)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center								
David Larbalestier (S)	C	National High Magnetic Field Laboratory	ASC								
So Noguchi (S)	C	Hokkaido University	Graduate School of Information Science and Technology								
Michael Small (U)	C	Florida State University	Applied Superconductivity Center								
Xi Ling (S)	PI	Boston University	Department of Chemistry	NSF	CHE - Chemistry	CHE1945364	P17901	Magneto-optics of 2D Antiferromagnetic Semiconductors	Condensed Matter Physics	1	2.4
Jade Holleman (G)	C	Florida State University	Physics								
Stephen McGill (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Qishuo Tan (G)	C	Boston University	Department of Chemistry								
Minhyea Lee (S)	PI	University of Colorado, Boulder	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0021377	P17906	Investigation on unusual magnetic responses in quantum magnets	Condensed Matter Physics	2	14
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS	University of Colorado Boulder	US College and University						
Gang Cao (S)	C	University of Colorado, Boulder	Department of Physics.								
Ian Leahy (G)	C	University of Colorado, Boulder	Physics								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Christopher Pocs (G)	C	University of Colorado, Boulder	Physics								
Arkady Shehter (S)	C	Los Alamos National Laboratory	LANL MPA-MAGLAB								
Peter Siegfried (P)	C	George Mason University	Physics and Astronomy								
Venkat Selvamankam (S)	PI	University of Houston	Mechanical Engineering	DOE	Office of Science - HEP - High Energy Physics	DE-SC0016220	P17917	Critical current characterization of Symmetric Tape Round (STAR) REBa2Cu3Ox wires at 4 K and very high magnetic fields	Magnets, Materials	1	3.13
Eduard Galstyan (S)	C	University of Houston	Texas Center for Superconductivity	DOE	Office of Science - SBIR - Small Business Innovation Research	DE-SC0015983					
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS								
Janakiram Kadiyala (S)	C	Ampeers LLC	UH Technology Bridge								
Soumen Kar (S)	C	University of Houston	Mechanical Engineering								
Mehdi Kochat (G)	C	University of Houston	Mechanical engineering								
Lloyd Engel (S)	PI	National High Magnetic Field Laboratory	CMS	DOE	Office of Science - BES - Basic Energy Sciences	DE-FG02-05-ER46212	P17920	Microwave spectroscopy of electron solids in anisotropic semiconductor systems	Condensed Matter Physics	1	7
Matthew Freeman (G)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Loren Pfeiffer (S)	C	Princeton University	Electrical Engineering								
Mansour Shayegan (S)	C	Princeton University	Department of Electrical Engineering								
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	1	3.23
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Sheng Ran (S)	C	Washington University in St. Louis	Physics								
Sufei Shi (S)	PI	Rensselaer Polytechnic Institute	Chemical and Biological Engineering	DOD	US Air Force		P17976	Probing Excitonic Fine Structures in Van der Waals Heterostructures	Condensed Matter Physics	1	4.02
Zhengguang Lu (G)	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
Lei Ma (G)	C	Rensselaer Polytechnic Institute	Chemical and Biological Engineering								
Shengnan Miao (G)	C	Rensselaer 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								
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	2	14
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								
Fazel Tafti (S)	PI	Boston College	Physics	NSF	DMR - Division of Materials Research	DMR1708929	P17991	Revealing the Weyl-Kondo physics in a new semimetal	Condensed Matter Physics	1	7
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Paul Goddard (S)	PI	University of Warwick	Department of Physics	European Research Council Consolidator Grant	Non US Council	681260	P17992	Molecule-based quantum magnets in applied pressures	Condensed Matter Physics	1	14
Matthew Coak (P)	C	University of Warwick	Department of Physics								
Sam Curley (G)	C	University of Warwick	Physics and Astronomy								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Jamie Manson (S)	C	Eastern Washington University	Chemistry and Biochemistry								
Robert Williams (P)	C	University of Warwick	Dept of Physics								
Jia Li (S)	PI	Brown University	Department of Physics	Brown University	US College and University		P18016	Studying correlated electron states in two-dimensional material in high magnetic field with microwave techniques	Condensed Matter Physics	1	8
Jiangxiazhi Lin (G)	C	Hong Kong University of Science and Technology	Center for Quantum materials								
Xiaoxue Liu (P)	C	Brown University	Physics department								
Naiyuan Zhang (G)	C	Brown University	Department of Physics								
Seng Huat Lee (S)	PI	Pennsylvania State University	Physics	NSF	MIP - Materials Innovation Platform	DMR1539916	P18018	Seeking for Weyl State in Intrinsic Antiferromagnetic Topological Insulator MnBi ₂ Te ₄ under High Magnetic Fields	Condensed Matter Physics	1	5.4
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Zhiqiang Mao (S)	C	Pennsylvania State University	Department of Physics								
Lujin Min (G)	C	Pennsylvania State University	Department of Physics								
Wei Ning (P)	C	Pennsylvania State University	Department of Physics								
Jian Liu (S)	PI	University of Tennessee, Knoxville	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0020254	P18024	Low-temperature high-field magnetotransport study of geometrically frustrated spin ice heterostructures	Condensed Matter Physics	4	28
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Qing Huang (G)	C	University of Tennessee, Knoxville	Physics								
Kyle Noordhoek (U)	C	University of Tennessee, Knoxville	Physics and Astronomy								
Chengkun Xing (G)	C	University of Tennessee, Knoxville	Physics								
Han Zhang (P)	C	University of Tennessee, Knoxville	Physics								
Adam Fiedler (S)	PI	Marquette University	Chemistry	NSF	CHE - Chemistry	CHE1900562	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								
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								
Joshua Telser (S)	C	Roosevelt University	Biological, Physical and Health Sciences								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Luis Balicas (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Experiment	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0002613	P19122	Understanding the anomalous Hall-effect in the magnetic topological semi-metallic candidates Fe ₃ GeTe ₂ and Fe ₅ GeTe ₂	Condensed Matter Physics	2	21
Brian Casas (P)	C	National High Magnetic Field Laboratory	Condensed Matter Sciences								
Juan Macy (G)	C	National High Magnetic Field Lab	Condensed Matter Sciences								
Shirin Mozaffari (P)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
Haidong Zhou (S)	PI	University of Tennessee, Knoxville	Physics and Astronomy	DOE	Office of Science - 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	4	27
Alexander Brassington (G)	C	University of Tennessee, Knoxville	Physics								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Qing Huang (G)	C	University of Tennessee, Knoxville	Physics								
Kyle Noordhoek (U)	C	University of Tennessee, Knoxville	Physics and Astronomy								
Chengkun Xing (G)	C	University of Tennessee, Knoxville	Physics								
Han Zhang (P)	C	University of Tennessee, Knoxville	Physics								
Krzysztof Gofryk (S)	PI	Idaho National Laboratory	Fuel Performance & Design	DOE	Office of Science - BES - Basic Energy Sciences	KG's Early career award	P19145	Transport and magnetic properties of selected d- and f-electron topological materials in high magnetic fields	Condensed Matter Physics	1	4.16
Xiaxin Ding (P)	C	Idaho National Laboratory	NST								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Narayan Poudel (P)	C	Idaho National Laboratory	Nuclear Materials								
Nirmal Ghimire (S)	PI *	George Mason University	Physics and Astronomy	George Mason University	US College and University		P19169	High field magnetization and quantum oscillations of metallic Kagome net magnets	Condensed Matter Physics	1	4.43
Hari Bhandari (G)	C	George Mason University	Physics								
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	1	7
Xiao-Xiao Zhang (S)	PI *	University of Florida	Physics	UCGP		Subaward R000002800	P19224	Magneto-optical investigation of Van der Waals magnetic-semiconductor heterostructure	Condensed Matter Physics	1	7
Xin Cong (P)	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								
Mingyang Zheng (G)	C	University of Florida	Physics Department								
Henry La Pierre (S)	PI	Georgia Institute of Technology	School of Chemistry and Biochemistry	Beckman Young Investigator Award	Other		P19236	Magnetic Properties Characterization of Kagome Lattice Compounds, (CH ₃ NH ₃) ₂ MM' ₃ F ₁₂ (M = Na ⁺ , K ⁺ and NH ₄ ⁺ , M' = V ³⁺ and Ti ³⁺)	Chemistry	2	28
Ryan Baumbach (S)	C	National High Magnetic Field Laboratory	CMS								
Arun Ramanathan (G)	C	Georgia Institute of Technology	Chemistry								
Luis Balicas (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Experiment	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0002613	P19238	Unconventional Topological Fermions in Rh silicides and germanides	Condensed Matter Physics	1	4.68
Brian Casas (P)	C	National High Magnetic Field Laboratory	Condensed Matter Sciences								
Aikaterini Flessa Savvidou (G)	C	National High Magnetic Field Laboratory	Condensed Matter								
Shirin Mozaffari (P)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
WenKai Zheng (G)	C	National High Magnetic Field Laboratory	Condensed Matter Sciences								
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	Condensed Matter Physics	2	14

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					semimetal under magnetic field by infrared spectroscopy			
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								
Stuart Brown (S)	PI	University of California, Los Angeles	Department of Physics and Astronomy	NSF	DMR - Division of Materials Research	DMR1709304	P19266	High field magnetic properties of Nd ₂ -xCeCuO ₄	Condensed Matter Physics	1	14
Elizabeth Green (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Arneil Reyes (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Arkady Shehter (S)	PI	Los Alamos National Laboratory	LANL MPA-MAGLAB	No other support			P19272	Heat capacity study of high-temperature superconductors across the phase diagram in high magnetic fields	Condensed Matter Physics	3	33.72
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS	NSF	DMR - Division of Materials Research	DMR1157490					
Greg Boebinger (S)	C	National High Magnetic Field Laboratory	Directors Office	NSF	DMR - Division of Materials Research	DMR1644779					
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Kimberly Modic (S)	C	Institute of Science and Technology Austria	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								
Andreas Rydh (S)	C	Stockholm University	Department of Physics								
Alimamy Bangura (S)	PI	National High Magnetic Field Laboratory	CMS	No other support			P19273	Development of high field calorimetry probe	Condensed Matter Physics	1	4
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								
Andreas Rydh (S)	C	Stockholm University	Department of Physics								
Arkady Shehter (S)	C	Los Alamos National Laboratory	LANL MPA-MAGLAB								
Henry La Pierre (S)	PI	Georgia Institute of Technology	School of Chemistry and Biochemistry	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0019385	P19275	Study of Zero Field Splitting in Molecular Tb ⁴⁺ Complexes by High Field EPR	Biology, Biochemistry, Biophysics	3	28
Luis Aguirre Quintana (G)	C	Georgia Institute of Technology	Chemistry and Biochemistry								
Ryan Baumbach (S)	C	National High Magnetic Field Laboratory	CMS								
Thaige Gomba (G)	C	Georgia Institute of Technology	School of Chemistry and Biochemistry								
Samuel Greer (P)	C	Los Alamos National Laboratory	C-PCS: PHYSICAL CHEM & APPLIED SPECTROSCOPY								
Arun Ramanathan (G)	C	Georgia Institute of Technology	Chemistry								
Natalie Rice (G)	C	Georgia Institute of Technology	School of Chemistry and Biochemistry								
Joshua Telser (S)	C	Roosevelt University	Biological, Physical and Health Sciences								
Janice Musfeldt (S)	PI	University of Tennessee, Knoxville	Department of Chemistry	DOE	Office of Science - BES - Basic Energy Sciences	DE-FG02-01ER45885	P19343	High field spectroscopy of materials with broken symmetry and strong spin-orbit coupling	Chemistry	3	9.78
Avery Blockmon (G)	C	University of Tennessee, Knoxville	Chemistry								
Stephen McGill (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Kiman Park (G)	C	University of Tennessee, Knoxville	Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Philip Kim (S)	C	Harvard University	Department of Physics								
Seongshik Oh (S)	C	Rutgers University, New Brunswick	Physics and Astronomy								
Joon Young Park (P)	C	Harvard University	Physics								
Shengzhi Zhang (P)	C	Los Alamos National Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
Amir Yacoby (S)	PI	Harvard University	Physics and Applied Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC001819	P19379	Engineering Novel Topological Phases in Graphene Heterostructures	Condensed Matter Physics	1	5
Onder Gul (P)	C	Harvard University	Department of Physics	Gordon and Betty Moore Foundation	US Foundation						
Zeyu Hao (G)	C	Harvard University	Physics								
Philip Kim (S)	C	Harvard University	Department of Physics								
Antti Laitinen (P)	C	Harvard University	Department of Physics								
Seung Hwan Lee (G)	C	Harvard University	Physics								
Yuval Ronen (P)	C	Harvard University	Physics								
Thomas Werkmeister (G)	C	Harvard University	Applied Physics								
Qi Yang (G)	C	Stanford University	Physics								
Andrew Zimmerman (P)	C	Harvard 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	3	15.97
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								
Zhigang Jiang (S)	PI	Georgia Institute of Technology	School of Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-FG02-07ER46451	P19401	Magneto-infrared Spectroscopy Study of Emerging Topological Materials with Layered Structures	Condensed Matter Physics	1	7
Seongphill Moon (G)	C	National High Magnetic Field Laboratory	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								
Tianhao Zhao (G)	C	Georgia Institute of Technology	School of Physics								
YounJung Jo (S)	PI	Kyungpook National University	Physics	National Research Foundation of Korea	Non US Foundation		P19408	Topological transport of Half-metallic Weyl semimetal candidates	Condensed Matter Physics	1	5.73
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Joonyoung Choi (G)	C	Kyungpook National University	Physics								
James Hone (S)	PI	Columbia University	Mechanical Engineering	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0016703	P19411	Correlated states in 2D semiconducting transition metal dichalcogenide heterostructures under high magnetic fields	Condensed Matter Physics	3	15.36
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Cory Dean (S)	C	City College of New York	Physics								
Qianhui Shi (S)	C	University of California, Los Angeles	Physics								
En-Min Shih (G)	C	Columbia University	Physics								
Yihang Zeng (G)	C	Columbia University	Physics								
Dmitry Smirnov (S)	PI	National High Magnetic Field Laboratory	Instrumentation & Operations	DOE	Office of Science - BES - Basic Energy Sciences	DE-FG02-07ER46451	P19412	Electrical and magnetic field control of optical	Condensed Matter Physics	2	8.9

