2024 MagLab User Proposals

2024 AMRIS NSF Funded

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Sandra Loesgen (S)	**PI**	**University of Florida**	**Chemistry**	NSF	IOS - Integrative Organismal Systems	IOS2124120	P19658	Structural characterization of novel microbial metabolites and their biological activity	Chemistry	1	25.5
Grace Dyer (G)	C	University of Florida	Whitney Laboratory for Marine Bioscience	NSF	IOS - Integrative Organismal Systems	IOS2314456					
Sajan Green (G)	C	University of Florida	Whitney Laboratory for Marine Bioscience								
Joseph Mangun (G)	C	University of Florida	Whitney Laboratory for Marine Bioscience								
Erin Marshall (G)	C	University of Florida	Whitney Lab								
Federica Montesanto (P)	C	University of Florida	Whitney Lab								
Bastien Petit (P)	C	University of Florida	Whitney Lab								
James Rocca (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Bill Baker (S)	**PI**	**University of South Florida**	**Chemistry**	NSF	OPP - Office of Polar Programs	OPP2341344	P19767	Natural Product Drug Discovery for Infectious Diseases and the need for High-Sensitivity NMR Equipment	Biology, Biochemistry, Biophysics	1	3
Sam Afoullouss (P)	C	University of South Florida	USF Chemistry								
Ezequiel Cruz Rosa (G)	C	University of South Florida	Chemistry								
Stine Sofie Olsen (G)	C	University of South Florida	USF Chemistry								
Nathaniel Schmidt (G)	C	University of South Florida	Chemistry								
Benjamin Smith (G)	C	University of South Florida	Chemistry								
Jennifer Williams (G)	C	University of South Florida	USF Chemistry								
Libin Ye (S)	**PI**	**University of South Florida**	**Cell Biology, Microbiology and Molecular Biology**	No other support			P19783	Conformational transition, dynamics, and signaling transductions of GPCRs	Biology, Biochemistry, Biophysics	1	11
German De Armas Guitart (T)	C	University of South Florida	Molecular Biosciences								
Malissa Fento (P)	C	University of South Florida	Molecular Biosciences								
Nathaniel Hays (S)	C	University of South Florida	Molecular Biosciences								
Aidan McFarland (S)	C	University of South Florida	Molecular Biosciences								
Wenkai Sun (S)	C	University of South Florida	Molecular Biosciences								
Xudong Wang (S)	C	University of South Florida	Molecular Biosciences								
Michael Harris (S)	**PI**	**University of Florida**	**Chemistry**	NIH	NIGMS - National Institute of General Medical Sciences	GM127100	P19877	ML-HARRIS-002: NMR Spectroscopic Characterization of Protein-Polymer Conjugates in Aqueous Solutions	Biology, Biochemistry, Biophysics	1	8
Coray Colina (S)	C	University of Florida	Chemistry	NSF	DMR - Division of Materials Research	DMR2339330					
Sreyashi Das (G)	C	University of Florida	Chemistry								
Matthew Eddy (S)	C	University of Florida	Chemistry								
Guillaume Ferre' (S)	C	Paul Sabatier University, Toulouse	Institut de Pharmacologie et Biologie Structurale								
Emma Mulry (G)	C	University of Florida	Chemistry								
Brent Sumerlin (S)	C	University of Florida	Chemistry								
Rachel Martin (S)	**PI**	**University of California, Irvine**	**Chemistry**	NSF	DMR - Division of Materials Research	DMR2003837	P19974	ML-MARTIN-001: Characterizing the dynamics of deamidation variants of human gamma-S crystallin to elucidate aggregation mechanisms	Biology, Biochemistry, Biophysics	1	35.17
Maria Luiza Caldas Nogueira (S)	C	University of Florida	AMRIS	NIH	NEI - National Eye Institute	EY035792					
Matthew Jimenez (G)	C	University of California, Irvine	Chemistry								
Anil Mehta (S)	C	University of Florida	AMRIS								
Mina Mozafari (P)	C	University of California, Irvine	Chemistry								
Megan Rocha (G)	C	University of California, Irvine	Chemistry								
Collin Sroge (G)	C	University of California, Irvine	Molecular Biology and Biochemistry								
Jaewon Suk (G)	C	University of California, Irvine	Chemistry								
Daniel R. Talham (S)	**PI**	**University of Florida**	**Chemistry**	University of Florida	US College and University	UFRF Research Support 00085603	P20026	Self-Assembled Polymer Nanostructures as paraCEST MRI Contrast Agents	Chemistry	1	10
Diba Allameh Zadeh (G)	C	University of Florida	Chemistry								
Camille Green (U)	C	University of Florida	Chemistry								
Brent Sumerlin (S)	C	University of Florida	Chemistry								
Johnny Figueroa (S)	**PI**	**Loma Linda University**	**Center for Health Disparities and Molecular Medicine**	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK124727	P20078	Neuroanatomic Abnormalities In Stress-Induced Obesity	Biology, Biochemistry, Biophysics	1	2.33
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology								
Ike de la Pena (S)	C	Loma Linda University	Pharmaceutical & Administrative Sciences								
Marcelo Febo (S)	C	University of Florida	Psychiatry								
Amandine Jullienne (P)	C	University of California, Irvine	Pediatrics, Anatomy & Neurobiology								
Brenda Patricia Noarbe (T)	C	University of California, Irvine	Pediatrics								
Andre Obenaus (S)	C	University of California, Irvine	Pediatrics								
Fransua Sharafeddin (G)	C	Loma Linda University	Basic Sciences, Physiology								
Julio Sierra (G)	C	Loma Linda University	Basic Sciences, Neuroscience								
Timothy Simon (U)	C	Loma Linda University	Neuroscience								
Malisa Sarntinoranont (S)	**PI**	**University of Florida**	**unknown**	NIH	NCI - National Cancer Institute	CA012185	P20171	Multi-modal approach to probe tumor-induced perivascular space disruption	Biology, Biochemistry, Biophysics	1	13.33
Thomas Mareci (S)	C	University of Florida	Biochemistry and Molecular Biology								
Jennifer Munson (S)	C	Virginia Polytechnic Institute and State University	Biomedical Engineering and Mechanics								
Isabel Rivera Santiago (G)	C	University of Florida	Mechanical Engineering								
Thomas Mareci (S)	**PI**	**University of Florida**	**Biochemistry and Molecular Biology**	No other support			P20193	Cryocooled X-nucleus Coil	Biology, Biochemistry, Biophysics	1	5
Warren Boschen (U)	C	University of Florida	Physics								
William Brey (S)	C	National High Magnetic Field Laboratory	NMR								
Greg Dowling (O)	C	University of Florida	AMRIS Facility								
Massimo Graves (U)	C	University of Florida	UF Department of Neuroscience								
Matthew Merritt (S)	C	University of Florida	Biochemistry and Molecular Biology								
Jeremy Thomas (P)	C	University of Florida	Biochemistry and Molecular Biology								
Elizabeth Vo (G)	C	Malcom Randall VA Medical Center	Biomedical								
Huadong Zeng (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff								

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Dionisios Vlachos (S)	**PI**	**University of Delaware**	**Chemical and Biomolecular Engineering**	Center for Plastics Innovation, an Energy Frontier Research Center funded by the US Dept. of Energy, Office of Science, Office of Basic Energy Sciences	US Ministry	DE-SC0021166	P20204	Diffusion of long-chain alkanes as model molecules for polyethylene diffusion through mesoporous aluminosilicates	Engineering	1	2
Sean Najmi (P)	C	University of Delaware	Chemical Engineering								
Christine Oberhausen (G)	C	University of Delaware	Chemical and Biomolecular Engineering								
Esun Selvam (G)	C	University of Delaware	Chemical and Biomolecular Engineering								
Ryan Lively (S)	**PI**	**Georgia Institute of Technology**	**School of Chemical & Biomolecular Engineering,**	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2135662	P20207	Quantifying Microscopic Liquid Diffusion inside Carbon Molecular Sieve Membranes	Engineering	1	38.5
Rebecca Bivins (G)	C	Georgia Institute of Technology	Chemical and Biomolecular Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2135766					
Sree Laxmi (G)	C	University of Florida	Chemical Engineering Department								
Joshua Moon (S)	C	University of Florida	Department of Chemical Engineering								
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering								
Young Hee Yoon (G)	C	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering								
Zachary Smith (S)	**PI**	**Massachusetts Institute of Technology**	**Chemical Engineering**	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2034734	P20299	Microscopic Gas Diffusion inside Hybrid Membranes Formed by Dispersing Metal–Organic Framework of the Type UiO-66-NH2 in Polymers	Biology, Biochemistry, Biophysics	1	19.5
Omar Boloki (G)	C	University of Florida	Chemical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2034742					
Stephen DeWitt (P)	C	Massachusetts Institute of Technology	Chemical Engineering								
Eric Hahnert (G)	C	Massachusetts Institute of Technology	Chemical Engineering								
Philippe Jean-Baptiste (G)	C	Massachusetts Institute of Technology	Chemical Engineering								
Samuel Kaser (G)	C	Massachusetts Institute of Technology	Chemical Engineering								
Sree Laxmi (G)	C	University of Florida	Chemical Engineering Department								
Justin Teesdale (P)	C	Massachusetts Institute of Technology	Chemical Engineering								
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering								
Jeannine Brady (S)	**PI**	**University of Florida**	**Oral Biology**	NIH	NIDCR - National Institute of Dental and Craniofacial Research	DE021789	P20327	ML-BRADY-003: AMRIS components of NMR Facility's P20106	Biology, Biochemistry, Biophysics	1	57.17
Maria Luiza Caldas Nogueira (S)	C	University of Florida	AMRIS								
Joanna Long (S)	C	University of Florida	Biochemistry & Molecular Biology								
Chase Norton (T)	C	University of Florida	UF Biochemistry								
Qingqing (Emily) Peng (G)	C	University of Florida	Department of Biochemistry and Molecular Biology								
Jehangir Bhadha (S)	**PI**	**Everglades Research and Education Center at UF**	**Soil, Water, and Ecosystem Sciences**	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2019435	P20339	Unlocking legacy phosphorus from soils and sediments to meet agricultural demand and a healthy environment.	Biology, Biochemistry, Biophysics	1	4.5
A. Caroline Buchanan (G)	C	University of Florida	Ag - Soil and Water Science								
Jonathan Judy (S)	C	University of Florida	Soil and Water Sciences								
MD Anik Mahmud (G)	C	University of Florida	Soil, Water, and Ecosystem Sciences								
Joanna Long (S)	**PI**	**University of Florida**	**Biochemistry & Molecular Biology**	No other support			P20343	MAINTENANCE: Routine maintenance of existing AMRIS Facility equipment (formerly P09510, P17541, P19543)	Development of Magnet Technology	1	309.33
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology								
Greg Dowling (O)	C	University of Florida	AMRIS Facility								
Kelly Jenkins (T)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Anil Mehta (S)	C	University of Florida	AMRIS								
James Rocca (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Joshua Slade (T)	C	University of Florida	AMRIS								
Huadong Zeng (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Joanna Long (S)	**PI**	**University of Florida**	**Biochemistry & Molecular Biology**	No other support			P20345	MLDEV-Setup: training new users, workshops, updating cortab, prosol tables, or shim files (formerly P17542 and P19554)	Development of Magnet Technology	1	87.83
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology								
Greg Dowling (O)	C	University of Florida	AMRIS Facility								
Anil Mehta (S)	C	University of Florida	AMRIS								
James Rocca (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Huadong Zeng (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Joanna Long (S)	**PI**	**University of Florida**	**Biochemistry & Molecular Biology**	No other support			P20346	MLDEV-Method: setting up new protocols or pulse sequences; preliminary characterization of samples for feasibility	Development of Magnet Technology	1	56.17
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology								
Anil Mehta (S)	C	University of Florida	AMRIS								
Matthew Merritt (S)	C	University of Florida	Biochemistry and Molecular Biology								
James Rocca (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Huadong Zeng (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Joanna Long (S)	**PI**	**University of Florida**	**Biochemistry & Molecular Biology**	No other support			P20347	MLDEV-Repair: work on magnets, replacing broken amplifiers, troubleshooting consoles, tracking down the source of a problem	Development of Magnet Technology	1	69.17
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology								
Greg Dowling (O)	C	University of Florida	AMRIS Facility								
Kelly Jenkins (T)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Anil Mehta (S)	C	University of Florida	AMRIS								
James Rocca (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Joshua Slade (T)	C	University of Florida	AMRIS								
Huadong Zeng (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Joanna Long (S)	**PI**	**University of Florida**	**Biochemistry & Molecular Biology**	No other support			P20348	MLDEV-Hardware: installation, calibration, and testing of new probes, consoles, amplifiers, gradients	Development of Magnet Technology	1	95.5
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology								
Greg Dowling (O)	C	University of Florida	AMRIS Facility								
Kelly Jenkins (T)	C	University of Florida	AMRIS Affiliated Faculty & Staff								
Anil Mehta (S)	C	University of Florida	AMRIS								
Matthew Merritt (S)	C	University of Florida	Biochemistry and Molecular Biology								
James Rocca (S)	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								