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Zhigang Jiang (S)	C	Georgia Institute of Technology	School of Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE- FG02-07ER46451		processes in atomically thin layers and van der Waals heterostructures			
Chun Ning (Jeanie) Lau (S)	C	Ohio State University	Department of Physics and Astronomy								
Zhengguang Lu (G)	C	National High Magnetic Field Laboratory	Physics								
Seonghill Moon (G)	C	National High Magnetic Field Laboratory	Physics								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Sufei Shi (S)	C	Rensselaer Polytechnic Institute	Chemical and Biological Engineering								
Irina Drichko (S)	PI	Ioffe Physical-Technical Institute of the Russian Academy of Sciences	Physics of Semiconductors and Dielectrics	No other support			P19427	Magnetotransport Properties of High-Mobility p-AlGaAs/GaAs/AlGaAs Structures: Acoustic Studies.	Condensed Matter Physics	1	14
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								
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	2	14
Rabindranath Bag (P)	C	Duke University	Physics	Duke University	US College and University						
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								
Lalit Yadav (G)	C	Duke University	Physics								
Jan Jaroszynski (S)	PI	National High Magnetic Field Laboratory	CMS	UCGP		5206	P19446	Torque acting on REBCO coated conductors in external magnetic field	Magnets, Materials	4	14.65
Ernesto Bosque (S)	C	National High Magnetic Field Laboratory	ASC/MST								
Griffin Bradford (O)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center								
Ashleigh Francis (T)	C	National High Magnetic Field Laboratory	ASC								
Jonathan Lee (G)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center								
Aixia Xu (O)	C	Florida State University	ASC								
Tomasz Klimczuk (S)	PI *	Gdansk University of Technology	Department of Applied Physics	National Science Agency	Non US College and University		P19447	Magnetotransport in Pt ₅ P ₂	Condensed Matter Physics	1	1.75
Shintaro Ishiwata (S)	C	Osaka University	Department of Materials Engineering Science								
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS								
Keshav Shrestha (S)	PI	Texas A&M University	Chemistry and Physics	Killgore Faculty Grant	Other	NA	P19467	Search of Topological Phases of Materials	Condensed Matter Physics	1	3.01
Ramakanta Chapai (P)	C	Argonne National Laboratory	Materials Science Division								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Bal Pokharel (G)	C	National High Magnetic Field Laboratory	Physics								
Dragana Popovic (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science / Experimental								
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 UTe ₂	Condensed Matter Physics	1	5.59
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Lin Jiao (S)	PI	National High Magnetic Field Laboratory	CMS	No other support			P19480	High Magnetic Field Probe Design and Technique Development	Condensed Matter Physics	1	2
Ryan Baumbach (S)	C	National High Magnetic Field Laboratory	CMS								
Talat Mallah (S)	PI	University of Paris-Sud	ICMMO	No other support			P19496		Magnets, Materials	2	21

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Brittany Grimm (G)	C	Florida State University	Physics					Electronic structure of magnetic Ni(II) complexes as potential quantum bits			
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								
Guangxin Ni (S)	PI *	Florida State University	Physics	No other support			P19501	Optical investigation of spin-triplet superconductor candidate UTe ₂ in high magnetic fields	Condensed Matter Physics	1	7
Sirak Mekonen (G)	C	Johns Hopkins University	Department of Physics and Astronomy								
Youcheng Wang (P)	C	National High Magnetic Field Laboratory	NHMFL								
Sergey Suchalkin (S)	PI	State University of New York at Stony Brook	Electrical and Computer Engineering	NSF	DMR - Division of Materials Research	DMR1809708	P19506	Band structure of semiconductor alloys with engineered nanoscale ordering	Condensed Matter Physics	1	7
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	170 and 91Zr solid-state NMR of metal-organic frameworks at 35.2 T	Chemistry	1	4
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								
Tim Cross (S)	PI	National High Magnetic Field Laboratory	NHMFL/Chemistry & Biochemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM122698	P19516	Structural Characterization of SARS-CoV-2 E protein in lipid bilayer with Solid-State NMR	Biology, Biochemistry, Biophysics	1	5
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Huajun Qin (T)	C	Florida State University	Chemistry & Biochemistry								
Rongfu Zhang (P)	C	National High Magnetic Field Laboratory	NHMFL								
Jeffrey Long (S)	PI	University of California, Berkeley	Chemistry	NSF	CHE - Chemistry	CHE1800252	P19520	Hard Permanent Magnetism from Mixed-Valence Dilanthanide Complexes with Metal-Metal Bonding	Chemistry	1	4.17
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Colin Gould (G)	C	University of California, Berkeley	Chemistry								
Danielle Laurencin (S)	PI	University of Montpellier	Institut Charles Gerhardt de Montpellier	European Research Council	Other		P19531	Identification of interfacial bonding environments in functional nanomaterials and biomaterials using high resolution solid state NMR at (ultra)-high fields	Chemistry	1	2
Christian Bonhomme (S)	C	Pierre and Marie Curie University	Laboratoire de Chimie de la Matière Condensée								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
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								
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	3	21.8
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								
Mallika Randeria (P)	C	Massachusetts Institute of Technology	Physics								
Junbo Zhu (G)	C	Massachusetts Institute of Technology	Physics								
Yangmu Li (P)	PI *	Brookhaven National Laboratory	CMPMS	DOE	MSE - Materials Science and Engineering	DE-SC0012704	P19556		Condensed Matter Physics	2	14

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
Bal Pokharel (G)	C	National High Magnetic Field Laboratory	Physics								
Dragana Popovic (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science / Experimental								
John Tranquada (S)	C	Brookhaven National Laboratory	Condensed Matter Physics and Materials Science								
Youcheng Wang (P)	C	National High Magnetic Field Laboratory	NHMFL								
Yuxin Wang (G)	C	Florida State University	CMS								
Sara Haravifard (S)	PI	Duke University	Department of Physics	NSF	DMR - Division of Materials Research	DMR1828348	P19562	Axion Transport in Topological Kagome Superconductors	Condensed Matter Physics	1	21
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Sachith Dissanayake (P)	C	Duke University	Physics								
Zhenzhong Shi (S)	C	Soochow University	School of Physical Science and Technology & Institute for Advanced Study								
Zahid Hasan (S)	PI	Princeton University	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-FG-02-05ER46200	P19566	Thermal Properties of Frustrated Magnets	Condensed Matter Physics	3	16.45
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment	Gordon and Betty Moore Foundation	US Foundation	GBMF4547		Magnetotransport studies of topological magnets under hydrostatic pressure	Condensed Matter Physics		
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	Gordon and Berry Moore	Other	GBMF9069	P19572	Topological Hall Effect in Kagome Lattice Materials	Condensed Matter Physics	1	5.84
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Shirin Mozaffari (P)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
Michael Shatruk (S)	PI	National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry	NSF	CHE - Chemistry	CHE195754	P19599	Investigation of Low-Dimensional Magnetism in Inorganic and Organic Materials	Magnets, Materials	2	14
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Ryan Baumbach (S)	C	National High Magnetic Field Laboratory	CMS								
Sandugash Yergeshbayeva (G)	C	Florida State University	Chemistry and Biochemistry								
Jaewook Kim (P)	PI *	Korea Atomic Energy Research Institute	Advanced Materials Group	Korea Atomic Energy Research Institute	Non US Government Lab		P19610	Study of high spin quantum magnetism in triangular lattice antiferromagnets	Condensed Matter Physics	1	7
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Seongsu Lee (P)	C	Rutgers University, New Brunswick	Physics Department								
Tim Murphy (S)	PI	National High Magnetic Field Laboratory	Operations	No other support			P19611	Testing of DCFM magnets, power supplies and associated equipment	Condensed Matter Physics	3	19.89
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								
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	1	7
Su Kong Chong (P)	C	University of California, Los Angeles	Department of Electric and Computer Engineering								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
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								
Pengcheng Dai (S)	PI	University of Tennessee, Knoxville	Physics	DOE	Other	DOE-SC0012311	P19614	Magnetoresistance in detwinned BaFe ₂ As ₂	Condensed Matter Physics	1	2.54
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Kelly Neubauer (G)	C	Rice University	Physics & Astronomy								
Cui-Zu Chang (S)	PI *	Pennsylvania State University	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0019064	P19615	Quantum Anomalous Hall Sandwiches Under High Magnetic Fields	Condensed Matter Physics	1	5
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								
Valentin Taufour (S)	PI *	University of California, Davis	Physics Department	University of California, Davis	US College and University		P19616	High Magnetic Field Studies of Co-based Materials	Condensed Matter Physics	1	7
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Audrey Grockowiak (S)	C	National High Magnetic Field Laboratory	DC Field/CMS								
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	2	11.36
Chang Niu (G)	C	Purdue University	Electrical and Computer 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	3	28
Hailong Fu (P)	C	Pennsylvania State University	Physics								
Ke Huang (G)	C	Pennsylvania State University	Physics								
Le Yi (G)	C	Pennsylvania State University	Physics								
Lu Li (S)	PI	University of Michigan	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0020184	P19627	Search for novel electronic, magnetic, and thermal properties in intense magnetic fields	Condensed Matter Physics	6	35.44
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								
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								
Dechen Zhang (G)	C	University of Michigan	Department of Physics								
Guoxin Zheng (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	2	16
Bernd Buechner (S)	C	Technical University of Dresden	Institute for Solid State Research								
Masaki Fujita (S)	C	Tohoku University IMR	Materials Property Division								
Jun Sik Lee (S)	C	SLAC National Accelerator Laboratory	XXX								
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								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Helene Raffy (S)	C	University of Paris-Sud	Laboratoire de Physique des Solides								
Takanori Taniguchi (S)	C	Tohoku University IMR	Materials Property Division								
Jasminka Terzic (P)	C	National High Magnetic Field Laboratory	CMS								
Olesia Voloshyna (P)	C	Technical University of Dresden	Institute for Solid State Research								
Youcheng Wang (P)	C	National High Magnetic Field Laboratory	NHMFL								
Yuxin Wang (G)	C	Florida State University	CMS								
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	3	28
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								
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	Office of Science - BES - Basic Energy Sciences	DE-sc0019443	P19632	Magnetic Order and Correlated Electronic Phenomena in Novel 2D van der Waals Materials	Chemistry	1	14
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS								
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	UCGP			P19638	Calorimetric and magnetic studies of quantum spin liquid candidates	Condensed Matter Physics	2	13.33
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Yanbo Guo (G)	C	University of Florida	Physics								
Xinzhe Hu (G)	C	University of Florida	Physics								
Jun Yang (S)	PI *	Institute of Physics, Chinese Academy of Sciences	Wuhan Institute of Physics and Mathematics	NIH	NIGMS - National Institute of General Medical Sciences	GM122698	P19677	Structural characterization of AqpZ protein at 35.2T magnet	Biology, Biochemistry, Biophysics	1	5
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Rongfu Zhang (P)	C	National High Magnetic Field Laboratory	NHMFL								
Al-Amin Dhirani (S)	PI *	University of Toronto (Toronto)	Chemistry	Natural Science and Engineering Research Council of Canada	Non US Council		P19678	The Kondo Effect at High Impurity Densities in Nanostructured Materials	Condensed Matter Physics	2	20
Ryan Baumbach (S)	C	National High Magnetic Field Laboratory	CMS	Natural Science and Engineering Research Council for Canada	Other Non US Federal Agency						
David Mandrus (S)	PI	University of Tennessee, Knoxville	Materials Science and Engineering	Gordon and Betty Moore Foundation	Other	GBMF9069	P19679	Thermal transport properties of TbNi3Ga9	Condensed Matter Physics	1	24
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Guangxin Ni (S)	PI *	Florida State University	Physics	No other support			P19684	Exploring the nature of 2D twistrionics under photon excitations	Condensed Matter Physics	1	7
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
James Hone (S)	C	Columbia University	Mechanical Engineering								
Philip Kim (S)	C	Harvard University	Department of Physics								
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Jiabao Wang (G)	C	Florida State University	Physics								
Youcheng Wang (P)	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
Kaitai Xiao (G)	C	Florida State University	physics	No other support			P19690	Investigating the magnetic properties across the valence state transition in EuPd _{2-x} AxSi _{2-y} By	Condensed Matter Physics	1	7
Theo Siegrist (S)	PI	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
Masoud Mardani (G)	C	Florida State University	CMS								
Shivani Sharma (P)	C	National High Magnetic Field Laboratory	CMS								
Kaya Wei (P)	C	National High Magnetic Field Laboratory	CMS								
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	1	7
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								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Pagnareach Tin (G)	C	University of Tennessee, Knoxville	Chemistry								
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	1	7
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 GdTe _{1.8} using high magnetic field	Condensed Matter Physics	1	7
Kaya Wei (P)	C	National High Magnetic Field Laboratory	CMS								
Robert Butera (S)	PI	* Laboratory for Physical Sciences, College Park	Physics	University of Maryland - College Park	US College and University	H9823017C0194	P19708	Weak localization and large field magnetoresistance effects in ultra-doped Si and Ge	Condensed Matter Physics	1	4.2
Sungha Baek (G)	C	University of Maryland, College Park	Physics								
Kevin Dwyer (P)	C	University of Maryland, College Park	Physics								
Tzu-Ming Lu (S)	C	Sandia National Laboratories	1117								
Scott Schmucker (S)	C	Sandia National Laboratories	Multiscale Fab Sci & Tech Dev								
Sunil Karna (S)	PI	* Norfolk State University	Physics Department	NSF	DMR - Division of Materials Research	DMR1832031	P19711	Investigating the suppression of dHVA oscillations with the emergence of strong diamagnetism of chiral compound PdGa	Condensed Matter Physics	1	4
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								
John DiTusa (S)	C	Louisiana State University	Department of Physics and Astronomy								
Liam Harrigan (U)	C	Norfolk State University	Physics Department								
Ronald Pagano (G)	C	Louisiana State University	Physics and Astronomy								
Leroy Salary (S)	C	Norfolk State University	Physics Department								
Doyle Temple (S)	C	Norfolk State University	Physics Department								
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	7
David Hilton (S)	C	University of Alabama, Birmingham	Physics								
Hengzhou Liu (G)	C	University of South Florida	Physics								
Varun Mapara (G)	C	University of South Florida	Physics								
Minhyea Lee (S)	PI	University of Colorado, Boulder	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0021377	P19717	Investigating thermal transport properties in strong spin-orbit coupled systems	Condensed Matter Physics	1	9
Gang Cao (S)	C	University of Colorado, Boulder	Department of Physics.								
Ian Leahy (G)	C	University of Colorado, Boulder	Physics								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
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
Mashaal Altairy (G)	C	University of California, Riverside	Physics and Astronomy								
Erfu Liu (P)	C	University of California, Riverside	Astronomy & Physics								
Tianyi Ouyang (G)	C	University of California, Riverside	Physics and Astronomy								
Ao Shi (G)	C	University of California, Riverside	Physics and Astronomy								
Matthew Wilson (G)	C	University of California, Riverside	Physics and Astronomy								
Dmitry Smirnov (S)	PI	National High Magnetic Field Laboratory	Instrumentation & Operations	DOE	Office of Science - BES - Basic Energy Sciences	DE-FG02-07ER46451	P19727	Testing new probes and techniques for high-field optical magnetospectroscopy	Condensed Matter Physics	1	7
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Dmitry Semenov (T)	C	National High Magnetic Field Laboratory	DC Field								
Komalavalli Thirunavukkuarasu (S)	C	Florida Agricultural and Mechanical University	Physics								
Li Xiang (P)	C	National High Magnetic Field Laboratory	DC field								
Guangxin Ni (S)	PI *	Florida State University	Physics	No other support			P19728	Study of higher-order topological quantum materials	Condensed Matter Physics	1	7
Jiabao Wang (G)	C	Florida State University	Physics								
Youcheng Wang (P)	C	National High Magnetic Field Laboratory	NHMFL								
Kaitai Xiao (G)	C	Florida State University	physics								
Charles Agosta (S)	PI	Clark University	Department of Physics	NSF	DMR - Division of Materials Research	DMR1905950	P19729	Search for inhomogeneous Superconductivity using field and angular sweeps.	Condensed Matter Physics	1	7
Raju Ghimire (G)	C	Clark University	Physics								
Brett Laramée (G)	C	Clark University	Physics								
John Schlueter (S)	C	Argonne National Laboratory	Materials Science								
C. W. (Paul) Chu (S)	PI	University of Houston	Physics	DOD	US Air Force	FA9550-20-1-0068	P19731	Fermi surface studies of topological phases of materials	Condensed Matter Physics	1	2.4
Liangzi Deng (S)	C	University of Houston	Department of Physics and Texas Center for Superconductivity	T. L. L. Temple Foundation	Other						
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field CMS	John J. and Rebecca Moores Endowment	Other						
Duncan Mierstchin (U)	C	West Texas A&M University	Chemistry and Physics	State of Texas through the Texas Center for Superconductivity at the University of Houston	Other						
Thinh Nguyen (G)	C	West Texas A&M University	Chemistry and Physics								
Keshav Shrestha (S)	C	Texas A&M University	Chemistry and Physics								
Michael Shatruk (S)	PI	National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry	NSF	DMR - Division of Materials Research	DMR1905499	P19737	Investigation of Magnetic Properties of Liquid-Exfoliated 2D Materials	Magnets, Materials	2	13
Ian Campbell (G)	C	Florida State University	Chemistry and Biochemistry								
Judith Clark (G)	C	Florida State University	Chemistry and Biochemistry								
Govind Sasi Kumar (G)	C	Florida State University	Chemistry and Biochemistry								
David Goldhaber-Gordon (S)	PI	Stanford University	Physics	Gordon and Betty Moore Foundation	US Foundation	GBMF9460	P19746	High flux per moire cell in van der Waals stacks	Condensed Matter Physics	1	8
Joseph Finney (G)	C	Stanford University	Physics								
Linsey Rodenbach (G)	C	Stanford University	Physics								
Ayyalusamy Ramamoorthy (S)	PI	University of Michigan	Chemistry & Biophysics	NIH	NIGMS - National Institute of General Medical Sciences	GM351395	P19766	Measurement of 170 Residual Quadrupolar Couplings in Small	Chemistry	1	4