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Jason Bara (S)	**PI**	*	**University of Alabama, Tuscaloosa**	**Department of Chemical and Biological Engineering**	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2312001	P20361	Quantification of Microscopic Gas Diffusion in Doubly-Segmented (DS) Ionene Membranes by PFG NMR	Engineering	1	44.5
Mousumi Bepari (G)	C		University of Alabama, Tuscaloosa	Chemical Engineering								
Katie O'Harra (S)	C		University of Alabama, Tuscaloosa	Department of Chemical and Biological Engineering								
Sandhiya Thiagarajan (P)	C		University of Alabama, Tuscaloosa	Chemical Engineering								
Alain Tundidor Camba (S)	C		University of Alabama, Tuscaloosa	Chemical Engineering								
Sergey Vasenkov (S)	C		University of Florida	Chemical Engineering								
John Jones (S)	**PI**		**Center for Neurosciences and Cell Biology**	**Metabolic Control Lab**	Pfizer Global Medical Grants "Pentose phosphate pathway and serine oxidation fluxes in NAFLD and NASH"		77183119	P20421	High-sensitivity 13C NMR isotopomer analysis of human liver metabolite enrichment from [U-13C]glucose via a novel chemical biopsy agent: application to metabolic flux profiling of NAFLD and NASH patients	Biology, Biochemistry, Biophysics	1	6.5
Matthew Merritt (S)	C		University of Florida	Biochemistry and Molecular Biology	European Commission Horizon Program "PASGRAS - de-risking metabolic, environmental and behavioural determinants of obesity in children, adolescents and young adults"	Non US Council	HORIZON-HLTH-2022-STAYHLTH-01-101080329-2					
					Portuguese Foundation of Science and Technology "Measuring hepatic polyol pathway activity and connecting it with lipogenic glucose metabolism in Type 2 Diabetes patients."	Other Non US Federal Agency	2023.11517.PEX					
Zhongwu Guo (S)	**PI**		**University of Florida**	**Chemistry**	NIH	NIA - National Institute on Aging	AG083902	P20426	2H and 31P NMR characterization of Novel Glycolipid Analogs	Chemistry	1	4
Gail Fanucci (S)	C		University of Florida	Chemistry								
Sayan Kundu (G)	C		University of Florida	Chemistry								
Venkanna Mullapudi (P)	C		University of Florida	UF Chemistry								
Rajendra Rohokale (P)	C		University of Florida	UF Chemistry								
Carson Ingo (S)	**PI**	*	**Northwestern University**	**Department of Neurology, Department of Physical Therapy & Human Movement Sciences**	No other support			P20436	Investigation of the power-law inflection point diffusion properties in gray and white matter using generalized exponential imaging with a 750 MHz imaging spectrometer	Biology, Biochemistry, Biophysics	1	9.5
Thomas Barrick (S)	C		St George's University of London	Department of Neurosciences								
Ayush Batra (S)	C		Northwestern University Feinberg School of Medicine	Neurology								
Matt Hall (S)	C		National Physical Laboratory, Teddington	Medical, Marine, and Nuclear								
Thomas Mareci (S)	C		University of Florida	Biochemistry and Molecular Biology								
Tracy Centanni (S)	**PI**		**University of Florida**	**Speech, Language, and Hearing Sciences**	NIH	NICHD - Eunice Kennedy Shriver National Institute of Child Health and Human Development	HD103479	P20455	Effect of genetic knockout on neural plasticity in a rat model	Biology, Biochemistry, Biophysics	1	42.17
Brenton Cooper (S)	C		Texas Christian University	Psychology								
Zachary Smith (S)	**PI**		**Massachusetts Institute of Technology**	**Chemical Engineering**	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2034734	P20583	Quantifying Dependence of Gas Diffusivity on Concentration of Metal–Organic Framework Particles inside Polymer-Based Membranes for Gas Separations	Engineering	1	11
Omar Boloki (G)	C		University of Florida	Chemical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2034742					
Stephen DeWitt (P)	C		Massachusetts Institute of Technology	Chemical Engineering								
Eric Hahnert (G)	C		Massachusetts Institute of Technology	Chemical Engineering								
Philippe Jean-Baptiste (G)	C		Massachusetts Institute of Technology	Chemical Engineering								
Samuel Kaser (G)	C		Massachusetts Institute of Technology	Chemical Engineering								
Sree Laxmi (G)	C		University of Florida	Chemical Engineering Department								
Justin Teesdale (P)	C		Massachusetts Institute of Technology	Chemical Engineering								
Sergey Vasenkov (S)	C		University of Florida	Chemical Engineering								
Bill Baker (S)	**PI**		**University of South Florida**	**Chemistry**	NSF	OPP - Office of Polar Programs	OPP2142914	P20766	Natural Product Drug Discovery from Museum Specimens and Palmerolide Biosynthesis	Chemistry	1	5.5
Sam Afoullouss (P)	C		University of South Florida	USF Chemistry								
Ezequiel Cruz Rosa (G)	C		University of South Florida	Chemistry								
Stine Sofie Olsen (G)	C		University of South Florida	USF Chemistry								
Nathaniel Schmidt (G)	C		University of South Florida	Chemistry								
Benjamin Smith (G)	C		University of South Florida	Chemistry								
Jennifer Williams (G)	C		University of South Florida	USF Chemistry								
Benjamin Wylie (S)	**PI**		**Texas Tech University Department of Chemistry and Biochemistry**	**Chemistry and Biochemistry**	No other support			P20789	Determining the dynamic structure of the human Kir2.1 channel in the presence of activating and inhibiting lipids	Biology, Biochemistry, Biophysics	1	6.83
Sara Bannister (G)	C		Texas Tech University	Chemistry & Biochemistry								
Maria Luiza Caldas Nogueira (S)	C		University of Florida	AMRIS								
Joanna Long (S)	C		University of Florida	Biochemistry & Molecular Biology								
Oziomachi Onogu (G)	C		Texas Tech University	Chemistry & Biochemistry								
									Total Proposals: 27		**Experiments: 27**	**Days: 983**

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Zahid Hasan (S)	**PI**	**Princeton University**	**Physics**	Gordon and Betty Moore Foundation	US Foundation	GBMF4547	P19566	Magnetotransport studies of topological magnets under hydrostatic pressure	Condensed Matter Physics	1	4.82
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Md Shafayat Hossain (P)	C	Princeton University	Physics								
David Mandrus (S)	**PI**	**University of Tennessee, Knoxville**	**Materials Science and Engineering**	Gordon and Betty Moore Foundation	Other	GBMF9069	P19572	Topological Hall Effect in Kagome Lattice Materials	Condensed Matter Physics	1	4.15
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Shirin Mozaffari (P)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
Michael Shatruk (S)	**PI**	**National High Magnetic Field Laboratory**	**Department of Chemistry and Biochemistry**	NSF	CHE - Chemistry	CHE1955754	P19599	Investigation of Low-Dimensional Magnetism in Inorganic and Organic Materials	Development of Magnet Technology	1	28
Samuel Adegboyega (G)	C	Florida State University	Chemistry and Biochemistry								
Ian Campbell (G)	C	Florida State University	Chemistry and Biochemistry								
Miguel Gakiya (G)	C	Florida State University	Chemistry and Biochemistry								
Govind Sasi Kumar (G)	C	Florida State University	Chemistry and Biochemistry								
Tim Murphy (S)	**PI**	**National High Magnetic Field Laboratory**	**DC Field Facility**	No other support			P19611	Testing of DCFF magnets, power supplies and associated equipment	Condensed Matter Physics	3	21.02
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Troy Brumm (T)	C	National High Magnetic Field Laboratory	DC Field								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Elizabeth Green (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Glover Jones (T)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Robert Nowell (T)	C	National High Magnetic Field Laboratory	DC User Support								
Andy Powell (S)	C	National High Magnetic Field Laboratory	Operations								
Arneil Reyes (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Julia Smith (S)	C	National High Magnetic Field Laboratory	DC Field								
Eric Stiers (O)	C	National High Magnetic Field Laboratory	DC Field								
Sujana Sri Venkat Uppalapati (O)	C	National High Magnetic Field Laboratory	DC Field Facility								
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	26.35
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Chang Niu (G)	C	Purdue University	Electrical and Computer Engineering								
Pukun Tan (G)	C	Purdue University	Electrical Engineering								
Jun Zhu (S)	**PI**	**Pennsylvania State University**	**Physics**	DOE	Office of Science	DE-SC0022947	P19619	Valley Isospin-Driven Correlated Phenomena in Bilayer Graphene	Condensed Matter Physics	3	19.26
Chengqi Guo (G)	C	Pennsylvania State University	Physics	DOE	BES – Basic Energy Sciences	SC0022947					
Ke Huang (G)	C	Stanford University	Applied Physics								
Zachary Jernigan (G)	C	Pennsylvania State University	Physics								
Lu Li (S)	**PI**	**University of Michigan**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC0020184	P19627	Search for novel electronic, magnetic, and thermal properties in intense magnetic fields	Condensed Matter Physics	5	30.56
Aaron Chan (G)	C	University of Michigan	Department of Physics	NSF	DMR - Division of Materials Research	DMR2317618					
Kuan-Wen Chen (P)	C	University of Michigan	Physics								
Kaila Jenkins (G)	C	University of Michigan	Department of Physics								
David Mandrus (S)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
Yuji Matsuda (S)	C	Kyoto University	Physics								
Dmitri Mihaliov (G)	C	University of Michigan	Applied Physics								
Emilia Morosan (S)	C	Rice University	Physics and Astronomy								
Dechen Zhang (G)	C	University of Michigan	Department of Physics								
Guoxin Zheng (G)	C	University of Michigan	Department of Physics								
Yuan Zhu (G)	C	University of Michigan	Department of Physics								
Dragana Popovic (S)	**PI**	**National High Magnetic Field Laboratory**	**Condensed Matter Science / Experimental**	NSF	DMR - Division of Materials Research	DMR1707785	P19628	Electrical Transport Studies of Quasi-Two-Dimensional Strongly Correlated Materials	Condensed Matter Physics	3	18.21
Bernd Buechner (S)	C	Technical University of Dresden	Institute for Solid State Research	NSF	DMR - Division of Materials Research	DMR2104193					
Charuni Dissanayake (P)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Masaki Fujita (S)	C	Tohoku University IMR	Materials Property Division								
Jun Sik Lee (S)	C	SLAC National Accelerator Laboratory	XXX								
Bal Pokharel (G)	C	National High Magnetic Field Laboratory	Physics								
Takanori Taniguchi (S)	C	Tohoku University IMR	Materials Property Division								
Olesia Voloshyna (P)	C	Technical University of Dresden	Institute for Solid State Research								
Yuxin Wang (G)	C	Florida State University	CMS								
Xavier Roy (S)	**PI**	**Columbia University**	**Chemistry**	DOE	BES – Basic Energy Sciences	DE-SC0019443	P19632	Magnetic Order and Correlated Electronic Phenomena in Novel 2D van der Waals Materials	Chemistry	1	5.46
Fedor Balakirev (S)	C	National High Magnetic Field Laboratory	PFF								
Daniel Chica (P)	C	Columbia University	Chemistry								
Aravind Devarakonda (S)	C	Columbia University	Applied Physics and Applied Mathematics								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Sae Young Han (G)	C	Columbia University	Chemistry								
Christie Koay (G)	C	Columbia University	Chemistry								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Elena Meirzadeh (P)	C	Columbia University	Chemistry								
Yoonseo Nah (G)	C	Columbia University	Chemistry								
Victoria Posey (G)	C	Columbia University	Chemistry								
Xiaoyu Song (P)	C	Columbia University	Chemistry								
Evan Telford (G)	C	Columbia University	Physics								
Stanley Tozer (S)	C	National High Magnetic Field Laboratory	Physics								
Michael Ziebel (P)	C	Columbia University	Chemistry and Physics								
Yasu Takano (S)	**PI**	**University of Florida**	**Physics**	NSF	DMR - Division of Materials Research	DMR1944975	P19638	Calorimetric and magnetic studies of quantum spin liquid candidates	Condensed Matter Physics	2	14
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Yanbo Guo (G)	C	University of Florida	Physics								
Yasuyuki Nakajima (S)	C	University of Central Florida	Physics								

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Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
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	7
Jurek Krzystek (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Baldeep Sidhu (G)	C		University of Manitoba	Chemistry								
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	2	14
Adiat Fakolujo (G)	C		University of Tennessee, Knoxville	Chemistry								
Adam Hand (G)	C		University of Tennessee, Knoxville	Chemistry								
Michael Jenkins (G)	C		University of Tennessee, Knoxville	Chemistry								
Amanpreet Mahmi (G)	C		University of Tennessee, Knoxville	Chemistry								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Brandon Sanders (G)	C		University of Tennessee, Knoxville	Chemistry								
Dmitry Smirnov (S)	C		National High Magnetic Field Laboratory	Instrumentation & Operations								
Mykhaylo Ozerov (S)	**PI**		**National High Magnetic Field Laboratory**	**Condensed Matter Science, DC Field CMS**	No other support			P19696	Far-Infrared magneto-spectroscopy at DC-facility, NHMFL: New developments, tests and optimization of experimental protocols	Condensed Matter Physics	4	28
Dmitry Smirnov (S)	C		National High Magnetic Field Laboratory	Instrumentation & Operations								
Nicholas Butch (S)	**PI**		**National Institute of Standards and Technology MD**	**NIST Center for Neutron Research**	NSF	DMR - Division of Materials Research	DMR2105191	P19704	Studies of high-field states of UTe2	Condensed Matter Physics	2	14
Peter Czajka (P)	C		National Institute of Standards and Technology MD	NCNR	National Institute of Standards and Technology	US Government Lab						
Corey Frank (P)	C		National Institute of Standards and Technology MD	NCNR								
Audrey Grockowiak (S)	C		Leibniz Institute for Solid State and Materials Research Dresden	Thermodynamics Team								
Thomas Halloran (G)	C		National Institute of Standards and Technology MD	NIST Center for Neutron Research								
Sylvia Lewin (P)	C		University of Maryland, College Park	physics								
Gicela Saucedo Salas (G)	C		University of Maryland, College Park	Physics								
Stanley Tozer (S)	C		National High Magnetic Field Laboratory	Physics								
Jiun-Haw Chu (S)	**PI**		**University of Washington**	**Physics**	DOD	US Air Force	FA9550-21-1-0068	P19709	Probing Lifshitz transitions in Magnetic topological materials	Condensed Matter Physics	1	4.28
Jonathan DeStefano (G)	C		University of Washington	Physics								
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field / CMS								
Chaowei Hu (G)	C		University of California, Los Angeles	Department of Physics and Astronomy								
Qianni Jiang (P)	C		Stanford University	Applied Physics								
Paul Malinowski (G)	C		University of Washington	Physics								
Elliott Rosenberg (G)	C		Stanford University	Applied Physics								
Yue Shi (G)	C		University of Washington	MSE								
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	2	8.27
Arup Barua (G)	C		University of South Florida	Physics								
Chevy Boegel (G)	C		University of South Florida	Physics								
David Hilton (S)	C		University of Alabama, Birmingham	Physics								
Sean Knapp (G)	C		University of South Florida	Physics								
Adrienn Komlodi (G)	C		University of South Florida	Physics								
Atul Regmi (G)	C		University of Central Florida	Physics								
Nathanael Fortune (S)	**PI**		**Smith College**	**Department of Physics**	No other support			P19714	thermodynamic studies of novel quantum materials as a function of magnetic field strength and orientation	Condensed Matter Physics	1	3.27
Yanbo Guo (G)	C		University of Florida	Physics								
Scott Hannahs (S)	C		National High Magnetic Field Laboratory	Instrumentation								
Joyce Palmer-Fortune (S)	C		Smith College	Physics								
Yasu Takano (S)	C		University of Florida	Physics								
Jiaqiang Yan (S)	C		Oak Ridge National Laboratory	Materials Science and Technology Division								
Minhyea Lee (S)	**PI**		**University of Colorado, Boulder**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC0021377	P19717	Investigating thermal transport properties in strong spin-orbit coupled systems	Condensed Matter Physics	2	14
Gang Cao (S)	C		University of Colorado, Boulder	Department of Physics.								
Nirmal Ghimire (S)	C		George Mason University	Physics and Astronomy								
Elliot Roberts (G)	C		University of Colorado, Boulder	Physics								
Hope Whitelock (G)	C		University of Colorado, Boulder	Physics								
Jie Xing (P)	C		Oak Ridge National Laboratory	Neutron Scattering Division								
Suchitra Sebastian (S)	**PI**		**University of Cambridge**	**Physics**	University of Cambridge	Non US College and University		P19724	Quantum Oscillations in an Unconventional Insulator	Condensed Matter Physics	1	4.18
Emil Ares (U)	C		University of Cambridge	Department of Physics								
Oishee Banerjee (G)	C		University of Cambridge	Physics								
Alimamy Bangura (S)	C		National High Magnetic Field Laboratory	CMS								
Jessica Chapman (G)	C		University of Cambridge	Physics								
Hanyi Chen (G)	C		University of Cambridge	Physics quantum matter								
Jiasheng Chen (T)	C		University of Cambridge	Physics								
Thenmozhi Elango (G)	C		University of Cambridge	Physics								
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field / CMS								
Mengmeng Long (G)	C		University of Cambridge	Department of Physics								
Nicholas Popiel (G)	C		University of Cambridge	Physics								
Gilles Rodway-Gant (U)	C		University of Cambridge	Cavendish Laboratory								
Ken Heng Teoh (G)	C		University of Cambridge	Physics								