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR					Molecules Using Lipid Nanodiscs			
Rongfu Zhang (P)	C	National High Magnetic Field Laboratory	NHMFL								
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	2	14
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	4
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	1	3
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								
Total Proposals:									Experiments:	Days:	
131									198	1,328.77	

EMR Facility

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Likai Song (S)	PI	National High Magnetic Field Laboratory	EMR	No other support			P17449	Developing Multifrequency EPR Methods for Biological Applications	Biology, Biochemistry, Biophysics	7	128.5
Manoj Vinayaka Hanabe Subramanya (G)	C	Florida State University	Physics								
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR								
Jonathan Marbey (G)	C	National High Magnetic Field Laboratory	EMR								
Alina Bienko (S)	PI	University of Wroclaw	Faculty of Chemistry	Wroclaw University	Non US College and University		P17642	Search for New Single-Molecule Magnets: High-Field EPR Studies on High-Spin Complexes of d-Electron Metals - Co(II), Ni(II), Re(IV)	Chemistry	1	2
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Ziling Xue (S)	PI	University of Tennessee, Knoxville	Chemistry	No other support			P17697	Investigating Molecular Magnetism by Magneto-Raman Spectroscopy	Chemistry	1	1
Alexandria Bone (G)	C	University of Tennessee, Knoxville	Chemistry								
Adam Hand (G)	C	University of Tennessee, Knoxville	Chemistry								
Brian Kettell (G)	C	University of Tennessee Space Institute	Chemistry								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Clay Mings (G)	C	University of Tennessee, Knoxville	Chemistry								
Duncan Moseley (G)	PI	University of Tennessee, Knoxville	Chemistry								
Pagnareach Tin (G)	C	University of Tennessee, Knoxville	Chemistry								
Chelsea Widener (G)	C	University of Tennessee, Knoxville	Chemistry								
Srinivasa Rao Singamaneni (S)	PI	University of Texas, El Paso	Physics	The University of Texas at El Paso	US College and University		P17698				
Christian Saiz (G)	C	University of Texas, El Paso	Physics								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Joseph Zadrozny (S)	PI	Colorado State University	Chemistry	NSF	CHE - Chemistry	CHE1836537	Molecular Control of Spin Relaxation and EPR Linewidth in Transition Metal Complexes	Chemistry	6	23	
Cassidy Jackson (G)	C	Colorado State University	Chemistry	NIH	NIBIB - National Institute for Biomedical Imaging and Bioengineering						
Roxanna Martinez (G)	C	Colorado State University	Chemistry	Colorado State University	US College and University						
Ian Moseley (G)	C	Colorado State University	Chemistry	Colorado State University	US College and University						
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR	Start up funding							
Siyoung Sung (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	CHE1900296					
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								
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Pagnareach Tin (G)	C	University of Tennessee, Knoxville	Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Jonathan Marbey (G)	C	National High Magnetic Field Laboratory	EMR								
Adam Veige (S)	PI	University of Florida	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	2
Clifford Bowers (S)	C	University of Florida	Chemistry								
Alec Esper (G)	C	University of Florida	Chemistry								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	NMR Division								
Zihui Miao (G)	C	University of Florida	Department of Chemistry								
Brent Sumerlin (S)	C	University of Florida	Chemistry								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Tommy Zhao (G)	C	University of Florida	Chemistry								
Danna Freedman (S)	PI	Northwestern University	Chemistry	No other support			P19174	Optically Addressable Molecular Qubits	Chemistry	1	6
Moses Amdur (G)	C	Northwestern University	Chemistry								
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	2	11
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
George Christou (S)	PI	University of Florida	Chemistry	No other support			P19185	High-Field EPR Studies of Exchange Coupling Within Single-Molecule Magnet Oligomers	Chemistry	7	39.33
ChristiAnna Brantley (G)	C	University of Florida	Chemistry	DOE	Office of Science - EFRC - Energy Frontier Research Centers	DE-SC0019330					
Alexander Diodati (G)	C	University of Florida	Chemistry								
Tuhin Ghosh (P)	C	University of Florida	Department of Chemistry								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Daphné Lubert-Perquel (P)	C	Imperial College London	Physics								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Johan van Tol (S)	PI	National High Magnetic Field Laboratory	EMR	No other support			P19207	Testing and Maintenance	Condensed Matter Physics	3	8.5
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR								
Frederic Mentink (S)	PI	National High Magnetic Field Laboratory	NMR Division	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	1	5
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								
Henry La Pierre (S)	PI	Georgia Institute of Technology	School of Chemistry and Biochemistry	Arnold and Mabel Beckman Foundation	US Foundation		P19275	Study of Zero Field Splitting in Molecular Tb4+ Complexes by High Field EPR	Biology, Biochemistry, Biophysics	3	14
Manoj Vinayaka Hanabe Subramanya (G)	C	Florida State University	Physics								
Arun Ramanathan (G)	C	Georgia Institute of Technology	Chemistry								
Robert Stewart (G)	C	Florida State University	Physics								
Likai Song (S)	PI	National High Magnetic Field Laboratory	EMR	No other support			P19282	Instrument Development and Maintenance	Magnets, Materials	6	82.5
Manoj Vinayaka Hanabe Subramanya (G)	C	Florida State University	Physics								
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								
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	11
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Kirill Kovnir (S)	PI	Iowa State University	Chemistry	Iowa State University	US College and University		P19330	EPR investigation of Cr2Se2 dimer	Chemistry	1	3
Eranga Gamage (G)	C	Iowa State University	Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Jianjun Pan (S)	PI	University of South Florida	Physics	NIH	NIGMS - National Institute of General Medical Sciences	GM117531	P19341	Interactions of the Helix 0 of Endophilin with Lipid Membranes Defined by Multi-Frequency EPR	Biology, Biochemistry, Biophysics	1	1
Likai Song (S)	C	National High Magnetic Field Laboratory	EMR								
Albert Stiegman (S)	PI	Florida State University	Chemistry	DOE	Office of Science - 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	3	9
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Nathan Peek (G)	C	Florida State University (FSU)	Chemistry and Biochemistry								
Susannah Scott (S)	C	University of California, Santa Barbara	Chemical Engineering								
Ellis Reinherz (S)	PI	Dana-Farber Cancer Institute	Medicine	No other support			P19358	EPR analysis of HIV-1 MPER segment for optimized vaccine design	Biology, Biochemistry, Biophysics	6	87
Likai Song (S)	C	National High Magnetic Field Laboratory	EMR								
Jurek Krzystek (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Science	No other support			P19369	Development of high-resolution THz EPR spectrometer based on the series-connected hybrid	Magnets, Materials	3	13.5
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR								
Songi Han (S)	C	University of California, Santa Barbara	Department of Chemistry and Biochemistry								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Bradley Price (G)	C	University of California, Santa Barbara	Physics								
Mark Sherwin (S)	C	University of California, Santa Barbara	Physics								
Xiaoling Wang (P)	C	University of California, Santa Barbara (UC Santa Barbara, UCSB)	Physics								
Grace Morgan (S)	PI	University College Dublin	School of Chemistry and Chemical Biology	No other support			P19428	Multiferroic behavior at spin-state transitions - beyond Mn(taa)	Chemistry	2	17
Shaline Chikara (S)	C	National High Magnetic Field Laboratory	CMS, DC Field Facility								
Brittany Grimm (G)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Vibe Jakobsen (G)	C	University College Dublin	School of Chemistry								
Irina Kuehne (P)	C	University College Dublin	School of Chemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Michael Shatruk (S)	PI	National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry	No other support			P19472	EPR Investigation of Lanthanide Complexes as Potential Hosts for Clock Transitions and Molecular Qubits	Magnets, Materials	4	40.5
Miguel Gakiya (G)	C	Florida State University	Chemistry and Biochemistry								
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								
Daphné Lubert-Perquet (P)	C	Imperial College London	Physics								
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR								
Robert Stewart (G)	C	Florida State University	Physics								
Michal Leskes (S)	PI	Weizmann Institute of Science	Materials and Interfaces	European Research Council	Non US Council	803024	P19484	Determining spin relaxation properties of metal phosphates with	Chemistry	3	6
Daniel Jardón Álvarez (P)	C	Weizmann Institute of Science	Materials and Interfaces								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Brijith Thomas (P)	C	Weizmann Institute of Science	Materials and Interfaces					varying Mn(II) content at high field			
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	2
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	Magnets, Materials	1	22
Igor Fritsky (S)	PI	Taras Shevchenko National University of Kyiv	Chemistry	Taras Shevchenko University, Kiev, Ukraine	Non US College and University		P19517	HF-EPR study of stable water-soluble manganese(IV) hexahydrate clathrochelate complexes with unusual electronic structure	Chemistry	2	4
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Lavrent Khachatryan (S)	PI *	Louisiana State University	Chemistry	Louisiana State University	US College and University	NSF CBET-1805677	P19570	Homogeneous and Heterogeneous pathways for formation of Environmentally Persistent Free Radicals (EPFRs)	Chemistry	1	4.5
Mohamad Barekati-Goudarzi (P)	C	Louisiana State University	Chemistry								
Stephania Cormier (S)	C	Louisiana State University	Biological Sciences								
Slawo Lomnicki (S)	C	Louisiana State University	Energy Coast & Environment Bldg								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
David Powers (S)	PI *	Texas A&M University	Chemistry	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0018977	P19590	HFEPR Characterization Porphyrin-Supported Metalloporphyrins	Chemistry	2	9
Madeline Hicks (G)	C	California Institute of Technology	Chemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Joshua Telser (S)	C	Roosevelt University	Biological, Physical and Health Sciences								
Gerard Van Trieste (G)	C	Texas A&M University	Chemistry								
Joseph Zadrozny (S)	PI	Colorado State University	Chemistry	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0021259	P19618	High-Field/Frequency Spin Relaxation Phenomena in Metal Complexes	Chemistry	3	14.5
Cassidy Jackson (G)	C	Colorado State University	Chemistry	NIH	NIBIB - National Institute for Biomedical Imaging and Bioengineering	EB210272					
Roxanna Martinez (G)	C	Colorado State University	Chemistry	Research Corporation for Scientific Advancement	US Foundation	27663					
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR	ACS Petroleum Research Foundation	US Foundation	60033-DNI3					
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
David Herbert (S)	PI *	University of Manitoba	Department of Chemistry	Natural Sciences and Engineering Research Council of Canada	Other Non US Federal Agency	RGPIN-2014-03733	P19661	High-Frequency and High-Field EPR Spectroscopy of Pseudo-Octahedral Ni(II) Complexes of Strongly Absorbing Benzannulated Pincer-Type Amido Ligands with Non-Aufbau Electronic Behavior	Chemistry	1	2
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Joshua Telser (S)	C	Roosevelt University	Biological, Physical and Health Sciences								
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	8
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								
Pagnareach Tin (G)	C	University of Tennessee, Knoxville	Chemistry								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
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								
Polly Arnold (S)	PI *	University of California, Berkeley	Chemistry	DOE	Office of Science - BES - Basic Energy Sciences	DE-AC02-05CH11231	P19738	Electronic structure of new f-block molecular qubits	Chemistry	3	6
Manoj Vinayaka Hanabe Subramanya (G)	C	Florida State University	Physics								
Amy Kynman (G)	C	University of California, Berkeley	Chemistry								
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR								
Joan Cano (S)	PI	University of Valencia	Instituto de Ciencia Molecular	NSF	DMR - Division of Materials Research	DMR1644779	P19756	Building quantum gates and quantum computer through assembling mononuclear single-molecule magnets based on Co(II) and other 3d transition metal ions. In pursuit of new physics in spintronics	Magnets, Materials	1	2.5
Miguel Julve (S)	C	University of Valencia	Inorganic Chemistry								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Francesc Lloret (S)	C	University of Valencia	Institut de Ciència Molecular (ICMOL).								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Renato Rabelo De Souza Filho (G)	C	University of Valencia	Instituto de Ciencia Molecular (ICMol)								
Marta Viciano-Chumillas (P)	C	University of Valencia	Instituto de Ciencia Molecular								
Martin Bakker (S)	PI *	University of Alabama, Tuscaloosa	Chemistry and Biochemistry	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2050507					
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	9
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								
Olga Vassilyeva (S)	PI	Taras Shevchenko National University of Kyiv	Chemistry	Taras Shevchenko National University of Kyiv	Non US College and University		P19785	Various types of transition metal Schiff base complexes: from theoretical studies to applications	Chemistry	3	13.5
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Svitlana Petrusenko (S)	C	Taras Shevchenko National University of Kyiv	Chemistry								
Oleg Stetsiuk (U)	C	Taras Shevchenko National University of Kyiv	Inorganic Chemistry								
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 Very High Frequency Electron Paramagnetic Resonance Study	Condensed Matter Physics	1	3.17
Cedomir Petrovic (S)	C	Brookhaven National Laboratory	Condensed Matter Physics								
Fazel Tafti (S)	C	Boston College	Physics								
Patrick Lenahan (S)	PI	Pennsylvania State University	Engineering Science and Mechanics, Inter-College Graduate Program in Materials Science and Engineering	DOD	DTRA - Defense Threat Reduction Agency		P19805	Electrically Detected Magnetic Resonance Measurements on 4H SiC MOSFETs at NHMFL	Condensed Matter Physics	1	4
James Ashton (P)	C	National Institute of Standards and Technology MD	Magnetic Resonance, Nanoscale Device Characterization								
Fedor Sharov (G)	C	Pennsylvania State University	Engineering Science and Mechanics								
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	1	2