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Dmitry Smirnov (S)	**PI**	**National High Magnetic Field Laboratory**	**Instrumentation & Operations**	No other support				P19727	Testing new probes and techniques for high-field optical magnetospectroscopy	Condensed Matter Physics	4	42
Dmitry Semenov (T)	C	National High Magnetic Field Laboratory	DC Field									
Guangxin Ni (S)	**PI**	**National High Magnetic Field Laboratory**	**Physics**	DOE	BES – Basic Energy Sciences		100792	P19728	Study of higher-order topological quantum materials	Condensed Matter Physics	1	7
Naipeng Zhang (P)	C	National High Magnetic Field Laboratory	Physics									
Michael Shatruk (S)	**PI**	**National High Magnetic Field Laboratory**	**Department of Chemistry and Biochemistry**	NSF	DMR - Division of Materials Research	DMR2233901		P19737	Investigation of Magnetic Properties of Liquid-Exfoliated 2D Materials	Development of Magnet Technology	4	70
Samuel Adegboyega (G)	C	Florida State University	Chemistry and Biochemistry	NSF	DMR - Division of Materials Research	DMR2216125						
Ian Campbell (G)	C	Florida State University	Chemistry and Biochemistry									
Judith Clark (G)	C	Florida State University	Chemistry and Biochemistry									
Dibya Mondal (P)	C	Florida State University	Chemistry and Biochemistry									
Govind Sasi Kumar (G)	C	Florida State University	Chemistry and Biochemistry									
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	5	29.03
Brady Wilson (U)	C	Kennesaw State University	Physics	NSF	DMR - Division of Materials Research	DMR2213443						
Kaveh Ahadi (S)	**PI**	**Ohio State University**	**Materials Science and Engineering**	NSF	DMR - Division of Materials Research	DMR2327534		P19812	**Revealing hidden orders in a 2D superconductor**	**Condensed Matter Physics**	**1**	**3.32**
Chiara Tarantini (S)	**PI**	**National High Magnetic Field Laboratory**	**Applied Superconductivity Center**	DOE	HEP – High Energy Physics	DE-SC0012083		P19818	Characterization of Nb3Sn wires with improved high-field performance	Condensed Matter Physics	1	4.74
David Larbalestier (S)	C	National High Magnetic Field Laboratory	ASC									
Peter Lee (S)	C	Florida State University	Applied Superconductivity Center									
Manish Mandal (G)	C	Florida State University	NHMFL									
Brandon Sorbom (S)	**PI**	**Commonwealth Fusion Systems**	**Research & Development**	Commonwealth Fusion Systems				P19831	Angularly Resolved Critical Current Characterization of REBCO High Temperature Superconductors for High-Field Fusion Magnets	Development of Magnet Technology	2	11.58
Yingtai Chen (T)	C	Commonwealth Fusion Systems	R&D									
JL (Jie Lee-Ling) Cheng (S)	C	Commonwealth Fusion Systems	Research & Development									
Rui Diaz-Pacheco (S)	C	Commonwealth Fusion Systems	Research & Development									
Ashleigh Francis (S)	C	Commonwealth Fusion Systems	R&D									
Aliya Greenberg (S)	C	Commonwealth Fusion Systems	Research & Development									
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS									
JP Muncks (S)	C	Commonwealth Fusion Systems	Manufacturing									
Maise Shepard (S)	C	Commonwealth Fusion Systems	R&D									
Aixia Xu (O)	C	Florida State University	ASC									
Minseong Lee (S)	**PI**	**National High Magnetic Field Laboratory**	**MPA-MAG**	DOE	BES – Basic Energy Sciences		0	P19848	Kitaev spin liquid phase in a 3d transition metal oxides	Development of Magnet Technology	2	11.56
Craig Bridges (S)	C	Oak Ridge National Laboratory	Chemical Sciences	DOE	BES – Basic Energy Sciences		0					
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department									
Laura Greene (S)	C	National High Magnetic Field Laboratory	Management and Administration									
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics									
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics									
William Peria (P)	C	Los Alamos National Laboratory	MPA-MAGLAB									
Lucas Pressley (G)	C	Johns Hopkins University	Chemistry									
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics									
Shengzhi Zhang (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP									
Haidong Zhou (S)	C	University of Tennessee, Knoxville	Physics and Astronomy									
Scott Dietrich (S)	**PI**	**Villanova University**	**Physics**	NSF	DMR - Division of Materials Research	DMR1943389		P19917	Microwave spectroscopy of van der Waals heterostructures	Condensed Matter Physics	1	7
Lloyd Engel (S)	C	National High Magnetic Field Laboratory	CMS									
Alex Roubos (G)	C	Florida State University	Physics									
Minhyea Lee (S)	**PI**	**University of Colorado, Boulder**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC0021377		P19922	Investigation of the crystal electric field effects in rare earth magnets	Condensed Matter Physics	2	15
Bob Cava (S)	C	Princeton University	+									
Zhigang Jiang (S)	C	Georgia Institute of Technology	School of Physics									
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS									
Elliot Roberts (G)	C	University of Colorado, Boulder	Physics									
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations									
Hope Whitelock (G)	C	University of Colorado, Boulder	Physics									
Li Xiang (P)	C	National High Magnetic Field Laboratory	DC field									
Jie Xing (P)	C	Oak Ridge National Laboratory	Neutron Scattering Division									
Fazel Tafti (S)	**PI**	**Boston College**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC0023124		P19927	Chiral Crystals at the Extreme Quantum Limit	Condensed Matter Physics	2	11.43
Sudhaman Balguri (G)	C	Boston College	Physics	DOD	US Air Force	FA-2386-21-1-4059						
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department									
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS									
Xiaohan Yao (G)	C	Boston College	Physics									
Luis Jauregui (S)	**PI**	**University of California, Irvine**	**Department of Physics and Astronomy**	NSF	DMR - Division of Materials Research	DMR2146567		P19933	Magnetotransport of gate-tunable van der Waals topological heterostructures	Condensed Matter Physics	1	7
Marshall Campbell (G)	C	University of California, Irvine	Physics and Astronomy									
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS									
Jinyu Liu (P)	C	University of California, Irvine	Department of Physics and Astronomy									
Robert Welser (G)	C	University of California, Irvine	Department of Physics and Astronomy									
Jian Liu (S)	**PI**	**University of Tennessee, Knoxville**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC0020254		P19938	Emergent magnetotransport phenomena of geometrically frustrated heterostructures	Condensed Matter Physics	3	20
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department									
Seunghoon Song (G)	C	University of Tennessee, Knoxville	Department of Physics and Astronomy									
Chengkun Xing (G)	C	University of Tennessee, Knoxville	Physics									

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Alex Eaton (S)	**PI**	**University of Cambridge**	**Physics**	EPSRC UK	Non US Council		P19943	High magnetic field study of a spin-triplet superconductor candidate	Condensed Matter Physics	3	19.43
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Hanyi Chen (G)	C	University of Cambridge	Physics quantum matter								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Mengmeng Long (G)	C	University of Cambridge	Department of Physics								
Michal Valiska (S)	C	Charles University, Prague, Czechia	Physics								
Theo Weinberger (G)	C	University of Cambridge	Cavendish Laboratory								
Zheyu Wu (G)	C	University of Cambridge	Department of Physics								
Suchitra Sebastian (S)	**PI**	**University of Cambridge**	**Physics**	No other support			P19950	Phase diagram of a Correlated Insulator	Condensed Matter Physics	2	15.38
Oishee Banerjee (G)	C	University of Cambridge	Physics	European Reseach Council	Non US Council						
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Jessica Chapman (G)	C	University of Cambridge	Physics								
Hanyi Chen (G)	C	University of Cambridge	Physics quantum matter								
Thenmozhi Elango (G)	C	University of Cambridge	Physics								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Nicholas Popiel (G)	C	University of Cambridge	Physics								
Gilles Rodway-Gant (U)	C	University of Cambridge	Cavendish Laboratory								
Geetha Balakrishnan (S)	**PI**	**University of Warwick**	**Physics**	European Research Council	Non US Council		P19951	Quantum Oscillations in New Families of Correlated Insulators	Condensed Matter Physics	1	5.41
Oishee Banerjee (G)	C	University of Cambridge	Physics								
Jessica Chapman (G)	C	University of Cambridge	Physics								
Jiasheng Chen (T)	C	University of Cambridge	Physics								
Thenmozhi Elango (G)	C	University of Cambridge	Physics								
Mengmeng Long (G)	C	University of Cambridge	Department of Physics								
Nicholas Popiel (G)	C	University of Cambridge	Physics								
Gilles Rodway-Gant (U)	C	University of Cambridge	Cavendish Laboratory								
Suchitra Sebastian (S)	C	University of Cambridge	Physics								
Alexey Suslov (S)	**PI**	**National High Magnetic Field Laboratory**	**Condensed Matter Science**	No other support			P19953	Improvement of the ultrasonic techniques at the DC field facility: 2022	Condensed Matter Physics	**1**	7
Jak Chakhalian (S)	**PI**	**Rutgers University**	**physics**	DOE			P19954	Magnetotransport study on Weyl semimetal pyrochlore iridate thin films	Condensed Matter Physics	4	26
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department	Gordon and Betty Moore Foundation	Other						
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Michael Terilli (G)	C	Rutgers University	Physics								
Tsung-Chi Wu (G)	C	Rutgers University	Physics								
Christianne Beekman (S)	**PI**	**National High Magnetic Field Laboratory**	**Physics**	NSF	DMR - Division of Materials Research	DMR1847887	P19955	Study of the Magneto-elastic Coupling in Thin Films and Bulk Samples of Frustrated Magnets	Condensed Matter Physics	10	65.38
Ranjit Chandra Das (G)	C	Florida State University	Materials Science and Engineering								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Sangsoo Kim (G)	C	Florida State University	Physics								
Bella Lake (S)	C	Helmholtz Zentrum-Berlin	EM-AQM								
Dillon McNamara (G)	C	Florida State University	Physics								
William Nelson (G)	C	National High Magnetic Field Laboratory	CMS-Physics								
Jennifer Reid (P)	C	National High Magnetic Field Laboratory	Physics								
Theo Siegrist (S)	C	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
Alexey Suslov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Kaya Wei (S)	C	National High Magnetic Field Laboratory	CMS								
Michael Zudov (S)	**PI**	**University of Minnesota, Twin Cities**	**School of Physics and Astronomy**	DOE	BES – Basic Energy Sciences	DE-SC0002567.	P20023	Emergent quantum Hall and broken-symmetry states in GaAs/AlGaAs quantum wells	Condensed Matter Physics	2	16
Elliot Bell (G)	C	University of Minnesota, Twin Cities	School of Physics and Astronomy								
Loren Pfeiffer (S)	C	Princeton University	Electrical Engineering								
Wei Pan (S)	**PI**	**Sandia National Laboratories**	**Materials Physics Department**	Sandia National Laboratories	US Government Lab		P20027	Electronic transport and optical studies of semiconductor artificial quantum materials	Condensed Matter Physics	2	14
Kent Smith (O)	C	Sandia National Laboratories	8351								
Layla Smith (U)	C	Norfolk State University	Physics								
Henry Travaglini (P)	C	Sandia National Laboratories	Materials Physics								
Z. Valy Vardeny (S)	**PI**	**University of Utah**	**Department of Physics & Astronomy**	DOE	BES – Basic Energy Sciences	DE-AC36-08G028308	P20028	Anomalous Landau levels and magneto-excitons in chiral 2D hybrid organic inorganic perovskites with strong Rashba spin orbit coupling	Condensed Matter Physics	1	7
Rikard Bodin (G)	C	University of Utah	Physics & Astronomy								
Isaac Brown (G)	C	University of Utah	Physics & Astronomy								
Heshan Hewa Walpitage (G)	C	University of Utah	Department of Physics and Astronomy								
Uyen Huynh (P)	C	University of Utah	Physics								
Stephen McGill (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Daniel Nikiforov (P)	C	University of Utah	Department of Physics & Astronomy								
Binod Pandey (G)	C	University of Utah	Physics and Astronomy								
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Sergei Zvyagin (S)	**PI**	**Helmholtz Zentrum Dresden-Rossendorf**	**Dresden High Magnetic Field Laboratory**	Deutsche Forschungsgemeinschaft	Other Non US Federal Agency		P20035	Frustration and competing interactions in quantum antiferromagnets	Condensed Matter Physics	1	5.28
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Joachim Wosnitza (S)	C	Helmholtz Zentrum Dresden-Rossendorf	Dresden High Magnetic Field Laboratory (HLD)								
Mansour Shayegan (S)	**PI**	**Princeton University**	**Department of Electrical and Computer Engineering**	NSF	DMR - Division of Materials Research	DMR2104771	P20041	Role of layer thickness on enhancement of spin susceptibility of an interacting 2DES	Condensed Matter Physics	2	28
Casey Calhoun (G)	C	Princeton University	Electrical and Computer Engineering	DOE	BES – Basic Energy Sciences	DEFG02-00-ER45841					
Adbhut Gupta (P)	C	Princeton University	Electrical and Computer Engineering								
Siddharth Kumar Singh (G)	C	Princeton University	Electrical Engineering								
Chia-Tse Tai (G)	C	Princeton University	Electrical and Computer Engineering								
Pranav Thekke Madathil (G)	C	Princeton University	Electrical Engineering								
Chengyu Wang (G)	C	Princeton University	Electrical and Computer Engineering								