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science						
Hannah Shafaat (S)	C	Ohio State University	Chemistry and Biochemistry						
Total Proposals:							Experiments:	Days:	
48							113	770	

3. HIGH B/T FACILITY

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Chao Huan (P)	PI	University of Florida	Physics	UCGP			P17606	Studies of Novel Phases of 3He in Extreme Conditions	Condensed Matter Physics	1	36
Johnny Adams (G)	C	University of Florida	Physics								
Donald Candela (S)	C	University of Massachusetts	Physics								
Marc Lewkowitz (G)	C	University of Florida	Physics								
Neil Sullivan (S)	C	University of Florida	Physics								
Dominique Laroche (S)	PI *	University of Florida	Physics	UCGP	TBD		P19332	Coulomb drag of spin-polarized Luttinger liquids at ultra-low temperatures - UCGP	Condensed Matter Physics	1	111.5
Rasul Gazizulin (O)	C	University of Florida	Physics								
Guillaume Gervais (S)	C	McGill University	Physics Department								
John Reno (S)	C	Sandia National Laboratories	-								
Lucia Steinke (P)	C	University of Florida (UF)	High B/T Facility								
Michael Shatruk (S)	PI *	National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry								
Ovidiu Gartea (S)	C	Oak Ridge National Laboratory	Neutron Scattering sciences	NSF	DMR - Division of Materials Research	DMR1905499	P19416	Investigation of Spin Frustration in Na ₂ Mn ₂ Se ₃	Magnets, Materials	2	222
Naoto Masuhara (S)	C	University of Florida	Microkelvin Laboratory, Physics								
Mark Meisel (S)	C	University of Florida	Department of Physics								
Neil Sullivan (S)	C	University of Florida	Physics								
Collin Broholm (S)	PI *	Johns Hopkins University	Physics and Astronomy								
Johnny Adams (G)	C	University of Florida	Physics								
Rasul Gazizulin (O)	C	University of Florida	Physics								
Alireza Ghasemi (G)	C	Johns Hopkins University	Physics and Astronomy								
Chao Huan (P)	C	University of Florida	Physics								
Lucia Steinke (P)	PI *	University of Florida (UF)	High B/T Facility								
Rasul Gazizulin (O)	C	University of Florida	Physics								
Suchitra Sebastian (S)	C	University of Cambridge	Physics								
Andrew Woods (P)	C	University of Florida	Physics								
Total Proposals:											
									5	7	645

4. ICR FACILITY

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Ni-Bin Chang (S)	PI	University of Central Florida	Department of Civil Engineering	NSF	Other	1830036	P17749	Carbon and copper Impacts on biological removal of dissolved organicnitrogen (DON) via biosorption activated media (BAM)	Engineering	1	1.48
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	Florida Dept of Transportation	US Government Lab	Grant No. BDV24 TWO 977-14)					
Amy McKenna (S)	C	National High Magnetic Field Laboratory									
Diana Ordonez (U)	C	University of Central Florida	CECE								
Andrea Valencia (G)	C	University of Central Florida	Civil, Environmental and Construction Engineering								
Martin Wanielista (S)	C	University of Central Florida	Department of Civil, Environmental, and Construction Engineering								
Dan Wen (G)	C	University of Central Florida	Civil Environmental & Construction Engineering								
Aixin Hou (S)	PI	Louisiana State University	Department of Environmental Sciences	Gulf of Mexico Research Initiative	Other US Federal Agency		P17789	A Decade-long Study on Impact, Recovery, and Resilience in Louisiana Salt Marshes: The evolution of oil transformation compounds and plant-soil-microbialresponses to the Deepwater Horizon oil spill	Chemistry	1	0.33
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Qianxin Lin (S)	C	Louisiana State University	Department of Oceanography and Coastal Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	Florida State University Research Foundation	US College and University	Winchester Fund	P17791	Land use change in the Congo Basin: how does seasonality and land-use control the composition of DOM?	Chemistry	1	0.58
Pascal Boeckx (S)	C	Ghent University	Applied analytical and physical chemistry								
Jeffrey Chanton (S)	C	Florida State University	Department of Earth, Ocean and Atmospheric Science								
Bienvenu Dinga (S)	C	Institut de Recherche en Sciences et Exactes et Naturelles	Plant Science								
Travis Drake (P)	C	Swiss Federal Institute of Technology in Zurich	Environmental Systems Science								
Martin Kurek (G)	C	Florida State University	Earth, Ocean, and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Landry Ntaboba (S)	C	Université Catholique de Bukavu	Faculty of Agronomy								
Benjamin Nyilitya (G)	C	Ghent University	Green Chemistry								
Johan Six (S)	C	Swiss Federal Institute of Technology in Zurich	Earth Sciences								
Kristof Van Oost (S)	C	University of Leuven	Earth Sciences								
Omics LLC (S)	PI	Omics, LLC	Omics	FFI			P17792	Omics LLC	Chemistry	1	1
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Jeremy Owens (S)	PI	National High Magnetic Field Laboratory	Earth, Ocean and Atmospheric Sciences	NASA		NNA15BB03A)	P17838	Molecular characterization of vanadyl compounds from the Demerara Rise	Chemistry	1	0.33
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	NSF	EAR - Earth Sciences	EAR1338299					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR	NSF	OCE - Ocean Sciences	OCE1624895					
Angela Knapp (S)	PI	Florida State University	Earth, Ocean and Atmospheric Sciences	NSF	OCE - Ocean Sciences	OCE1736557	P17850	Characterizing the chemical composition of	Chemistry	1	0.14

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Rene Boiteau (S)	C	Oregon State University	College of Earth, Ocean, Atmospheric Sciences	NSF	OCE - Ocean Sciences	OCE1829761	P17944	dissolved organic matter in submarine groundwater discharge collected on the South Carolina and West Florida Shelves			
Kristen Buck (S)	C	University of South Florida	College of Marine Science								
Dreux Chappell (S)	C	Old Dominion University	Ocean, Earth and Atmospheric Science								
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Susan Lang (S)	C	University of South Carolina	School of the Earth, Ocean, and Environment								
Carlos Miranda (U)	C	Florida State University	Oceanography								
Willard Moore (S)	C	University of South Carolina	School of the Earth, Ocean, and Environment								
James Pinckney (S)	C	University of South Carolina	School of the Earth, Ocean, and Environment								
Rachel Thomas (G)	C	Florida State University	Earth, Ocean, and Atmospheric Science								
Alicia Wilson (S)	C	University of South Carolina	School of the Earth, Ocean, and Environment								
Martha Chacon (S)	PI	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	EU FT-ICR MS Centers		731077	P17944	Comprehensive characterization of asphaltene by FT-ICR MS and chromatography separations	Chemistry	2	6.17
Nelson Acevedo (S)	C	University of Pau and Pays de l'Adour	IPREM	German Research Foundation		INST 264/56					
Brice Bouyssiere (S)	C	University of Pau and Pays de l'Adour	IPREM								
Herve Carrier (S)	C	University of Pau and Pays de l'Adour	UPPA								
Jimmy Castillo (S)	C	Central University of Venezuela	Escuela de Quimica								
Jean-Luc Daridon (S)	C	University of Pau and Pays de l'Adour	IPREM								
Pierre Giusti (S)	C	Total	Refining and Chemicals								
Taylor Glatke (G)	C	Florida State University	ICR								
Caroline Mangote (S)	C	Total	Research & Technology								
Aurora Mejia (S)	C	University of Pau and Pays de l'Adour	UPPA								
Remi Moulian (G)	C	National High Magnetic Field Laboratory	ICR								
Vincent Piscitelli (S)	C	Central University of Venezuela	Escuela de Quimica								
Sadia Radji (S)	C	University of Pau and Pays de l'Adour	UPPA								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Franklin Leach (S)	PI	University of Georgia	Environmental Health Science	UCGP			P17979	High-Speed Molecular Imaging by FT-ICR MS with Multiple Frequency Detection	Chemistry	1	2.5
Chris Hendrickson (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program	University of Georgia	US College and University	startup funds					
Karl Smith (P)	C	National High Magnetic Field Laboratory	ICR								
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR								
Mengqiang Zhu (S)	PI	University of Wyoming	Ecosystem Science and Management	NSF	CAREER - Faculty Early Career Development Program	EAR-1752903	P18048	Oxidation of Dissolved Organic Matter by Manganese Oxides	Chemistry	1	0.5
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	NSF	DEB - Division of Environmental Biology	DEB2027284					
Than Dam (G)	C	University of Wyoming	Department of Ecosystem Science and Management								
Zhen Hu (G)	C	University of Wyoming	COLLEGE OF AGRICULTURE AND NATURAL RESOURCES								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Hairuo Mao (P)	C	University of Wyoming	Ecosystem science and management								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Jianchao Zhang (P)	C	University of Wyoming	Ecosystem Science and Management								
Thomas Borch (S)	PI	Colorado State University	Soil and Crop Science	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1512670	P18055	Investigation into Dissolved Organic Matter in Arctic Soil	Chemistry	1	0.67
William Bahureksa (G)	C	Colorado State University	Chemistry	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2114868					
Casey Bryce (P)	C	University of Tuebingen	Center for Applied Geoscience	University Tuebingen	Non US College and University						
Carmen Hörschen (P)	C	Technical University of Munich	Soil Science	German Academic Scholarship Foundation	Other Non US Federal Agency	390838134					
Hanna Joss (G)	C	Eberhard Karls University of Tübingen	Geosciences, Geomicrobiology	Institutional Strategy of the University of Tuebingen	Other Non US Federal Agency	DFG, ZUK63					
Andreas Kappler (S)	C	Eberhard Karls University of Tübingen	Center for Applied Geosciences								
Sara Kleindienst (S)	C	Eberhard Karls University of Tübingen	Geosciences								
Merritt Logan (G)	C	Colorado State University	Chemistry								
Carsten Mueller (S)	C	University of Copenhagen	Department of Geoscience and Natural Resource Management								
Monique Sézanne Patzner (G)	C	University Tuebingen	Geoscience								
Fernando Rosario-Ortiz (S)	C	University of Colorado, Boulder	Environmental Engineering								
Thomas Scholten (S)	C	Eberhard Karls University of Tübingen	Geosciences								
Daniel Straub (P)	C	Eberhard Karls University of Tübingen	Quantitative Biology Center (QBiC)								
Kevin Thorn (S)	C	U.S. Geological Survey	Water Resources								
Robert Young (S)	C	New Mexico State University, Main Campus	Chemical Analysis & Instrumentation Laboratory								
Zhe Zhou (P)	C	Alfred Wegener Institute for Marine and Arctic Research	Marine Geochemistry								
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	3	7.17
Marianna Acker (G)	C	Woods Hole Oceanographic Institution	Watson Laboratory	NSF	OCE - Ocean Sciences	OCE1634080					
Lydia Babcock-Adams (G)	C	University of Georgia	Marine Sciences	NSF	OCE - Ocean Sciences	OCE1736280					
Benjamin Granzow (G)	C	Woods Hole Oceanographic Institution	Watson Laboratory	Simmons Foundation	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								
Meilian Chen (S)	PI	Guangdong Technion	Environmental program	Guangdong Province, China & STEP		2019QZKK0605	P18102	Dynamics of dissolved organic matter from Alpine watersheds in the Himalayan-Tibetan Plateau	Chemistry	1	0.5
Jin Hur (S)	C	Sejong University	Department of Environment & Energy	Guangdong Technion	Non US College and University						
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Chaoliu Li (S)	C	Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences	Institute of Tibetan Plateau Research								
Nagamitsu Maie (S)	C	Kitasato University	Department of Environmental Bioscience								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Sydney Niles (G)	C	National High Magnetic Field Laboratory	Chemistry								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Fanping Yan (S)	C	Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences	State Key Laboratory of Cryospheric Sciences								
Francisco Fernandez-Lima (S)	PI	Florida International University	Chemistry and Biochemistry	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI135469	P19108	Lipids dynamics during the mosquito reproductive cycle	Biology, Biochemistry, Biophysics	1	0.5
Veronika Michalkova (S)	C	Biology Centre CAS	Institute of Parasitology	NSF	CHE - Chemistry	CHE1654274					
Fernando Noriega (S)	C	Florida International University	Department of Biology	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI04554_					
Marcela Nouzova (S)	C	Biology Centre CAS	Institute of Parasitology								
Lilian Tose (P)	C	Florida International University	Chemistry and Biochemistry								
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR								
Collin Ward (S)	PI	Woods Hole Oceanographic Institution	Department of Marine Chemistry and Geochemistry	No other support			P19124	Chemical characterization of marine plastic partial photochemical oxidation	Chemistry	1	0.33
Colleen Hansel (P)	C	Woods Hole Oceanographic Institution	Marine Chemistry and Geochemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Sydney Niles (G)	C	National High Magnetic Field Laboratory	Chemistry								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Anna Walsh (G)	C	Woods Hole Oceanographic Institution	Marine Chemistry and Geochemistry								
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR								
Andrew Wozniak (S)	PI	University of Delaware	School of Marine Science and Policy	University of Delaware	US College and University	Start Up	P19159	Environmental controls on the chemical composition of Delaware Bay's surface microlayer	Chemistry	1	0.33
Alina Ebling (T)	C	University of Delaware	Earth, Ocean & Environment	Univ of Delaware	US College and University						
Hollie Emery (P)	C	Harvard University	Department of Organismic and Evolutionary Biology								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Sunita Shah Walter (S)	C	University of Delaware	School of Marine Science & Policy								
Leland Wood (G)	C	University of Delaware	School of Marine Science and Policy								
Michael Timko (S)	PI	Worcester Polytechnic Institute	Chemical Engineering	MassCEC			P19162	Comprehensive Mass Spectrometer Analysis of Algae and Food Waste Hydrothermal Liquefaction Products	Chemistry	1	1
Feng Cheng (T)	C	Worcester Polytechnic Institute	Chemical Engineering	NSF	CAREER - Faculty Early Career Development Program	155428					
Daniela Fraga Alvarez (G)	C	Worcester Polytechnic Institute	Department of Chemical Engineering	DOE	Other	DE-SC0015784					

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Sergio Granados-Focil (S)	C	Clark University	Department of Chemistry	DOE	Other	DE-EE0008513					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Nelson (S)	C	Woods Hole Oceanographic Institution	Dept Marine Chemistry and Geochemistry								
Sydney Niles (G)	C	National High Magnetic Field Laboratory	Chemistry								
Alex Paulsen (S)	C	Mainstream Engineering Corp	Defense and Space								
Chris Reddy (S)	C	Woods Hole Oceanographic Institution	Geochemistry								
Carla Romo (G)	C	Worcester Polytechnic Institute	Chemical Engineering								
Geoffrey Tompsett (S)	C	Worcester Polytechnic Institute	Chemical Engineering								
Ruihan Zhang (S)	C	Worcester Polytechnic Institute	Dept. Mechanical Engineering								
Allison Oliver (S)	PI	Skeena Fisheries Commission	Fisheries	Fisheries and Oceans Canada	Non US Government Lab		P19184	From ice to rainforest: Delineation of complex DOM sources in coastal Canadian waters	Chemistry	1	0.67
Megan Behnke (P)	C	University of Alaska Southeast	Natural Science	Prince Rupert Port Authority	Non US Government Lab						
Paul Covert (S)	C	Fisheries and Oceans Canada	Institute of Ocean Sciences	Skeena River Salmon Enhancement Program	Non US Government Lab						
Sophia Johannessen (S)	C	Fisheries and Oceans Canada	Institute of Ocean Sciences								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
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	189.26
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	Other	5298					
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science	Delta Science Program							
Boris Lau (S)	PI	University of Massachusetts	Civil and Environmental Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1454443	P19198	Probing the Effects of Sulfidation on the Reactivity of Natural Organic Matter with Polymer-Capped Silver Nanoparticles by Fourier-Transform Ion Cyclotron Resonance Mass Spectrometry	Biology, Biochemistry, Biophysics	3	2
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	University of Massachusetts - Internal Research Grant	Other						
Salimar Cordero (O)	C	University of Massachusetts	Civil and Environmental Engineering								
William Hockaday (S)	C	Baylor University	Geosciences								
Richard Vachet (S)	C	University of Massachusetts Amherst	Chemistry								
Alan Marshall (S)	PI	National High Magnetic Field Laboratory	ICR	NSF	DMR - Division of Materials Research	DMR1644779	P19213	Derivatization of carboxylic acid and alcohol functional groups from photo-oxidized petroleum samples	Chemistry	1	3
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								
David Griffith (S)	PI	Willamette University	Chemistry	No other support			P19215	Identification and resolution of isobaric interferences of estrogens in wastewater	Chemistry	1	2.5
William Braaton (U)	C	Willamette University	Chemistry								
Carolyn Hutchinson (G)	C	Iowa State University	Chemistry								
Clarissa Lincoln (U)	C	Willamette University	Chemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Zeljka Popovic (G)	C	Florida State University	Ion Cyclotron Resonance								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR								
Hiarhi Monda (S)	PI	Bio Huma Netics, Inc.	Humic Lab Research	No other support			P19216	Molecular characterization of natural organic matter (NOM) and its fractions (humic and fulvic acids) from ores, peat, and compost and correlation with their plant biostimulant activity	Chemistry	1	1
Ryan Fountain (T)	C	Bio Huma Netics, Inc.	Humic Lab Research								
James Junker (S)	C	Louisiana Universities Marine Consortium	Aquatic Ecology								
Richard Lamar (S)	C	Bio Huma Netics, Inc.	R&D								
Elena Vialykh (P)	C	University of Colorado, Boulder	Civil, Environmental & Architectural Engineering								
Cynthia Heil (S)	PI	Mote Marine Laboratory	Red Tide Institute	NOAA/NOS/NCCOS/Competitive Research Award	Other	NA19NOS4780183	P19223	Molecular composition and bioavailability of dissolved organic nutrients in urban stormwater and municipal wastewater discharges to the Florida red tide dinoflagellate <i>Karenia brevis</i>	Biology, Biochemistry, Biophysics	1	1
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Patricia Holland (S)	C	Mote Marine Laboratory	HAB Ecology and Mitigation								
Mary Lusk (G)	C	University of Florida	Soil and Water Science Dept.								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Amanda Muni-Morgan (G)	C	University of Florida	Soil and Water Sciences								
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	1	7.67
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	NSF	OCE - Ocean Sciences	OCE1756610					
Thomas Kelly (G)	C	Florida State University	Earth, Ocean & Atmospheric Sciences	NSF	OCE - Ocean Sciences	OCE1851347					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR	NOAA	Other US Federal Agency	NOAA-NOS-NCCOS-2017-2004875					
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	Other	Department of Earth, Ocean and Atmospheric Science	DE-SC0007144	P19276	Characterizing the relationship between peatland temperature stability and DOM composition	1	0.67
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR	DOE	Other	ICR	DE-SC0012088				
Rachel Wilson (S)	C	Florida State University	EOAS	DOE	Other	Oak Ridge National Laboratory	Award No. Pending DE-AC05-00OR22725				
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	Alaska EPSCoR			P19289	Global perspective on the sources, cycling and composition of dissolved organic matter exported from mountain glaciers	Chemistry	1	0.45
Tom Battin (S)	C	Ecole Polytechnique Federale de Lausanne	ENAC IEE SBER	NSF	DEB - Division of Environmental Biology	DEB1145932					
Vincent De Staerke (T)	C	Ecole Polytechnique Federale de Lausanne	Stream Biofilm and Ecosystem Research Laboratory	NSF	OCE - Ocean Sciences	OCE1333157					
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 & Atmospheric 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								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
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								
Pierre Giusti (S)	PI	Total	Research & Technology	Conseil Régional d'Aquitaine		20071303002PFM	P19298	Analysis of Petroleum Products by Gel Permeation Chromatography (GPC) Online with Inductively Coupled Plasma/Mass Spectrometry (ICP MS) and with Fourier Transform Ion Cyclotron Resonance Mass Spectrometry (FT-ICR MS)	1	1	
Nelson Acevedo (S)	C	University of Pau and Pays de l'Adour	IPREM	FEDER		31486/08011464					
Carlos Afonso (S)	C	Normandy University	Chemistry	EU		636829					
Brice Bouyssiere (S)	C	University of Pau and Pays de l'Adour	IPREM	Total and the university of pau et des pays de l'adour	Other						
Herve Carrier (S)	C	University of Pau and Pays de l'Adour	UPPA								
Jimmy Castillo (S)	C	Central University of Venezuela	Escuela de Quimica								
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Jean-Luc Daridon (S)	C	University of Pau and Pays de l'Adour	IPREM								
Pierre Giusti (S)	C	Total	Refining and Chemicals								
Caroline Mangote (S)	C	Total	Research & Technology								
Aurora Mejia (S)	C	University of Pau and Pays de l'Adour	UPPA								
Remi Moulian (G)	C	National High Magnetic Field Laboratory	ICR								
Sandra Mounicou (S)	C	University of Pau and Pays de l'Adour	Chimie Analytique								
Vincent Piscitelli (S)	C	Central University of Venezuela	Escuela de Quim'ica								
Sadia Radji (S)	C	University of Pau and Pays de l'Adour	UPPA								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Fang Zheng (S)	C	University of Pau and Pays de l'Adour	Centre National de la Recherche Scientifique								
Juliana D'Andrilli (S)	PI	Louisiana Universities Marine Consortium (LUMCON)	Environmental Chemistry	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1804736	P19300	Disentangling the Underlying Chemistry of Absorbance and Fluorescence Spectroscopy: Coupling Multi-detector Size-Exclusion Based Fractionation of Dissolved Organic Matter to Molecular-Level FT-ICR MS Composition Analysis	1	0.25	
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Sarah Fischer (P)	C	University of Colorado, Boulder	Civil, Environmental and Architectural Engineering								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Fernando Rosario-Ortiz (S)	C	University of Colorado, Boulder	Environmental Engineering								
Amin Mirkouei (S)	PI	University of Idaho	Mechanical and Biological Engineering	University of Idaho (EIS Grant)	Other		P19334	Multi-level chemical fractionation scheme to enable in-depth characterization of bio-oil	1	1.5	
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Armando McDonald (S)	C	University of Idaho	Department of Forest, Rangeland and Fire Sciences								
Maria Magdalena Ramirez Corredores (S)	C	Idaho National Laboratory	Chemistry and radiation measurements								
Kavita Sharma (P)	C	Idaho State University	Department of Chemistry								
Ethan Struhs (G)	C	University of Idaho	Engineering								
Thomas Borch (S)	PI	Colorado State University	Soil and Crop Science	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1512670	P19338	Forest fire-impacted soil organic matter chemistry	3	3.2	

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used				
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	USDA - Department of Agriculture		AFRI 2021-67019034608									
Jim Ippolito (S)	C	Colorado State University	Soil and Crop Sciences	USDA - Department of Agriculture		COL00292D/1020695									
Eugene Kelly (S)	C	Colorado State University	College of Agricultural Sciences	DOE	Other	SC0021349									
Merritt Logan (G)	C	Colorado State University	Chemistry	DOE	Other	SC0021349									
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR	DOE	Other	SC00020205									
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	NMR Division	DOE	Other	DE-SC0020205									
Amelia Nelson (G)	C	Colorado State University	Soil and Crop Sciences	United States-Israel Binational Science Foundation	Other	2018130									
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												
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	8.83
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												
Estrella Rogel (S)	PI	Chevron ETC	Products and Analytical	Chevron Research	Other		P19359	Entangling Petroleum Properties with Molecular Composition: Analysis of Asphaltene Fractions by High-Temperature GC Coupled to ICP MS.	Chemistry	1	5				
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance												
Francisco Lopez Linares (S)	C	Chevron, Richmond	Downstream and Service-Petroleum and Material Characterization												
Jenny Nelson (S)	C	Agilent Technologies	Atomic Spectroscopy												
Cesar Ovalles (S)	C	Chevron Energy Tech. Comp.	Downstream and Services												
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR												
Colleen McMahan (S)	PI	U.S. Department of Agriculture	Bioproducts Research Unit/Western Regional Research Center	USDA - Department of Agriculture		2030-24-1410-022D	P19457	Determination of isoprenoid pathway metabolites in bioengineered guayule	Biology, Biochemistry, Biophysics	1	0.33				
Catherine Brewer (S)	C	New Mexico State University, Main Campus	Chemical and Materials Engineering	New Mexico State University Agricultural Experiment Station	US College and University										
Mostafa Dehghanizadeh (G)	C	New Mexico State University, Main Campus	Chemical and Materials Engineering												
Claudia Galvan (T)	C	New Mexico State University, Main Campus	Plant and Environmental Science												
F. Omar Holguin (S)	C	New Mexico State University, Main Campus	Department of Plant and Environmental Science												
Jackie Jarvis (S)	C	New Mexico State University, Main Campus	Plant and Environmental Sciences												

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								
Dante Placido (P)	C	U.S. Department of Agriculture	Bioproducts Research Unit/Western Regional Research Center								
Sergei Shalygin (G)	C	New Mexico State University, Main Campus	Plant and Environmental Science								
Ryan Rodgers (S)	PI	National High Magnetic Field Laboratory	ICR	No other support			P19464	Understanding of Emulsion Formation from Photo-Oxidized Crude Oils	Chemistry	1	5.75
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	2	0.5
Michael Böttcher (S)	C	Leibniz Institute for Baltic Sea Research Warnemünde	Geosciences								
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								
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	European Research Council	Non US Council	793962	P19475	Glacial influence on organic matter export in polar watersheds	Chemistry	1	0.14
Nathan Bramall (S)	C	Leiden Technology LLC	Technology								
Kathryn Bywaters (S)	C	Honeybee Robotics	.								
Brent Christner (S)	C	University of Florida	Microbiology & Cell Science								
Peter Doran (S)	C	Louisiana State University	Geobiology and Geophysics								
Ashley Dubnick (P)	C	Montana State University	Earth Sciences								
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								
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								
Diego Cobice (S)	PI	Ulster University	Biomedical Sciences	Department for the Economy (DfE) Randox Laboratories Ltd.	Other	Case number : 2018133NI	P19498	Spatial distribution of reactive aldehydes and discovery of potential tissue lipids markers in type 2 diabetes mouse kidney by MSI	Biology, Biochemistry, Biophysics	1	6.17
Simon Brockbank (S)	C	Randox Laboratories Ltd	R&D								
Carla Harkin (G)	C	Ulster University	Mass spectrometry								
Tara Moore (S)	C	Ulster University	Biomedical Sciences								
Donald Smith (S)	C	National High Magnetic Field Laboratory	ICR								
Karl Smith (P)	C	National High Magnetic Field Laboratory	ICR								
Ryan Rodgers (S)	PI	National High Magnetic Field Laboratory	ICR	No other support			P19499	Molecular Characterization of Water-Soluble Photooxidation	Chemistry	1	5.33
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
Thomas Ennis (S)	C	City of Austin, Texas	Watershed Protection Department					Products from Coal Tar Sealant and Asphalt Emulsion Sealant to Determine Anthropogenic Effects on the Built Environment			
Taylor Glatke (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								
James McClelland (S)	PI	University of Texas at Austin	Marine Science Institute	NSF	OPP - Office of Polar Programs	OPP1656026	P19500	Leaching and Biodegradability of Dissolved Organic Matter from Eroding Permafrost along the Alaska Beaufort Sea Coast	Chemistry	1	0.25
Megan Behnke (P)	C	University of Alaska Southeast	Natural Science	NSF	OPP - Office of Polar Programs	OPP1938820					
Emily Bristol (G)	C	University of Texas, Austin	Marine Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Calvin Mukarakate (S)	PI	National Renewable Energy Laboratory	National Bioenergy Center	DOE	BETO - Bioenergy Technologies Office	DE-AC36-08-G028308	P19502	Impacts of Biomass Feed, Catalyst, and Operating Conditions on Molecular Transformations during Catalytic Fast Pyrolysis Oil	Chemistry	1	0.83
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Kristiina Iisa (S)	C	National Renewable Energy Laboratory	Catalytic Carbon Transformation and Scale-Up Center								
Steven Rowland (S)	C	National Renewable Energy Laboratory	National Bioenergy Center								
Jack Ferrell (S)	PI *	National Renewable Energy Laboratory	Catalytic Carbon Transformation & Scaleup Center	DOE	BETO - Bioenergy Technologies Office	DE-AC36-08-G028308	P19503	Impact of Aging on Catalytic Fast Pyrolysis Oils	Chemistry	1	0.33
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Kristiina Iisa (S)	C	National Renewable Energy Laboratory	Catalytic Carbon Transformation and Scale-Up Center								
Calvin Mukarakate (S)	C	National Renewable Energy Laboratory	National Bioenergy Center								
Steven Rowland (S)	C	National Renewable Energy Laboratory	National Bioenergy Center								
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	1	0.75
Eva Doting (G)	C	Aarhus University	Environmental Science	Danish Ministry of Higher Education and Science	Non US Ministry	9096-00101B					
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	0.5
Allan Bacon (S)	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								
Benjamin Gilbert (S)	PI *	Lawrence Berkeley National Laboratory	Energy Geoscience	NSF	EAR - Earth Sciences	EAR1854875	P19512	Light- and Iron-Sensitized Oxidation of Dissolved Organic Matter	Chemistry	1	0.83
Claresta Joe-Wong (P)	C	Lawrence Berkeley National Laboratory	Earth and Environmental Sciences								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robyn Conmy (S)	PI *	Environmental Protection Agency	Office of Research and Development	EPA			P19519	High Resolution Analysis of Hydrocarbons to Advance Oil Spill Science	Chemistry	2	0.48
Mace Barron (S)	C	Environmental Protection Agency	Oil Spill Response Research Area								
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
Kiara Lech (S)	C	Environmental Protection Agency	Oil Spill Response Research Area								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Devi Sundaravivelu (S)	C	Pegasus Technical Services Inc	On-Site Contractor to U.S. EPA								
Patrick Tomco (S)	PI	University of Alaska Anchorage	Chemistry Department	NSF	OIA - Office of Integrative Activities	1929173	P19522	Photochemically Mobilized Dissolved Organic Matter from Crude Oil, Refined Fuels, and Herded Burn Residue in High Latitudes	Chemistry	1	4.17
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
David Podgorski (S)	C	University of New Orleans	Department of Chemistry								
Zachary Redman (P)	C	University of Alaska, Anchorage	Chemistry								
Elizabeth Whisenant (G)	C	University of Alaska, Anchorage	Chemistry								
Phoebe Zito (S)	C	University of New Orleans	Chemistry								
Rene Boiteau (S)	PI	Oregon State University	College of Earth, Ocean, Atmospheric Sciences	NSF	OCE - Ocean Sciences	OCE1829761	P19547	Deciphering the sources of trace element binding organic ligands in coastal sediments	Chemistry	1	14.67
Peter Chace (G)	C	Oregon State University	College of Earth, Ocean and Atmospheric Science								
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								
Chris Hendrickson (S)	PI	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program	No other support			P19548	Analytical Method Development for FT-ICR MS	Chemistry	6	429
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR	UCGP							
Greg Blakney (S)	C	National High Magnetic Field Laboratory	ICR	NIH	NIGMS - National Institute of General Medical Sciences	GM037537					
David Butcher (P)	C	National High Magnetic Field Laboratory	ICR								
Donald Hunt (S)	C	University of Virginia	Chemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Leah Schaffer (G)	C	University of Wisconsin, Madison	Chemistry								
Jeffrey Shabanowitz (S)	C	University of Virginia	Chemistry								
Michael Shortreed (S)	C	University of Wisconsin, Madison	Chemistry								
Lloyd Smith (S)	C	University of Wisconsin, Madison	Chemistry								
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	0.14
Thomas Borch (S)	C	Colorado State University	Soil and Crop Science	NSF	EAR - Earth Sciences	EAR1629698					
Anna Hermes (G)	C	University of Colorado, Boulder	Institute of Arctic and Alpine Research	University of Colorado Boulder Center for Water, Earth Science and Technology	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								