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Jia Li (S)	**PI**	**Brown University**	**Department of Physics**	NSF	DMR - Division of Materials Research	DMR2143384	P20045	Nematicity, nonreciprocity, and their interplay in a moire flatband	Condensed Matter Physics	2	13.44
Sarah Alkidim (G)	C	Brown University	Department of Physics	NSF	OIA - Office of Integrative Activities	2327206					
Jiang-Xiazi Lin (P)	C	Brown University	Physics								
Erin Morissette (G)	C	Brown University	Physics								
Nhanvan Nguyen (G)	C	Brown University	Physics								
Peiyu Qin (G)	C	Brown University	Physics								
Ishika Tulsian (U)	C	Brown University	Physics								
Yibang Wang (G)	C	Brown University	Physics								
Naiyuan Zhang (G)	C	Brown University	Department of Physics								
Venkat Selvamanickam (S)	**PI**	**University of Houston**	**Mechanical Engineering**	DOE	HEP – High Energy Physics	DE-SC0016220	P20049	Critical current characterization of STAR® REBCO wires at 4.2 K and very high magnetic fields	Development of Magnet Technology	1	2.77
Nghia Mai (G)	C	Ampeers LLC	Mechanical Engineering								
Bhabesh Sarangi (G)	C	University of Houston	Material Science and Engineering								
Shengchen Xue (S)	C	Ampeers LLC	Technology Bridge								
Julia Chan (S)	**PI**	**Baylor University**	**Chemistry and Biochemistry**	DOE	BES – Basic Energy Sciences	DE-SC0022854	P20085	Characterization of Highly Correlated f-Electron Systems	Chemistry	6	51
Melissa Anderson (G)	C	Baylor University	Chemistry and Biochemistry	DOE	BES – Basic Energy Sciences	DE-SC0022854					
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment	Welch Foundation	Other	AA-2056-20220101					
Ryan Baumbach (S)	C	University of California, Santa Cruz	Physics								
Wilson Brown (G)	C	Baylor University	Chemistry and Biochemistry								
Alexis Dominguez (G)	C	Baylor University	Chemistry and Biochemistry								
Mehak Ghafoor (G)	C	Florida State University	Physics								
Morgan Raines (G)	C	Baylor University	Chemistry and Biochemistry								
Benny Schundelmier (G)	C	Florida State University	Physics								
Kaya Wei (S)	C	National High Magnetic Field Laboratory	CMS								
Luis Balicas (S)	**PI**	**National High Magnetic Field Laboratory**	**Condensed Matter Experiment**	DOE	BES – Basic Energy Sciences	DE-SC0002613	P20119	Understanding the topological spin textures in the magnetic topological semi-metallic candidates Fe3GeTe2 and Fe5GeTe2	Condensed Matter Physics	3	27
Brian Casas (P)	C	National High Magnetic Field Laboratory	Condensed Matter Sciences								
Shyam Raj Karulilthodi (G)	C	National High Magnetic Field Laboratory	Condensed matter science								
Vadym Kulichenko (S)	C	National High Magnetic Field Laboratory	Condensed matter science								
Sang-Eon Lee (P)	C	National High Magnetic Field Laboratory	Physics								
Alex Moon (G)	C	National High Magnetic Field Laboratory	Condensed Matter								
Keshav Shrestha (S)	**PI**	**Texas A&M University**	**Chemistry and Physics**	VSP		227000-110	P20127	Electronic properties of topological materials under high pressure	Condensed Matter Physics	2	7.15
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS	West Texas A&M University	US College and University						
Thinh Nguyen (G)	C	West Texas A&M University	Chemistry and Physics								
Cole Phillips (G)	C	West Texas A&M University	Chemistry and Physics								
Keshav Shrestha (S)	C	Texas A&M University	Chemistry and Physics								
Kyryl Shtefiienko (U)	C	West Texas A&M University	Chemistry and Physics								
Albert Gapud (S)	**PI**	**University of South Alabama**	**Department of Physics**	No other support			P20131	Low-temperature measurements of 51V NMR relaxation times in single crystal of V3Si	Condensed Matter Physics	2	14
Arneil Reyes (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Jin Hu (S)	**PI**	**University of Arkansas**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC0022006	P20144	Unusual Magnetotransport in Layered Materials	Condensed Matter Physics	2	26.34
Gokul Acharya (G)	C	University of Arkansas	Physics	NSF	DMR - Division of Materials Research	DMR2238254					
Santosh Chhetri (G)	C	University of Arkansas	Physics								
Sagar Dahal (G)	C	University of Arkansas	Department of Physics								
Manish Mani Sharma (P)	C	University of Arkansas	Department of Physics								
Xiang Yuan (S)	**PI**	**East China Normal University**	**state key laboratory of precision spectroscopy**	East China Normal University	Non US College and University		P20145	Magneto-infrared spectroscopy of magnetic Weyl semimetals	Condensed Matter Physics	2	14
Yuhan Du (G)	C	East China Normal University	State Key Laboratory of Precision Spectroscopy								
Xiangyu Jiang (G)	C	East China Normal University	State Key Laboratory of Precision Spectroscopy								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Zeping Shi (P)	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								
Haidong Zhou (S)	**PI**	**University of Tennessee, Knoxville**	**Physics and Astronomy**	DOE	Other	0	P20149	New multiferroicity of new layered compounds	Condensed Matter Physics	1	7
Alexander Brassington (G)	C	University of Tennessee, Knoxville	Physics								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics								
Christopher Mizzi (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
Sangyun Lee (S)	**PI**	* **National High Magnetic Field Laboratory**	**Department of Physics**	DOE	BES – Basic Energy Sciences	0	P20151	High field studies of a new Shastry-Sutherland lattice compound.	Condensed Matter Physics	1	7
Huibo Cao (S)	C	Oak Ridge National Laboratory	Neutron scattering								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								
Tai Kong (S)	C	University of Arizona	Department of Physics								
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								

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Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Woun Kang (S)	**PI**	**Ewha Womans University**	**Department of Physics**	National Science Foundation of Korea	Non US Foundation		P20154	Search for the Fermi surface of the organic line node semi-metal HMTSF-TCNQ	Condensed Matter Physics	1	7
Reizo Kato (S)	C	RIKEN	Condensed Molecular Materials Laboratory - Wako Institute								
Keizo Murata (S)	C	Osaka City University	Department of Physics, Gradurate School of Science								
Dmytro Abraimov (S)	**PI**	**National High Magnetic Field Laboratory**	**The Applied Superconductivity Center**	DOE	Other	DE-SC0023177	P20160	Performance-structure characterization to improve the growth process of HM ReBCO conductor with 15% Zr doping	Development of Magnet Technology	2	10.52
Griffin Bradford (O)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center								
Lance Cooley (S)	C	National High Magnetic Field Laboratory	ASC								
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS								
Jonathan Lee (G)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center								
Jeremy Levitan (T)	C	National High Magnetic Field Laboratory	MS&T								
Jun Lu (S)	C	National High Magnetic Field Laboratory	MS&T								
Yifei Zhang (S)	C	SuperPower, Inc.	R&D and Applications								
Suchitra Sebastian (S)	**PI**	**University of Cambridge**	**Physics**	european research council	Non US Council		P20163	Novel Magnetism in a Strongly Correlated Insulator	Condensed Matter Physics	2	14
Oishee Banerjee (G)	C	University of Cambridge	Physics								
Jessica Chapman (G)	C	University of Cambridge	Physics								
Jiasheng Chen (T)	C	University of Cambridge	Physics								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Damien Dooley (U)	C	University of Cambridge	Department of Physics								
Thenmozhi Elango (G)	C	University of Cambridge	Physics								
Nicholas Popiel (G)	C	University of Cambridge	Physics								
Naina Reddy (U)	C	University of Cambridge	Department of Physics, Cavendish Laboratory, Maxwell Centre								
Gilles Rodway-Gant (U)	C	University of Cambridge	Cavendish Laboratory								
Jun Sung Kim (S)	**PI**	**Pohang University of Science and Technology**	**Physics**	Pohang University of Science and Technology	Non US College and University		P20165	Novel electronic phases and high-magnetic-field transport of nodal-line fermions proximate to a topological phase transition	Condensed Matter Physics	1	6.3
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								
Seohee Kim (G)	C	Pusan National University	Physics								
MINSIK KONG (G)	C	Pusan National University	Physics								
Jun seong Lee (G)	C	Pohang University of Science and Technology	Physics								
Jong Mok Ok (G)	C	Oak Ridge National Laboratory	Physics								
Hyeongwoo Seo (G)	C	Pohang University of Science and Technology	Physics Department								
Hongcheng Lu (S)	**PI**	* **Huazhong University of Science and Technology**	**School of Chemistry and Chemical Engineering**	Huazhong University of Science and Technology	Non US College and University		P20228	Field-induced transition study in the doped nearly-ideal 1D chain systems Fe1-xMxF3(4,4'-bipyridyl) (M = Cr, Mn, V, Ga, Al)	Chemistry	1	6
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Deepshikha Jaiswal-Nagar (S)	**PI**	**IISER Thiruvananthapuram**	**Physics**	No other support			P20237	milli-Kelvin ac susceptibility measurements of a spin 1/2 Heisenberg antiferromagnet	Condensed Matter Physics	1	7
Shalinee Chikara (S)	C	National High Magnetic Field Laboratory	CMS, DC Field Facility								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Tim Murphy (S)	C	National High Magnetic Field Laboratory	DC Field Facility								
Dmitri Basov (S)	**PI**	**Columbia University**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC0018426	P20238	Magneto-infrared spectroscopy and quantum oscillations of novel quantum materials	Condensed Matter Physics	1	7
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								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Xavier Roy (S)	C	Columbia University	Chemistry								
Yinming Shao (S)	C	Pennsylvania State University	Physics								
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Panayotis Kyritsis (S)	**PI**	**National and Kapodistrian University of Athens**	**Chemistry**	Special Account for Research Grants of the National and Kapodistrian University of Athens	Other		P20241	Zero-field splitting in S = 3/2 Co(II) and S = 2 Fe(II) complexes probed by HFEPR and far-infrared magnetic spectroscopy (FIRMS)	Chemistry	1	14
Andreas Danopoulos (S)	C	National and Kapodistrian University of Athens	Chemistry								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Haidong Zhou (S)	**PI**	**University of Tennessee, Knoxville**	**Physics and Astronomy**	NSF	DMR - Division of Materials Research	DMR2003117	P20243	The exploration of field induced quantum spin liquid state in new quantum magnets	Condensed Matter Physics	2	14
Alexander Brassington (G)	C	University of Tennessee, Knoxville	Physics	DOD	US Air Force	FA9550-23-1-0502					
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Aya Rutherford (G)	C	University of Tennessee, Knoxville	Institute for Advanced Materials and Manufacturing								
Seunghoon Song (G)	C	University of Tennessee, Knoxville	Department of Physics and Astronomy								
Chengkun Xing (G)	C	University of Tennessee, Knoxville	Physics								
Chris Palmstrom (S)	**PI**	**University of California, Santa Barbara**	**ECE-Material Science**	NSF	MRSEC - Materials Research Science and Engineering Centers	PIRE-1743717	P20251	Transport studies of epitaxial ultrathin topological materials	Condensed Matter Physics	2	13
Paul Corbae (P)	C	University of California, Santa Barbara	ECE/Materials								
Connor Dempsey (G)	C	University of California, Santa Barbara	ECE								
Jason Dong (G)	C	University of California, Santa Barbara	Materials								
Yilmaz Gul (P)	C	University of California, Santa Barbara	Electronic and Computer engineering								
Teun van Schijndel (G)	C	University of California, Santa Barbara	ECE								