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								
Livia Schiavinato Eberlin (S)	PI *	University of Texas, Austin	Chemistry	NIH	NCI - National Cancer Institute	CA229068	P19585	Identification of a Molecular Biomarker of Thyroid Tissue	Biology, Biochemistry, Biophysics	2	4
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR	Welch Foundation Development of Ambient Ionization Ion Mobility Mass Spectrometry Imaging for Spatial and Chemical Lipids Analysis in Biological Samples	Other	F-1895					
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	Cancer Prevention and Research Institute of Texas CPRIT - IIRACT	Other	RP180381					
Rachel DeHoog (G)	C	University of Texas, Austin	Chemistry	The Gordon and Betty Moore Foundation	Other US Federal Agency	Moore Inventor Fellow					
Karl Smith (P)	C	National High Magnetic Field Laboratory	ICR	UTA	US Foundation	20-000069					
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR								
Ercan Cakmak (S)	PI *	Oak Ridge National Laboratory	Materials Science and Technology	DOE	Other	N/A	P19586	High Resolution Molecular Characterization of Industrially Relevant Coals using ESI and FI/FD FT-ICR MS	Chemistry	1	0.67
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
David Eaton (S)	C	University of Kentucky	Center of Applied Energy Research								
Stephan Irlle (S)	C	Oak Ridge National Laboratory	Computational Sciences and Engineering Division								
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								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Matthew Ryder (S)	C	Oak Ridge National Laboratory	Materials Science and Technology Division								
Frederic Vautard (S)	C	Oak Ridge National Laboratory	Advanced Materials								
Pilsun Yoo (S)	C	Oak Ridge National Laboratory	Materials and Chemical Engineer								
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	1.67
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	0.73
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR								
Yuan Lin (G)	C	Florida State University	Department of Chemistry and Biochemistry								
Alan Marshall (S)	C	National High Magnetic Field Laboratory	ICR								
Hui Pu (S)	PI *	University of North Dakota	Petroleum Engineering	Ecopetrol			P19603	High Resolution Compositional Characterization of Degraded Crude Oils Using Petroleomics	Chemistry	2	3.83
Humberto Carvajal-Ortiz (S)	C	Core Laboratories	Geoscience Operations US								
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
Thomas Gentzis (S)	C	Core Laboratories	Petroleum Services								
Miguel Jimenez	C	University of North Dakota	Petroleum Engineering								
Jacome (G)											
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Jorge Orrego-Ruiz (S)	C	Ecopetrol	Upstream laboratory								
Fernando Rojas Ruiz (S)	C	Ecopetrol	Upstream laboratory								
Katrina Counihan (S)	PI *	Alaska SeaLife Center	Research	No other support			P19625	Photoenhanced toxicity of crude oil to juvenile Coho salmon	Chemistry	1	0.5
Rana Ghannam (G)	C	University of New Orleans	Chemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Phoebe Zito (S)	C	University of New Orleans	Chemistry								
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	4.08
Brice Bouyssiere (S)	C	University of Pau and Pays de l'Adour	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	1.33
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								
Ronish Shrestha (G)	C	Worcester Polytechnic Institute	Chemical Engineering								
Andrew Teixeira (S)	C	Worcester Polytechnic Institute	Chemical Engineering								
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	1	0.33
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								
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	1	4.33
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	3.5
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR								
Jamini Bhagu (G)	C	Florida Agricultural and Mechanical 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								
Qing-Xiang "Amy" Sang (S)	PI *	Florida State University	Chemistry & Biochemistry	No other support			P19666	Top-Down Proteomic Analysis of	Chemistry	1	2

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR					Microplastics Exposed Human Lung Cells			
Alexander Mazzorana (U)	C	Florida State University	Department of Chemistry and Biochemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Carley Reid (G)	C	Florida State University	Chemistry and Biochemistry								
Mengqiang Zhu (S)	PI	University of Wyoming	Ecosystem Science and Management	NSF	DEB - Division of Environmental Biology	DEB2027284	P19667	Identifying Mineral Surface Properties Controlling Magnitude of Molecular Fractionation by Adsorption on Minerals	Engineering	1	2.45
Zhen Hu (G)	C	University of Wyoming	COLLEGE OF AGRICULTURE AND NATURAL RESOURCES								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Carson Thompson (G)	C	University of Wyoming	Dept. ECOSYSTEM SCIENCE AND MANAGEMENT								
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	0.33
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								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Clifford Walters (S)	C	University of Texas, Austin	Bureau of Economic Geology								
Jeffrey Stryker (S)	PI	* University of Alberta	Chemistry	University of Alberta	Non US College and University	CFREF - T09-C01	P19669	Hydrogen-free, Low-temperature, Electrocatalytic Upgrading of Bitumen Asphaltenes to Hexane-soluble Maltenes	Chemistry	1	2.17
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
David Scott (P)	C	University of Alberta	Chemistry								
Sebastian Doetterl (S)	PI	* ETH Zurich	Environmental Systems Science	ETH Zurich	Non US College and University		P19672	The effect of temperature on quantity and quality of dissolved soil organic carbon	Chemistry	1	0.33
Samuel Bode (P)	C	Ghent University	isotope Bioscience Laboratory-ISOEYS								
Pascal Boeckx (S)	C	Ghent University	Applied analytical and physical chemistry								
Martin Kurek (G)	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								
Daniel Wasner (G)	C	Swiss Federal Institute of Technology in Zurich	Department of Environmental Systems Science								
Erick Zagal (S)	C	University of Concepcion	Soils and Natural Resources								
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	NSF	GRFP - Graduate Research Fellowship Program	GRFP1000284	P19692	The impacts of permafrost thaw and peatland cover on DOM composition in west Siberian watersheds	Biology, Biochemistry, Biophysics	1	1.08
Karen Frey (S)	C	Clark University	Graduate School of Geography	NSF	DEB - Division of Environmental Biology	DEB2029585					
Martin Kurek (G)	C	Florida State University	Earth, Ocean, and Atmospheric Science	NSF	OPP - Office of Polar Programs	OPP2124464					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Romy Chakraborty (S)	PI	Lawrence Berkeley National Laboratory	Ecology	DOE	BER - Biological and Environmental Research	DE-AC02-05CH11231	P19706	Characterizing transformation of natural organic matter by key indigenous microorganisms	Chemistry	1	0.92
Sara Gushgari-Doyle (P)	C	Lawrence Berkeley National Laboratory	Earth & Environmental Sciences	Lawrence Berkeley Lab	US Government Lab	ENIGMA-Ecosystems and Networks Integrated with Genes					

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
				and Molecular Assemblies				interrestrial subsurface sediments			
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Xiaoqin Wu (S)	C	Lawrence Berkeley National Laboratory	Department of Ecology								
Amie Lund (S)	PI *	University of North Texas	Biological Sciences - Advanced Environmental Research Institute	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	5.5
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR								
Leah Schneider (G)	C	University of North Texas	Department of Biological Sciences								
Ryan Rodgers (S)	PI	National High Magnetic Field Laboratory	ICR	Various			P19743	OMICS LLC	Chemistry	1	0.25
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Chris Hendrickson (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program								
Murray Gray (S)	PI *	Alberta Innovates	Advanced Hydrocarbons	NSF	DMR - Division of Materials Research	DMR1644779	P19753	Molecular Characterization of Carbon Fiber Feedstocks Derived From Oilsands Bitumen	Chemistry	1	2.5
Paolo Bomben (S)	C	Alberta Innovates	Advanced Hydrocarbons								
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Christopher Rüger (S)	C	University of Rostock	Interdisciplinary Faculty, Department Life, Light & Matter								
Francesca Kerton (S)	PI *	Memorial University of Newfoundland	Chemistry	Natural Sciences and Engineering Research Council (NSERC)	Non US Foundation		P19754	Analytical methods for biochar characterization by FT-ICR MS	Chemistry	1	1.83
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	Canada Foundation for Innovation	Non US Foundation						
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	Provincial Govt of Newfoundland and Labrador	Other Non US Federal Agency						
Stephanie MacQuarrie (S)	C	Cape Breton University	Chemistry	Memorial University of Newfoundland (MUN)	Non US College and University						
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 2IT FT-ICR MS	Biology, Biochemistry, Biophysics	1	2
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 Hazardous Waste Management			P19776	Non-Thermal Plasma Degradation of Per- and Polyfluoroalkyl Substances from Landfill Leachate	Engineering	1	10
Radha Krishna Murthy Bulusu Raja (G)	C	Florida State University	Chemical and Biomedical Engineering								
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								
Robert Wandell (S)	C	Florida State University	Chemical and Biomedical Engineering								
Viji Sittler (S)	PI	Morgan State University	Biology	NSF	CBET - Chemical, Bioengineering,	CBET1900966	P19779	Oxidative stress induced impact of cell-	Chemistry	1	15

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used	
				Environmental, and Transport Systems				penetrating nanoparticles on cellular constituents in a cyanobacterial model				
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	0.95	
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									
Total Proposals:								75	Experiments:	91	Days:	794

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Sabyasachi Sen (S)	PI	University of California, Davis	Chemical Engineering and Materials Science	NSF	DMR - Division of Materials Research	DMR1855176	P17811	Investigation of the atomistic basis of structural relaxation and viscous flow in supercooled chalcogenide liquids by high field dynamical NMR spectroscopy	Condensed Matter Physics	6	37
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Yiqing Xia (G)	C	University of California, Davis	Materials Science								
Bing Yuan (G)	C	University of California, Davis	Engineering								
Weidi Zhu (G)	C	University of California, Davis	Materials Science & Engineering								
Jeffrey Schiano (S)	PI	Pennsylvania State University	Electrical Engineering	NIH	NIGMS - National Institute of General Medical Sciences	GM122698	P17819	Flux Regulation for Powered Magnets	Engineering	1	3
William Brey (S)	C	National High Magnetic Field Laboratory	NMR								
Ilya Litvak (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Xinxing Meng (G)	C	Pennsylvania State University	Electrical Engineering								
Waroch Tangbampensountorn (G)	C	Pennsylvania State University	Electrical Engineering								
Gang Wu (S)	PI	Queen's University at Kingston	Chemistry	No other support			P17856	Development of solid-state NMR methods for applications at high-field and the 36 T SCH magnet	Chemistry	23	144
David Bryce (S)	C	University of Ottawa	Department of Chemistry and Biomolecular Sciences	NIH	NIGMS - National Institute of General Medical Sciences	GM122698					
Kuizhi Chen (P)	C	National High Magnetic Field Laboratory	NMR	NSF	DMR - Division of Materials Research	DMR1855176					
Po-Hsiu Chien (G)	C	Florida State University	Chemistry and Biochemistry								
Tim Cross (S)	C	National High Magnetic Field Laboratory	NHMFL/Chemistry & Biochemistry								
Petr Gor'kov (S)	C	National High Magnetic Field Laboratory	CIMAR								
Robert Griffin (S)	C	Massachusetts Institute of Technology	Chemistry								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Sabyasachi Sen (S)	C	University of California, Davis	Chemical Engineering and Materials Science								
Amrit Venkatesh (G)	C	Iowa State University	Chemistry								
Yijue Xu (P)	C	National High Magnetic Field Laboratory	solid-state NMR								
Jeffery White (S)	PI	Oklahoma State University	Chemical Engineering	NSF	CHE - Chemistry	CHE1764116	P17925	Elucidating H+/Al Siting and Chemical Structures in Zeolites by Ultra-High Field NMR	Chemistry	4	18
maryam Abdolrahmani (G)	C	Oklahoma State University	Chemistry								
Kuizhi Chen (P)	C	National High Magnetic Field Laboratory	NMR								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Sarah Horstmeier (G)	C	Oklahoma State University	Chemistry								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Gang Wu (S)	PI	Queen's University at Kingston	Chemistry	NSERC of Canada	Other Non US Federal Agency		P17926	Probing the hydrogen nuclear wavefunction in OH low-barrier hydrogen bonds by 1H-17O double resonance NMR	Chemistry	2	11
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Dylan Murray (S)	PI	University of California Davis	Chemistry	No other support			P17941	Molecular Determinants for the Assembly of Low Complexity Protein Domains	Biology, Biochemistry, Biophysics	5	25
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
Robert Schurko (S)	PI	Florida State University	Chemistry	NSF	CHE - Chemistry	CHE2003854	P17946	Multinuclear Solid-State NMR of Quadrupolar Nuclei in Active Pharmaceutical Ingredients	83	319	
Christer Aakeroy (S)	C	Kansas State University	Chemistry and Biochemistry	State of Florida	Other	n/a					
Louae Abdulla (G)	C	University of Windsor	Chemistry	State of Florida	Other						
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					
Matthew DeJong (U)	C	Florida State University	Chemistry	NSERC	Other Non US Federal Agency	NSERC RGPIN-2016_06642					
Zach Dowdell (G)	C	Florida State University	Chemistry								
Carl Fleischer (G)	C	Florida State University	Chemistry								
Tomislav Friscic (S)	C	McGill University	Chemistry								
Lucio Frydman (S)	C	National High Magnetic Field Laboratory	NMR								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Adrian Gonzalez-Nelson (P)	C	Delft University of Technology	Chemical Engineering								
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								
Michael Jaroszewicz (G)	C	University of Windsor	Chemistry								
James Kimball (G)	C	Florida State University	Chemistry								
Danielle Laurencin (S)	C	University of Montpellier	Institut Charles Gerhardt de Montpellier								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	NMR Division								
Thomas-Xavier Métro (S)	C	Institut des Biomolécules	Equipe Chimie Verte et Technologies Innovantes								
Karthik Nagapudi (S)	C	Max Mousseron	Small Molecule Pharmaceutical Sciences								
Austin Peach (G)	C	Genentech Inc.	Chemistry and Biochemistry								
Jeremy Rawson (S)	C	Florida State University	Department of Chemistry and Biochemistry								
Jasmin Schoenart (G)	C	University of Windsor	Chemistry and Biochemistry								
Robert Smith (G)	C	Florida State University	Chemistry and Biochemistry								
Robert Smith (G)	C	National High Magnetic Field Laboratory	Chemistry								
Jessica Spachova (P)	C	Florida State University	Chemistry								
Albert Stiegman (S)	C	University of Montpellier	Chemistry								
Tony Stiegman (S)	C	Florida State University	Chemistry and Biochemistry								
Monique van der Veen (S)	C	Florida State University	Chemical Engineering								
Cameron Vojvodin (G)	C	Delft University of Technology	Chemistry and Biochemistry								
Lara Watanabe (G)	C	Florida State University	Chemistry and Biochemistry								
Lara Watanabe (G)	C	University of Windsor	Chemistry and Biochemistry								
Kendra Frederick (S)	PI	University of Texas, Southwestern	Biophysics	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS111236	P17968	Protein conformation determined in native cellular environments	2	15	
Whitney Costello (G)	C	University of Texas, Southwestern	Biophysics	NSF	CAREER - Faculty Early Career Development Program	1751174					
Jaka Kragelj (P)	C	University of Texas, Southwestern	Biophysics								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	NMR Division								
Yiling Xiao (P)	C	University of Texas, Southwestern	Biophysics								
Sungsool Wi (S)	PI	National High Magnetic Field Laboratory	NMR	NSF	CHE - Chemistry	CHE1808660	P18056	Solution State Overhauser DNP at 14 T	Chemistry	2	24
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR								
Jonathan Marbey (G)	C	National High Magnetic Field Laboratory	EMR								
Naresh Dalal (S)	PI	National High Magnetic Field Laboratory	Chemistry	NSF	CHE - Chemistry	CHE1464955	P18094	Study of molecular dynamics on metal organic framework [(CH3)2NH2]Mg(HCOO)3 using solid state NMR spectroscopy	Chemistry	3	16
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Sanath Kumar Rama Krishna (G)	C	Florida State University	Condensed Matter Physics								
Neeraj Sinha (S)	PI	Centre of Bio-Medical Research (CBMR)	Bio-medical department	SERB	Non US Foundation	EMR/2015/001758	P18099	Structural and interaction study of collagen protein in native bone and cartilage through dynamic nuclear polarization	Biology, Biochemistry, Biophysics	5	30
Richa Dubey (G)	C	Centre of Biomedical Research	Department of Advanced Spectroscopy and Imaging	Council of Scientific and Industrial Research (CSIR)	Non US Foundation						
Nidhi Tiwari (G)	C	Centre of Biomedical Research	NMR	Science and Engineering Research Board, Government of India	Other Non US Federal Agency	EMR/2015/001758					
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR	Science and Engineering Research Board, Government of India	Non US Foundation	EMR/2015/001758					
Victor Schepkin (S)	PI	National High Magnetic Field Laboratory	CIMAR	No other support			P18100	Non-invasive assessment of rat glioma using 170 labeled glucose	Biology, Biochemistry, Biophysics	3	6
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								
Robert Silvers (S)	PI	Florida State University	Chemistry and Biochemistry	Florida State University	US College and University	STARTUP	P19107	Development of ssNMR methods for structural elucidation of RNAs and RNPs	Biology, Biochemistry, Biophysics	2	4
Yimin Miao (P)	C	Florida State University	Chemistry & Biochemistry								
Yan-Yan Hu (S)	PI	Florida State University	Chemistry & Biochemistry	Solid Power			P19111	Structure-property correlation in Cl-doped tetragonal Na3PS4 (t-Na3PS4)	Chemistry	12	251
Michael Brady (G)	C	University of Southern California	Department of chemistry								
Eric Gabriel (G)	C	Boise State University	Materials Science and Engineering								
Lina Gao (G)	C	Florida State University	Department of Chemistry & Biochemistry								
Liangbin Hu (S)	C	University of Maryland, College Park	Department of Materials Science and Engineering								
Xueqian Kong (S)	C	Zhejiang University	Chemistry								
Yutao Li (P)	C	University of Texas, Austin	Materials Science and Engineering Program and Texas Materials Institute								
Brent Melot (S)	C	University of Southern California	Department of chemistry								
Pengbo Wang (G)	C	Florida State University	Chemistry								
Hui Xiong (S)	C	Boise State University	Materials Science and Engineering								
Chunpeng Yang (P)	C	University of Maryland, College Park	Department of Materials Science and Engineering								
Lina Zhou (G)	C	University of Cambridge	Chemistry Department								

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Subrhadi Paul (T)	C	The French Alternative Energies and Atomic Energy Commission	DRF/IRIG/MEM/RM								
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR								
Snorri Sigurdsson (S)	C	University of Iceland	Chemistry								
Jan Rainey (S)	PI	Dalhousie University	Biochemistry & Molecular Biology	Natural Sciences and Engineering Research Council of Canada	Non US Council	RGPAS/507805-2017	P19288	Solid-state NMR characterization of spider wrapping and pyriform silks	Biology, Biochemistry, Biophysics	3	25
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR	Natural Sciences and Engineering Research Council of Canada	Non US Council	RGPIN/05907-2017					
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	NMR Division								
Jeffrey Simmons (G)	C	Dalhousie University	Department of Biochemistry & Molecular Biology								
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 Vitrimers by VT 17O and 13C Chemical Exchange SSNMR	Chemistry	2	13
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								
Thomas Borch (S)	PI	* Colorado State University	Soil and Crop Science	DOE	Other	SC0021349	P19338	Forest fire-impacted soil organic matter chemistry	Chemistry	1	4
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	DOE	Other	DE-SC0020205					
Jim Ippolito (S)	C	Colorado State University	Soil and Crop Sciences	US Dept of Agriculture	Other US Federal Agency	1025233					
Eugene Kelly (S)	C	Colorado State University	College of Agricultural Sciences								
Merritt Logan (G)	C	Colorado State University	Chemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	NMR Division								
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								
Mike Wilkins (S)	C	Colorado State University	College of Agricultural Sciences								
Geoffrey Strouse (S)	PI	National High Magnetic Field Laboratory	Chemistry	NSF	DMR - Division of Materials Research	DMR1905757					
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								
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								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	NMR Division								
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								

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Likai Song (S)	C	National High Magnetic Field Laboratory	EMR								
Cameron Vojvodin (G)	C	Florida State University	Chemistry and Biochemistry								
Hadi Mohammadigoushki (S)	PI	Florida State University	Chemical and Biomedical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1942150	P19421	Probing in situ structure of monoclonal antibodies at water-air and water-oil interfaces via high field nuclear magnetic resonance spectroscopy	Engineering	7	41.5
Jamini Bhagu (G)	C	Florida Agricultural and Mechanical University	Chemical ENG	Florida State University-CRC							
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering	Florida State CRC - Planning Grant	US College and University						
Alfredo Scigliani (G)	C	Florida State University	Chemical & Biomedical Engineering	Florida State Planning Grant	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 deuterium NMR.	Biology, Biochemistry, Biophysics	4	9
Alexander Greenwood (S)	C	University	Department of Chemistry								
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	7	201
Kilsia Mercedes (G)	C	University of Colorado, Denver	Biochemistry and Molecular Genetics								
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	9	60
Liyanage Fernando (G)	C	Louisiana State University	Chemistry	DOE	Office of Science - ECRP - Early Career Research Program	DE-SC0021210					
Fabien Deligey (P)	C	Louisiana State University	Chemistry	NIH	NIAID - National Institute of Allergy and Infectious Diseases	R21AI149289					
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0021210					
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Alex Kirui (G)	C	Louisiana State University	Chemistry								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	NMR Division								
Alexandre Poulhazan (G)	C	University of Quebec at Montreal	Chemistry								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
S. Shekar (P)	C	Louisiana State University	chemistry								
Tuo Wang (S)	C	Louisiana State University	Chemistry								
Hui Yang (S)	C	Pennsylvania State University	Department of Biology								
Wancheng Zhao (G)	C	Louisiana State University	Chemistry								
Ashley Blue (T)	PI	National High Magnetic Field Laboratory	NHMFL	No other support			P19456	NMR System Maintenance	Magnets, Materials	23	280.5
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	NMR Division								
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Robert Silvers (S)	PI	Florida State University	Chemistry and Biochemistry	Florida State University	Other	Start-up	P19461			1	1

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Tim Cross (S)	PI	National High Magnetic Field Laboratory	NHMFL/Chemistry & Biochemistry	NIH	NIAID - National Institute of Allergy and Infectious Diseases	A1119178	P19516	Structural Characterization of SARS-CoV-2 E protein in lipid bilayer with Solid-State NMR	Biology, Biochemistry, Biophysics	54	407
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR	NIH	NIGMS - National Institute of General Medical Sciences	GM122698					
Huajun Qin (T)	C	Florida State University	Chemistry & Biochemistry								
Rongfu Zhang (P)	C	National High Magnetic Field Laboratory	NHMFL								
Danielle Laurencin (S)	PI	University of Montpellier	Institut Charles Gerhardt de Montpellier	European Research Council	Other		P19531	Identification of interfacial bonding environments in functional nanomaterials and biomaterials using high resolution solid state NMR at (ultra)-high fields	Chemistry	1	2
Christian Bonhomme (S)	C	Pierre and Marie Curie University	Laboratoire de Chimie de la Matière Condensée								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
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								
Danielle Laurencin (S)	PI	University of Montpellier	Institut Charles Gerhardt de Montpellier	ERC	Non US Council		P19532	Identification of interfacial bonding environments in functional nanomaterials and biomaterials using high resolution solid state NMR at (ultra)-high fields	Chemistry	9	48
Chia-Hsin Chen (P)	C	French National Center for Scientific Research	Institut Charles Gerhardt de Montpellier	ERC	Other						
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL	ERC	Other	772204					
Ieva Goldberga (P)	C	French National Center for Scientific Research	Institut Charles Gerhardt de Montpellier	CNRS	Other						
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
César Leroy (P)	C	French National Center for Scientific Research	ICGM - UMR 5253								
Cesario Borlongan (S)	PI *	University of South Florida	College of Medicine, Neurosurgery	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NSI02395	P19565	In vivo assessment of cell-derived therapies for treatment of stroke: 23Na MRI and 1H MRS	Biology, Biochemistry, Biophysics	24	35.5
Jacob Athey (U)	C	Florida State University	Chemical & Biomedical Engineering	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NSI15490					
Bruce Bunnell (S)	C	Tulane University	Pharmacology								
Shannon Helsper (G)	C	National High Magnetic Field Laboratory	NMR								
David Hike (G)	C	Florida State University	Chemical and Biomedical Engineering								
Hedi Mattoussi (S)	C	Florida State University	Chemistry & Biochemistry								
Alfredo Scigliani (G)	C	Florida State University	Chemical & Biomedical Engineering								
Xuegang Yuan (G)	C	Florida State University	Chemical & Biomedical Engineering								
Jun Xu (S)	PI	Wuhan Institute of Physics & Mathematics, Chinese Academy of Sciences	Wuhan NMR center	NSF	DMR - Division of Materials Research	DMR1644779	P19568	Study of active sites on heterogeneous catalysis using High field NMR spectroscopy	Chemistry	2	14
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL	The National Natural Science Foundation of China	Other	U1932218					
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Qiang Wang (T)	C	Wuhan Institute of Physics & Mathematics, Chinese Academy of Sciences	Wuhan NMR center								
Leonard Mueller (S)	PI	University of California, Riverside	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM137008	P19571	DNP-Enabled Solid-State NMR of PLP Enzymes: Tyrosine Phenol Lyase	Chemistry	5	27

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Maria Luiza Caldas Nogueira (P)	C	University of Florida	Biochemistry and Molecular Biology	NSF	CHE - Chemistry	CHE1710671					
Rittik Ghosh (G)	C	University of California, Riverside	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM097569					
Joanna Long (S)	C	University of Florida	Biochemistry & Molecular Biology	NIH	NIGMS - National Institute of General Medical Sciences	GM122698					
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	NMR Division								
Lauren Schaffer (U)	C	Oberlin College	Chemistry								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
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	1	13.5
Shiva Agarwal (G)	C	Western Michigan University	Physics								
Sonjong Hwang (S)	C	California Institute of Technology	Chemistry and Chemical Engineering								
Gellert Mezei (S)	C	Western Michigan University	Chemistry								
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					
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								
Isabelle Marcotte (S)	PI	University of Quebec at Montreal	Chemistry	German Research Foundation	Non US Foundation	MA 4147/7-2					
Alexander Baer (P)	C	University of Kassel	Zoology								
Matthew Harrington (S)	C	McGill University	Department of chemistry								
Georg Mayer (S)	C	University of Kassel	Zoology								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	NMR Division								
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					
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								
Ercan Cakmak (S)	PI *	Oak Ridge National Laboratory	Materials Science and Technology	DOE	Other	N/A	P19640	Solid State C13 NMR Measurements of Industrially Relevant Coals to Aid in the Development of Advanced Coal Molecular Models with Predictive Capabilities	Chemistry	7	84
Stephan Irlle (S)	C	Oak Ridge National Laboratory	Computational Sciences and Engineering Division	DOE	Other	N/A FEAA155					
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								
Bo Chen (S)	PI	University of Central Florida	Department of Physics	NSF	MCB - Molecular and Cellular Biosciences	MCB1856055	P19664			2	14