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Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Kang Wang (S)	**PI**	**University of California, Los Angeles**	**Electrical Engineering**	NSF	Other	1936383	P20252	Searching for Unconventional Superconductivity in 2D van der Waals material-based superconductor heterostructures	Condensed Matter Physics	1	7
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department	Army Research Office	Other US Federal Agency	W911NF20- 2-0166					
Yaochen Li (G)	C	University of California, Los Angeles	Electrical and Computer Engineering								
Gang Qiu (S)	C	University of Minnesota, Twin Cities	Electrical and Computer Engineering								
Lixuan Tai (G)	C	University of California, Los Angeles	Electrical and Computer Engineering								
Ting-Hsun Yang (G)	C	University of California, Los Angeles	Electric and Computer Engineering								
Ho Nyung Lee (S)	**PI**	**Oak Ridge National Laboratory**	**Materials Science and Technology Division**	DOE	BES – Basic Energy Sciences	KC0202024	P20254	Understanding extreme quantum limit in oxide Dirac semimetals	Condensed Matter Physics	1	5.86
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Seohee Kim (G)	C	Pusan National University	Physics								
Minsik Kong (G)	C	Pusan National University	Physics								
Shan Lin (P)	C	Oak Ridge National Laboratory	Materials Science and Technology								
Jong Mok Ok (G)	C	Oak Ridge National Laboratory	Physics								
Yunkyu Park (P)	C	Oak Ridge National Laboratory	Materials Science and Technology Division								
Jian Wang (S)	**PI**	**Peking University**	**International Center for Quantum Materials, School of Physics**	Smith College	US College and University	SD-60175 CFCD - Fortune, Nathanael	P20256	Specific heat measurements of log-periodic oscillations under high magnetic field in Dirac materials ZrTe5 and HfTe5	Condensed Matter Physics	1	5.48
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Nathanael Fortune (S)	C	Smith College	Department of Physics								
Scott Hannahs (S)	C	National High Magnetic Field Laboratory	Instrumentation								
Robert Joynt (S)	C	University of Wisconsin, Madison	Physics								
Yanzhao Liu (G)	C	Peking University	School of Physics								
Joyce Palmer-Fortune (S)	C	Smith College	Physics								
Danilo Roberto Ratkovski (O)	C	National High Magnetic Field Laboratory	CMS								
Ziqiao Wang (P)	C	Peking University	Physics								
Jun Lu (S)	**PI**	**National High Magnetic Field Laboratory**	**MS&T**	No other support			P20258	REBCO delamination strength under electromagnetic force	Development of Magnet Technology	1	4.89
Iain Dixon (S)	C	National High Magnetic Field Laboratory	MS&T								
Antonio Politano (S)	**PI**	**University of L'Aquila**	**Physical and Chemical Sciences**	No other support			P20261	High Magnetic Fields to explore Shubnikov–de Haas quantum oscillations in Pt3Te4	Condensed Matter Physics	3	28
Shermane Benjamin (S)	C	National High Magnetic Field Laboratory	Physics								
Tsotne Dadiani (G)	C	University of L'Aquila	Physics								
Zhigang Jiang (S)	**PI**	**Georgia Institute of Technology**	**School of Physics**	DOE	BES – Basic Energy Sciences	DE-FG02-07ER46451	P20265	Magneto-infrared Spectroscopy Study of Emerging Quantum Materials with Layered Structures	Condensed Matter Physics	3	35
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Sumedh Rathi (G)	C	Georgia Institute of Technology	Physics								
Nikolai Simonov (G)	C	Georgia Institute of Technology	School of Physics								
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Naipeng Zhang (P)	C	National High Magnetic Field Laboratory	Physics								
E. Dan Dahlberg (S)	**PI**	**University of Minnesota, Twin Cities**	**School of Physics and Astronomy**	DOE	BES – Basic Energy Sciences	DE-SC0013599	P20269	Determination of the exchange energy distribution in spin glasses	Condensed Matter Physics	1	20.57
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Scott Hannahs (S)	C	National High Magnetic Field Laboratory	Instrumentation								
Dmitry Ovchinnikov (S)	**PI**	**University of Kansas**	**Department of Physics and Astronomy**	Ovchinnikov Startup (University of Kansas)	Other	N/A	P20270	Dynamic tuning of quantum phases in low-dimensional materials by simultaneous modulation of carrier densities and lattice constants	Condensed Matter Physics	3	21
Md Salman Ahsanullah (G)	C	University of Kansas	Physics and Astronomy	University of Kansas	US College and University	Ovchinnikov KU startup funding					
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS	Ovchinnikov KU startup	Other	N/A					
Alex Guardiola (U)	C	University of Kansas	Department of Physics & Astronomy								
Jared Madsen (U)	C	University of Kansas	Physics and Astronomy								
Michael McGuire (S)	C	Oak Ridge National Laboratory	Materials Science and Technology Division								
Xiaodong Xu (S)	C	University of Washington	Physics								
Jiaqiang Yan (S)	C	Oak Ridge National Laboratory	Materials Science and Technology Division								
Zachery Enderson (P)	**PI**	**Georgia Institute of Technology**	**School of Physics**	DOE	Other	N/A	P20271	Band structure Engineering using Artificial Moirè Quantum Materials	Condensed Matter Physics	5	44
Zhigang Jiang (S)	C	Georgia Institute of Technology	School of Physics								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Wei Pan (S)	C	Sandia National Laboratories	Materials Physics Department								
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Philip Moll (S)	**PI**	**Max Planck Institute for Structure and Dynamics of Matter, Hamburg**	**Max Planck Institute for Structure and Dynamics of Matter**	ERC	Non US Council	No. 715730	P20283	True nature of exotic high field state in UTe2: a field-polarized metal or a field-boosted superconductor?	Condensed Matter Physics	2	10
Priscila Ferrari Silveira Rosa (P)	C	Los Alamos National Laboratory	MPA-CMMS	Swiss National Science Foundation	Non US Council						
Chunyu Guo (S)	C	Max Planck Institute for Structure and Dynamics of Matter, Hamburg	MQM								
Carsten Putzke (U)	C	University of Bristol	Physics								
Ling Zhang (G)	C	Max Planck Institute for Structure and Dynamics of Matter, Hamburg	MQM								
David Graf (S)	**PI**	**National High Magnetic Field Laboratory**	**DC Field / CMS**	No other support			P20295	Instrumentation and Technique Development	Condensed Matter Physics	7	54.35
Md Sazedul Islam (G)	C	Florida State University	Chemistry and Biochemistry								
Benny Schundelmier (G)	C	Florida State University	Physics								
Kaya Wei (S)	C	National High Magnetic Field Laboratory	CMS								

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Michael Shatruk (S)	**PI**	**National High Magnetic Field Laboratory**	**Department of Chemistry and Biochemistry**	DOE	BES – Basic Energy Sciences	DESC0019330	P20300	Crystal Structure of Valence Tautomeric Cobalt Complex in High Magnetic Fields	Material Science	2	9.85
Shubham Bisht (G)	C	Florida State University	Chemistry and Biochemistry	NSF	CHE - Chemistry	CHE2300779					
Miguel Gakiya (G)	C	Florida State University	Chemistry and Biochemistry								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Dibya Mondal (P)	C	Florida State University	Chemistry and Biochemistry								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Theo Siegrist (S)	C	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
James Wampler (P)	C	National High Magnetic Field Laboratory	MPA-MAGLAB								
Sandugash Yergeshbayeva (G)	C	Florida State University	Chemistry and Biochemistry								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Louise Debefve (S)	**PI**	**Cornell University**	**Cornell High Energy Synchrotron Source**	NSF	DMR - Division of Materials Research	DMR1946998	P20304	Testing x-ray detectors in high magnetic fields	Development of Magnet Technology	1	5.13
Vittorio Boccone (S)	C	Dectris Ltd.	Development								
Elisabeth Bodnaruk (T)	C	Cornell University	Wilson Lab								
Zachary Brown (T)	C	Dectris Ltd.	Support & Commissioning								
Melanie Cardona (O)	C	Dectris Ltd.	Support & Commissioning								
Tania Fernández Félix (G)	C	Cornell University	Cornell High Energy Synchrotron Source								
Lisa Glatt (T)	C	Dectris Ltd.	Marketing and Sales								
Rigel Lochner (T)	C	Cornell University	CLASSE								
Alan Pauling (T)	C	Cornell University	CHESS								
Kate Shanks (O)	C	Cornell University	Cornell High Energy Synchrotron Source								
Keith Surrena (T)	C	Cornell University	CHESS								
Janice Musfeldt (S)	**PI**	**University of Tennessee, Knoxville**	**Department of Chemistry**	NSF	DMR - Division of Materials Research	DMR2226109	P20344	High field spectroscopy of materials with broken symmetries and strong spin-orbit coupling	Chemistry	1	5.84
Yanhong Gu (P)	C	University of Tennessee, Knoxville	Chemistry								
Stephen McGill (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Daniel Morris (G)	C	University of Tennessee, Knoxville	Chemistry								
Kevin Smith (P)	C	University of Tennessee, Knoxville	Chemistry								
Grace Morgan (S)	**PI**	**University College Dublin**	**School of Chemistry and Chemical Biology**	No other support			P20360	High Field EPR Analysis of Redox and Spin State in Spin Crossover Complexes	Chemistry	1	7
Francesca Adami (G)	C	University College Dublin	School of Chemistry								
Emmelyne Cuza (P)	C	University College Dublin	Chemistry								
Brittany Grimm (G)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Zoi Lada (P)	C	University College Dublin	School of Chemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Christianne Beekman (S)	**PI**	**National High Magnetic Field Laboratory**	**Physics**	NSF	DMR - Division of Materials Research	DMR1847887	P20367	Characterization of novel magnetic phases in quantum material thin films and bulk crystals	Condensed Matter Physics	3	15.59
Kaylee Biggart (G)	C	University of Waterloo	Physics and Astronomy	Natural Sciences and Engineering Research Council of Canada	Non US Council						
Jessica Chapman (G)	C	University of Cambridge	Physics								
Laura Greene (S)	C	National High Magnetic Field Laboratory	Management and Administration								
Robert Hill (S)	C	University of Watertoo	Physics and Astronomy								
Robert Huber (U)	C	National High Magnetic Field Laboratory	CMS								
Mohammad Irfan (G)	C	National High Magnetic Field Laboratory	CMS								
Sangsoo Kim (G)	C	Florida State University	Physics								
Scott Maier (O)	C	National High Magnetic Field Laboratory	Instrumentation and Operations								
Dillon McNamara (G)	C	Florida State University	Physics								
Jennifer Reid (P)	C	National High Magnetic Field Laboratory	Physics								
Suchitra Sebastian (S)	C	University of Cambridge	Physics								
Alexey Suslov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Guillaume Gervais (S)	**PI**	**McGill University**	**Physics department**	nserc	Other		P20369	Ultra high mobility bismuth and GaAs 2DEGs	Biology, Biochemistry, Biophysics	1	6.2
Frédéric Boivin (G)	C	McGill University	Physics								
Thomas Szkopek (S)	C	McGill University	Electrical and Computer Engineering								
Oulin Yu (G)	C	McGill University	Physics								
Gennady Logvenov (S)	**PI**	* **Max Planck Institute for Solid State Research, Stuttgart**	**Thin Film Technology Facility**	Max Plank Institute for Solid State Research	Non US Government Lab		P20378	High Magnetic Field Magnetotransport in Artificial Cuprate Superlattices	Condensed Matter Physics	1	8
Andrea Alimenti (S)	C	Roma Tre University	Dept. of Industrial, Electronic and Mechanical Engineering								
Fedor Balakirev (S)	C	National High Magnetic Field Laboratory	PFF								
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Antonio Bianconi (S)	C	National Research Council CNR	Institute of Crystallography								
G. Alexander Smith (P)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Charles Ahn (S)	**PI**	**Yale University**	**Applied Physics**	DOE	BES – Basic Energy Sciences	DE-SC0019211	P20381	High field magneto-transport study of Nd1-xEuxNiO2 thin films	Condensed Matter Physics	1	4.93
Dung Vu (P)	C	Yale University	Applied Physics								
Frederick Walker (S)	C	Yale University	Applied Physics								
Wenzheng Wei (G)	C	Yale University	Applied Physics								
Pengcheng Dai (S)	**PI**	**Rice University**	**Physics**	NSF	PHY - Physics	PHY2100741	P20385	Magnetization and Electric Transport Studies on Fe-based Kagome Antiferromagnets	Condensed Matter Physics	1	7.87
Ananya Biswas (G)	C	Rice University	Physics and Astronomy								
Kelly Neubauer (G)	C	Rice University	Physics & Astronomy								
Weiliang Yao (P)	C	Rice University	Physics								

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Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)				Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Artem Pronin (S)	**PI**	**University of Stuttgart**	**Mathematics and Physics**	No other support				P20389	Probing the low-energy electron dynamics in chiral quantum materials by magneto-optical spectroscopy	Condensed Matter Physics	1	14
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS									
Chun Ning (Jeanie) Lau (S)	**PI**	**Ohio State University**	**Department of Physics and Astronomy**	NSF	DMR - Division of Materials Research	DMR2219048		P20390	Symmetry-broken Phases and Phase Transitions in Layered Quantum Materials	Condensed Matter Physics	2	11.19
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment	DOE	BES – Basic Energy Sciences	will provide later						
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations									
Greyson Voigt (G)	C	Ohio State University	Dept of Physics									
Jiayin Wang (G)	C	Ohio State University	Physics									
Yuxin Zhang (G)	C	Ohio State University	Physics									
Zheneng Zhang (G)	C	Ohio State University	Physics									
Jan Jaroszynski (S)	**PI**	**National High Magnetic Field Laboratory**	**CMS**	NSF	DMR - Division of Materials Research	DMR2128556		P20394	Critical Current in REBCO Superconducting Tapes Assessed by Torque	Development of Magnet Technology	2	10.45
Jeseok Bang (P)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center									
Griffin Bradford (O)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center									
JL (Jie Lee-Ling) Cheng (S)	C	Commonwealth Fusion Systems	Research & Development									
Ashleigh Francis (S)	C	Commonwealth Fusion Systems	R&D									
Jonathan Lee (G)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center									
Garfield Murphhy (T)	C	Florida State University	Applied Superconductivity Center (ASC)									
Aixia Xu (O)	C	Florida State University	ASC									
Guangxin Ni (S)	**PI**	**National High Magnetic Field Laboratory**	**Physics**	DOE	BES – Basic Energy Sciences		100792	P20396	High-Field exploration of elementary excitations in 2D MultiferroicFamily MX2 (M=Co, Ni, Mn; X = Br, I) through Optical Spectroscopy	Condensed Matter Physics	4	24.8
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS	DOE	BES – Basic Energy Sciences	DE-SC0022022						
Dmitry Smirnov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations	NSF	DMR - Division of Materials Research	DMR2145074						
Naipeng Zhang (P)	C	National High Magnetic Field Laboratory	Physics									
Nikolai Kalugin (S)	**PI**	**New Mexico Institute of Mining and Technology**	**Department of Materials Engineering**	NSF	DMR - Division of Materials Research	DMR2120475		P20397	Quantum Hall states under periodic driving	Condensed Matter Physics	1	14
Paola Barbara (S)	C	Georgetown University	Physics	NSF	DMR - Division of Materials Research	DMR2104770						
Luis Foa Torres (S)	C	University of Chile	Department of Physics, FCFM									
Yijing Liu (G)	C	Georgetown University	Physics									
Alexey Suslov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science									
Taylor Terrones (U)	C	New Mexico Institute of Mining and Technology	Materials Engineering Department									
Philip Kim (S)	**PI**	**Harvard University**	**Department of Physics**	DOE	BES – Basic Energy Sciences	DOE DE-SC0012260		P20403	Probing Fractional Quantum Hall Quasiparticles in Graphene van der Waals Heterostructures	Condensed Matter Physics	1	4.37
Abhishek Banerjee (P)	C	Harvard University	Physics									
James Ehrets (G)	C	Harvard University	Physics									
Zeyu Hao (G)	C	Harvard University	Physics									
Joon Young Park (P)	C	Harvard University	Physics									
Isabelle Phinney (G)	C	Harvard University	Physics									
Thomas Werkmeister (G)	C	Harvard University	Applied Physics									
Linda Ye (S)	**PI**	* **California Institute of Technology**	**Mathematics, Physics and Astronomy**	NSF	PHY - Physics	PHY2317110		P20405	Modulating frustration in strongly spin-orbit coupled magnets via strain and magnetic fields	Condensed Matter Physics	1	4.02
Zili Feng (P)	C	California Institute of Technology	Physics, Mathematics and Astronomy									
Takashi Kurumaji (S)	C	California Institute of Technology	Physics									
Tao Lu (G)	C	California Institute of Technology	Mathematics, Physics and Astronomy									
Abhay Pasupathy (S)	**PI**	**Columbia University**	**Physics**	NSF	MRSEC - Materials Research Science and Engineering Centers	DMR-2011738		P20407	Pressure tuning of flatbands in twisted homobilayer WSe2: in search of correlated topological states, superconductivity and magnetic ordering	Condensed Matter Physics	1	5
Jacob Amontree (G)	C	Columbia University	Mechanical Engineering									
Augusto Ghiotto (P)	C	University of California, Berkeley	Physics									
Daniel Ostrom (G)	C	Columbia University	Physics									
Jordan Pack (G)	C	Columbia University	Physics									
Yuan Song (G)	C	Columbia University	Physics									
Aya Batoul Tazi (G)	C	Columbia University	Physics									
Ian Fisher (S)	**PI**	**Stanford University**	**Applied Physics**	Gordon and Betty Moore Foundation	US Foundation	GBMF9068		P20409	Probing strain-tuned Fermi surfaces via quantum oscillations in the elastocaloric effect	Condensed Matter Physics	1	3.49
Sayak Ghosh (P)	C	Stanford University	Applied Physics									
Qianni Jiang (P)	C	Stanford University	Applied Physics									
Diana Spulber (G)	C	Stanford University	Applied Physics									
Linda Ye (S)	C	California Institute of Technology	Mathematics, Physics and Astronomy									
Daniel Rhodes (S)	**PI**	**University of Wisconsin, Madison**	**Materials Science and Engineering**	No other support				P20410	Electronic Properties of Superconducting and Topological Bulk and Few-Layer 1T' Transition Metal Chalcogenides	Material Science	4	31.41
Brenna Bierman (G)	C	University of Wisconsin, Madison	Chemistry	DOE	BES – Basic Energy Sciences	DE-SC0023866						
Yangchen He (G)	C	University of Wisconsin, Madison	Department of Material Science and Engineering	DOE	BES – Basic Energy Sciences	DE-SC0023866						
Zizhong Li (G)	C	University of Wisconsin, Madison	Department of Materials Science and Engineering									
Yikai Wang (G)	C	University of Wisconsin, Madison	Material Science and Engineering									
Kin Fai Mak (S)	**PI**	**Cornell University**	**Physics**	NSF	DMR - Division of Materials Research	DMR2039380		P20428	Strong correlation physics in transition metal dichalcogenide	Condensed Matter Physics	1	4.58
Raghav Chaturvedi (G)	C	Cornell University	Applied & Engineering Physics									
Phuong Nguyen (G)	C	Cornell University	Applied and Engineering Physics									
Jie Shan (S)	C	Pennsylvania State University	Physics									
Emilia Morosan (S)	**PI**	**Rice University**	**Physics and Astronomy**	AFOSR	Other US Federal Agency	G10000206		P20432	Angle dependent magnetoresistance measurements on InTaS2 single crystals in DC magnetic field	Condensed Matter Physics	1	5
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment									
Yuxiang Gao (G)	C	Rice University	Physics and Astronomy									