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Rosalynn Quiñones (S)	C	Marshall University	Chemistry					by Multinuclear High Field Solid-State NMR			
Robert Schurko (S)	C	Florida State University	Chemistry								
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	4	36
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR	NIH	NIGMS - National Institute of General Medical Sciences	GM126527					
Mary Rooney (G)	C	College of William and Mary	Applied Science								
Eric Breynaert (S)	PI *	University of Leuven	M2S	FWO Vlaanderen	Non US Foundation	V401721N	P19796	NMR for Convergence Research with focus on Nanoporous materials	Chemistry	3	7
Adam Altenhof (G)	C	Florida State University	Chemistry and Biochemistry	FWO Vlaanderen	Non US Foundation	G083318N		Molecular Water Science, Energy and Food and Health Science			
Clifford Bowers (S)	C	University of Florida	Chemistry								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Robert Schurko (S)	C	Florida State University	Chemistry								
Xiaodan Gu (S)	PI *	University of Southern Mississippi	Polymer Science and Engineering	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0022050	P19855	Illuminating the Rigid Amorphous Fraction of Conjugated Polymers and its Pivotal Influence on Optoelectronic Behavior	Magnets, Materials	1	5
Adam Altenhof (G)	C	Florida State University	Chemistry and Biochemistry								
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	3	13
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	1	3
William Brey (S)	C	National High Magnetic Field Laboratory	NMR								
Ilya Litvak (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Waroch Tangbampensouthern (G)	C	Pennsylvania State University	Electrical Engineering								
								Total Proposals:			
								66	Experiments:		
									490	Days:	
										3,091.00	

6. PFF FACILITY

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Masashi Miura (S)	PI	Seikei University	Graduate School of Science and Technology	DOE	Office of Science - BES - Basic Energy Sciences	LANLE8L5	P16306	V-I curves in pulsed fields to study vortex matter	Condensed Matter Physics	1	10
Maxime Leroux (S)	C	French National Center for Scientific Research	LNCMI								
Boris Maiorov (S)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Ivan Nekrashevich (P)	C	CMMS	MPA								
Jens Haenisch (S)	PI	Karlsruhe Institute of Technology	Institute for Technicla Physics	UCGP			P17518	Anisotropic electrical transport in pinning-enhanced Fe-based and HTS superconducting thin films	Condensed Matter Physics	1	10
Pablo Cayado (P)	C	karlsruhe institute of technology	Institute for Technical Physics (ITEP)								
Kazumasa Iida (S)	C	Nagoya University	Dep. of Materials Physics, Graduate School of Engineering								
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS								
Mayraluna Lao (P)	C	Karlsruhe Institute of Technology	Institute of Technical Physics								
Sven Meyer (G)	C	Karlsruhe Institute of Technology	Institute for Technical Physics								
Chiara Tarantini (S)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center								
Priscila Ferrari Silveira Rosa (P)	PI	Los Alamos National Laboratory	MPA-CMMS	DOE	Office of Science - BES - Basic Energy Sciences	F101	P17682	Pulsed field measurements on topological semi-metals	Condensed Matter Physics	2	15
Eric Bauer (S)	C	Los Alamos National Laboratory	MST-10	DOE	Office of Science - BES - Basic Energy Sciences	F101, XWVM					
Mun Chan (S)	C	National High Magnetic Field Laboratory	Pulsed field Facility								
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Satya Kushwaha (P)	C	Los Alamos National Laboratory	MPA-MAG								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Takao Ebihara (S)	PI	Shizuoka University	Physics	Japan society for the promotion of science	Non US Foundation	under applying	P17751	Quantum oscillation in heavy fermion system at high magnetic fields	Condensed Matter Physics	1	3
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								
Neil Harrison (S)	PI	National High Magnetic Field Laboratory	Physics	Los Alamos Seaborg Institute	US Government Lab		P17768	Electronic Structure and Equation of State of Plutonium	Condensed Matter Physics	1	5
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Paul Tobash (P)	C	National High Magnetic Field Laboratory	MPA-cmms								
Mark Wartenbe (P)	C	Los Alamos National Laboratory	MST-16								
Laurel Winter (S)	C	National High Magnetic Field Laboratory	Physics								
Jiun-Haw Chu (S)	PI *	University of Washington	Physics	NSF	DMR - Division of Materials Research	DMR1719797	P17782	Tunable three-dimensional Dirac Fermions in high magnetic field	Condensed Matter Physics	3	15
Qianni Jiang (G)	C	University of Washington	Physics	DOE	Office of Science - ASCR - Advanced Scientific Computing Research	DE-SC0019443					
Zhaoyu Liu (P)	C	University of Washington	Department of Physics	DOE	Office of Science - EFRC - Energy Frontier Research Centers	635930					
Paul Malinowski (G)	C	University of Washington	Physics	Gordon and Betty Moore Foundation	US Foundation	GBMF6759					
Joshua Mutch (G)	C	University of Washington	Physics								
Arkady Shehter (S)	C	Los Alamos National Laboratory	LANL MPA-MAGLAB								
Qi Li (S)	PI	Pennsylvania State University	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-FG02-08ER46531	P17849	Shubnikov de Haas oscillation of two	Condensed Matter Physics	1	9

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Ahmad Ikhwan Us Saleheen (P)	C	Louisiana State University	Physics and Astronomy								
Neil Harrison (S)	PI	National High Magnetic Field Laboratory	Physics	DOE	LDRD - Laboratory Directed R&D	DE-RE20-18ER20180	P19137	Science of High Magnetic Fields	Biology, Biochemistry, Biophysics	4	35
Ryan Baumbach (S)	C	National High Magnetic Field Laboratory	CMS	DOE	Office of Science - BES - Basic Energy Sciences	LANLF101					
Scott Crooker (S)	C	National High Magnetic Field Laboratory	Nat High Magnetic Field Lab	DOE	Office of Science - BES - Basic Energy Sciences	F101					
Priscila Ferrari Silveira Rosa (P)	C	Los Alamos National Laboratory	MPA-CMMS	DOE	LDRD - Laboratory Directed R&D	DE-XW50-0_____					
Daniel Jackson (P)	C	National High Magnetic Field Laboratory	MPA/MAG	DOE	Office of Science - BES - Basic Energy Sciences	LANLF100					
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								
Satya Kushwaha (P)	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 (HZDR)	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								
Hsinhan Tsai (P)	PI	Los Alamos National Laboratory	MPA-11	DOE	LDRD - Laboratory Directed R&D	DE-AA00-00AA00000	P19141	New 2D perovskites for high temperature multiferroics	Magnets, Materials	2	9
Minseong Lee (P)	C	Los Alamos National Laboratory	MPA-MAG	DOE	Office of Science - BES - Basic Energy Sciences		0				
Wanyi Nie (S)	C	Los Alamos National Laboratory	MPA-11								
Magdalena Owczarek (P)	C	Los Alamos National Laboratory	CINT								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Krzysztof Gofryk (S)	PI	Idaho National Laboratory	Fuel Performance & Design	DOE	LDRD - Laboratory Directed R&D	DE-AC07-05ID14517	P19145	Transport and magnetic properties of selected d- and f-electron topological materials in high magnetic fields	Condensed Matter Physics	1	5
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Narayan Poudel (P)	C	Idaho National Laboratory	Nuclear Materials								
Vivien Zapf (S)	PI	National High Magnetic Field Laboratory	Physics	DOE	Office of Science - BES - Basic Energy Sciences	Quantum Science Center	P19182	Magnetic field-induced spin liquids and quantum phase transitions in Kitaev materials	Condensed Matter Physics	2	8
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics	DOE	Office of Science - BES - Basic Energy Sciences		0				
Minseong Lee (P)	C	Los Alamos National Laboratory	MPA-MAG								
David Mandrus (S)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
Rico Schoenemann (P)	C	Los Alamos National Laboratory	MPA-MAG								
Jamie Manson (S)	PI	Eastern Washington University	Chemistry and Biochemistry	NSF	DMR - Division of Materials Research	DMR1703003	P19233	New topologies in Ni(II) quantum magnets with XY anisotropy	Condensed Matter Physics	2	6
Paul Goddard (S)	C	University of Warwick	Department of Physics								
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
Guoxin Zheng (G)	C	University of Michigan	Department of Physics								
Rico Schoenemann (P)	PI	Los Alamos National Laboratory	MPA-MAG	UCGP			P19530	Magnetoelastic and magnetocaloric properties of a topological superconductor candidate	Condensed Matter Physics	1	10
Priscila Ferrari Silveira Rosa (P)	C	Los Alamos National Laboratory	MPA-CMMS								
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								
Sean Thomas (T)	C	Los Alamos National Laboratory	CMMS								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	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	1	5
Geetha Balakrishnan (S)	C	University of Warwick	Physics								
Paul Goddard (S)	C	University of Warwick	Department of Physics								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Mun Chan (S)	PI	National High Magnetic Field Laboratory	Pulsed field Facility	DOE	LDRD - Laboratory Directed R&D	DE-XX00-00_____	P19534	Unconventional superconductivity in nickelates and cuprates	Condensed Matter Physics	2	10
Rubi Km (P)	C	Los Alamos National Laboratory	MPA-MAGLAB	DOE	LDRD - Laboratory Directed R&D	DE-ER21-20AA22222					
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								
Magdalena Owczarek (P)	PI *	Los Alamos National Laboratory	CINT	DOE	LDRD - Laboratory Directed R&D	DE-AA00-00AA00000	P19535	Investigation of magnetic field-induced spin crossover transition in Fe(II) coordination complex	Condensed Matter Physics	1	10
Minseong Lee (P)	C	Los Alamos National Laboratory	MPA-MAG								
Wanyi Nie (S)	C	Los Alamos National Laboratory	MPA-11								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Huibo Cao (S)	PI *	Oak Ridge National Laboratory	Neutron scattering	DOE	Office of Science - ECRP - Early Career Research Program	KC0402010	P19536	Magnetic plateaux in a triangular-lattice magnet	Condensed Matter Physics	2	9
Lei Ding (P)	C	Oak Ridge National Laboratory	Neutron scattering division								
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								
Minseong Lee (P)	C	Los Alamos National Laboratory	MPA-MAG								
Rico Schoenemann (P)	C	Los Alamos National Laboratory	MPA-MAG								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Kathrin Goetze (P)	PI *	Deutsches Elektronen-Synchrotron DESY	FS-US	European Research Council Consolidator Grant	Non US Council	681260	P19537	Fermi surface investigations on pyrochlore iridates using delayed current application across an insulator-metal transition in pulsed magnetic fields	Condensed Matter Physics	1	10
Andrew Boothroyd (S)	C	University of Oxford	Physics								
Paul Goddard (S)	C	University of Warwick	Department of Physics								
Dharmalingam Prabhakaran (S)	C	University of Oxford	Physics								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
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	3	25
Aravind Devarakonda (P)	C	Columbia University	Physics	NSF	DMR - Division of Materials Research	DMR1554891					
Minyong Han (G)	C	Massachusetts Institute of Technology	Physics								
Caolan John (G)	C	Massachusetts Institute of Technology	Physics								

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Paul Neves (G)	C	Massachusetts Institute of Technology	Physics								
Joshua Wakefield (G)	C	Massachusetts Institute of Technology	Physics								
Junbo Zhu (G)	C	Massachusetts Institute of Technology	Physics								
Zhiqiang Mao (S)	PI	Pennsylvania State University	Department of Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0019068	P19544	Studies of exotic quantum phenomena near the quantum limit in Dirac semimetals AMnSb2 (A=Sr, Ba and Yb)	Condensed Matter Physics	1	6
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics	DOE	Office of Science - BES - Basic Energy Sciences	DE-SC0014208					
Lujin Min (G)	C	Pennsylvania State University	Department of Physics	DOE	EPSCoR - Established Program to Stimulate Competitive Research	DE-SC0012432					
Johanna Palmstrom (P)	C	Los Alamos National Laboratory (LANL)	MPA-MAG	LANL	US Government Lab	20200680PRD1					
Priscila Ferrari Silveira Rosa (P)	PI	Los Alamos National Laboratory	MPA-CMMS	DOE	Other	20210064DR	P19549	High field exploration of topological superconductivity in actinide compounds	Condensed Matter Physics	1	9
You Lai (P)	C	National High Magnetic Field Laboratory	Physics								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Philip Moll (S)	C	Ecole Polytechnique Federale de Lausanne	Institute of Materials								
Valentin Taufour (S)	PI *	University of California, Davis	Physics Department	University of California, Davis	US College and University		P19616	High Magnetic Field Studies of Co-based Materials	Condensed Matter Physics	1	10
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Audrey Grockowiak (S)	C	National High Magnetic Field Laboratory	DC Field/CMS								
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Yunshu Shi (G)	C	University of California, Davis	Department of Physics and Astronomy								
Cui-Zu Chang (S)	PI *	Pennsylvania State University	Physics								
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	Office of Science - BES - Basic Energy Sciences	E1FR	P19631	Magnetically frustrated f-electron intermetallics	Condensed Matter Physics	2	10
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	00-000000000	P19634	In search of quantum spin liquid states in 5f compounds	Condensed Matter Physics	2	15
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								

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James Wampler (P)	PI *	Los Alamos National Laboratory	MPA-MAG	DOE	Office of Science - EFRC - Energy Frontier Research Centers	DE-SC0019330	P19635	Investigation of the field-driven Spin Crossover Transition in a tautomeric Co complex	Condensed Matter Physics	2	10
Minseong Lee (P)	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								
Rongying Jin (S)	PI *	University of South Carolina	Department of Physics and Astronomy	NSF	DMR - Division of Materials Research	DMR1504226	P19637	Search for field-induced new quantum phenomena in EuZn2As2, TaSe3, PtBi2-x, and IrSn4	Condensed Matter Physics	1	10
Joanna Blawat (G)	C	University of South Carolina	Physics and Astronomy								
Roshan Nepal (P)	C	Louisiana State University	Physics and Astronomy								
Johanna Palmstrom (P)	C	Los Alamos National Laboratory (LANL)	MPA-MAG								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Smita Speer (G)	C	Louisiana State University	Physics & Astronomy								
Nitin Samarth (S)	PI *	Pennsylvania State University	Physics	NSF	DMR - Division of Materials Research	DMR1539916	P19651	High magnetic field measurements of superconductivity in high Tc FeSe films	Condensed Matter Physics	1	10
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								
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
Sylvia Lewin (P)	C	University of Maryland, College Park	Physics								
Laurel Winter (S)	C	National High Magnetic Field Laboratory	Physics								
Emilia Morosan (S)	PI	Rice University	Physics and Astronomy	NSF	DMR - Division of Materials Research	DMR1903741	P19747	Determining the Berry phase in BaGa2 and SrGa2 single crystals using high magnetic fields	Condensed Matter Physics	1	5
Total Proposals:									Experiments:	Days:	
43									69	457	