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Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Zahir Islam (S)	**PI**	*	**Argonne National Laboratory**	**X-RAY SCIENCE DIVISION**	DOE	BES – Basic Energy Sciences	DE-AC02-06CH11357	P20446	High-Tc trapped flux magnet characterization for synchrotron applications with unrestricted optical access in magnetic field	Material Science	1	7
Ramakanta Chapai (P)	C		Argonne National Laboratory	Materials Science Division								
Scott Hannahs (S)	C		National High Magnetic Field Laboratory	Instrumentation								
Jong-Woo Kim (S)	C		Argonne National Laboratory	Advanced Photon Source								
Jung Ho Kim (S)	C		Argonne National Laboratory	X RAY SCIENCE DIVISION								
Matthew Krogstad (S)	C		Argonne National Laboratory	X-Ray Science Division								
Ulrich Welp (S)	C		Argonne National Laboratory	Materials Science Division								
YounJung Jo (S)	**PI**		**Kyungpook National University**	**Physics**	National Research Foundation of Korea (NRF)	Non US Foundation		P20492	The role of Kondo interactions in d-electron systems and the emergence of exotic phenomena	Condensed Matter Physics	3	33.5
Eun Sang Choi (S)	C		National High Magnetic Field Laboratory	Physics Department								
Joonyoung Choi (G)	C		Kyungpook National University	Physics								
Min Hyuk Choi (G)	C		Pohang University of Science and Technology	Physics								
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field / CMS								
Ho Seong Jeon (G)	C		Pohang University of Science and Technology	Physics								
Woun Kang (S)	C		Ewha Womans University	Department of Physics								
Jun Sung Kim (S)	C		Pohang University of Science and Technology	Physics								
Sangjin Kim (G)	C		Seoul National University	Physics								
Jun seong Lee (G)	C		Pohang University of Science and Technology	Physics								
Sang-Eon Lee (P)	C		National High Magnetic Field Laboratory	Physics								
Hyeongwoo Seo (G)	C		Pohang University of Science and Technology	Physics Department								
Scott Hannahs (S)	**PI**		**National High Magnetic Field Laboratory**	**Instrumentation**	No other support			P20500	Instrumentation Testing, Calibration and Evaluation	Condensed Matter Physics	1	1.99
Craig Beaumier (S)	C		Lake Shore Cryotronics	Sales								
Jason Chonko (S)	C		Lake Shore Cryotronics	Business Development								
Charles Cimino (S)	C		Lake Shore Cryotronics	Marketing/Sales								
Emilio Codecido (O)	C		Ohio State University	Physics								
Robert Green (T)	C		Lake Shore Cryotronics	Sales								
Alexey Suslov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science								
Yoram Dagan (S)	**PI**		**Tel-Aviv University**	**School of Physics and Astronomy**	Israeli Science Foundation	Non US Foundation	1711/23	P20501	Nonlinear transport properties of oxide interfaces at high magnetic fields	Condensed Matter Physics	1	4.82
Shay Sandik (U)	C		Tel-Aviv University	Physics								
Itai Silber (G)	C		Tel-Aviv University	Physics								
Asaf Yagoda (G)	C		Tel-Aviv University	Physics								
Valentin Taufour (S)	**PI**		**University of California, Davis**	**Department of Physics and Astronomy**	University of California, Davis	US College and University	LFR-20-653926	P20502	High Field Study Proposal on CeVGe3	Condensed Matter Physics	1	4.08
Eun Sang Choi (S)	C		National High Magnetic Field Laboratory	Physics Department								
Alexey Suslov (S)	**PI**		**National High Magnetic Field Laboratory**	**Condensed Matter Science**	No other support			P20503	High-frequency conductivity in InSb/InAlSb Structures: Acoustic Studies.	Condensed Matter Physics	1	7
Irina Drichko (S)	C		Ioffe Physical-Technical Institute of the Russian Academy of Sciences	Physics of Semiconductors and Dielectrics								
Ivan Smirnov (S)	C		Ioffe Physical-Technical Institute of the Russian Academy of Sciences	Physics of Semiconductors and Dielectrics								
Sheng Ran (S)	**PI**		**Washington University in St. Louis**	**Physics**	NSF	DMR - Division of Materials Research	DMR2236528	P20506	Study the Fermi surface of spin triplet superconductor UTe2	Condensed Matter Physics	1	4.94
Christopher Broyles (G)	C		Washington University in St. Louis	Physics								
Shannon Gould (G)	C		Washington University in St. Louis	Physics								
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field / CMS								
Qiaozhi Xu (G)	C		Washington University in St. Louis	Physics								
Kirstin Alberi (S)	**PI**	*	**National Renewable Energy Laboratory**	**Materials Science**	DOE	BES – Basic Energy Sciences	Division of Materials Sciences and Engineering, Physical Behavior of Materials Program	P20510	Investigating Magnetoelectrical Transport in Topological Semimetal Thin Films	Condensed Matter Physics	3	15.31
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field / CMS								
Ian Leahy (P)	C		National Renewable Energy Laboratory	Materials, Chemical, and Computational Science								
Wei Pan (S)	C		Sandia National Laboratories	Materials Physics Department								
Anthony Rice (S)	C		National Renewable Energy Laboratory	Materials, Chemical, and Computational Science								
Bryan Kudisch (S)	**PI**	*	**Florida State University**	**Chemistry & Biochemistry**	No other support			P20514	Ultrafast Spin Dynamics as a Mechanistic Tool in Synthetic Photocatalysis	Chemistry	1	3.06
Rachel Clark (G)	C		Florida State University	Chemistry & Biochemistry								
Stephen McGill (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science								
Pablo Jarillo-Herrero (S)	**PI**		**Massachusetts Institute of Technology**	**Physics**	DOE	BES – Basic Energy Sciences	DE-AC02-07CH11358	P20515	In plane magnetic field anisotropy of ferroelectric 2D materials	Condensed Matter Physics	1	7
Xirui Wang (G)	C		Massachusetts Institute of Technology	Physics								
Xueqiao Wang (G)	C		Massachusetts Institute of Technology	Physics								
Kenji Yasuda (S)	C		Cornell University	School of Applied and Engineering Physics								
Zhiren Zheng (G)	C		Massachusetts Institute of Technology	Physics								
Allen Scheie (S)	**PI**	*	**Los Alamos National Laboratory**	**MPA-Q**	DOE	Office of Science	DE-SC0000000	P20517	Quantum spin liquid phase in rare-earth triangular lattice antiferromagnets	Condensed Matter Physics	1	7
Minseong Lee (S)	C		National High Magnetic Field Laboratory	MPA-MAG								
Vivien Zapf (S)	C		National High Magnetic Field Laboratory	Physics								
Myung-Hwa Jung (S)	**PI**	*	**Sogang University**	**Physics**	National Research Foundation of Korea	Non US Foundation	2020R1A2C3008044	P20520	Exploring Weyl orbit-driven quantum phenomena in Zn-doped Cd3As2 synthesized via molecular beam epitaxy	Condensed Matter Physics	2	14
Kirstin Alberi (S)	C		National Renewable Energy Laboratory	Materials Science								
Joonyoung Choi (G)	C		Kyungpook National University	Physics								
YounJung Jo (S)	C		Kyungpook National University	Physics								
Sang-Eon Lee (P)	C		National High Magnetic Field Laboratory	Physics								
Hyebin Son (G)	C		Sogang University	Department of Physics								

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Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Radu Coldea (S)	**PI**	*	**University of Oxford**	**Clarendon Laboratory, Department of Physics**	European Research Council	Non US Council	788814	P20523	Exploring the high-field phase diagrams of candidate Kitaev systems	Condensed Matter Physics	2	8.28
Daniel Antoniou (G)	C		University of Oxford	Physics								
Alimamy Bangura (S)	C		National High Magnetic Field Laboratory	CMS								
Ryutaro Okuma (S)	C		University of Tokyo	Quantum Materials Group								
Matthew Pearce (P)	C		University of Oxford	Physics								
Danilo Roberto Ratkovski (O)	C		National High Magnetic Field Laboratory	CMS								
David Larbalestier (S)	**PI**		**National High Magnetic Field Laboratory**	**ASC**	DOE	Office of Science	DE-SC0022011	P20525	REBCO CC High-Field Technology Development Program at ASC	Material Science	2	11.8
Jeseok Bang (P)	C		National High Magnetic Field Laboratory	Applied Superconductivity Center								
Griffin Bradford (O)	C		National High Magnetic Field Laboratory	Applied Superconductivity Center								
Kwangmin Kim (O)	C		National High Magnetic Field Laboratory	Applied Superconductivity Center								
Jonathan Lee (G)	C		National High Magnetic Field Laboratory	Applied Superconductivity Center								
Rastislav Ries (P)	C		Florida State University	ASC								
Gael Grissonnanche (S)	**PI**	*	**Institute Polytechnic De Paris**	**Physics**	Ecole Polytechnique	Non US College and University	ANR grant	P20527	Probing scattering times in quantum materials	Condensed Matter Physics	2	8.5
Patrick Fournier (S)	C		University of Sherbrooke	Physics	Ecole Polytechnique	Non US College and University						
Adrien Gourgout (P)	C		University of Sherbrooke	Physics								
Charles Ioro-Duval (G)	C		University of Sherbrooke	Physics								
Juan Santana Gonzalez (G)	C		ecole polytechnique	Physics								
Louis Taillefer (S)	C		University of Sherbrooke	Physics								
Joseph Checkelsky (S)	**PI**		**Massachusetts Institute of Technology**	**Physics**	DOD	ARO - Army Research Office		P20531	High Field Studies of Superconducting Superlattices	Condensed Matter Physics	7	66.32
Alan Chen (G)	C		Massachusetts Institute of Technology	EECS	NSF	DMR - Division of Materials Research	DMR1231319					
Roei Dery (G)	C		Massachusetts Institute of Technology	Physics								
Chi Ian Ip (G)	C		Massachusetts Institute of Technology	Physics								
Alex Mayo (P)	C		Massachusetts Institute of Technology	Department of Physics								
Paul Neves (G)	C		Massachusetts Institute of Technology	Physics								
Kevin Nuckolls (P)	C		Massachusetts Institute of Technology	Physics								
Joshua Wakefield (G)	C		Massachusetts Institute of Technology	Physics								
Mike Sumption (S)	**PI**		**Ohio State University**	**CSMM, MSE**	DOE	HEP – High Energy Physics	DE-SC0011721	P20532	Magnetization of HTS Cables at High Fields	Development of Magnet Technology	1	3.92
Eun Sang Choi (S)	C		National High Magnetic Field Laboratory	Physics Department								
Milan Majoros (S)	C		Ohio State University	Materials Science and Engineering								
FNU TUSHAR (G)	C		Ohio State University	Material Science and Engineering								
Cory Dean (S)	**PI**		**Columbia University**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC00167703	P20533	Tuning electronic correlations and topology in van der Waals heterostructures under high magnetic fields	Condensed Matter Physics	5	30.36
John Cenker (P)	C		Columbia University	Physics								
Ziyu Liu (P)	C		Columbia University	Physics Department								
Jordan Pack (G)	C		Columbia University	Physics								
Josh Swann (G)	C		Columbia University	Physics								
Birui Yang (G)	C		Columbia University	Physics								
Sergey Suchalkin (S)	**PI**		**State University of New York, Stony Brook**	**Electrical and Computer Engineering**	DOD	ARO - Army Research Office		P20539	Faraday effect in metamorphic InAsSb-based semiconductor structures	Condensed Matter Physics	1	6
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Anton Petruk (G)	C		State University of New York, Stony Brook	Electrical Engineering								
Dmitry Smirnov (S)	C		National High Magnetic Field Laboratory	Instrumentation & Operations								
Mykhaylo Ozerov (S)	**PI**		**National High Magnetic Field Laboratory**	**Condensed Matter Science, DC Field CMS**	No other support			P20547	Magneto-Optical Study Of Spin-Phonon Coupling Effects In Van Der Waals Magnets.	Condensed Matter Physics	2	11.89
Luis Balicas (S)	C		National High Magnetic Field Laboratory	Condensed Matter Experiment								
Vadym Kulichenko (S)	C		National High Magnetic Field Laboratory	Condensed matter science								
Dmitry Smirnov (S)	C		National High Magnetic Field Laboratory	Instrumentation & Operations								
Stephen Winter (S)	C		Wake Forest University	Department of Physics								
Konstantin Bukhryakov (S)	**PI**	*	**Florida International University**	**Chemistry and Biochemistry**	NSF	CHE - Chemistry	CHE2212944	P20604	Advanced EMR Studies of Mononuclear Four-Coordinate Bis-Fluoride Bis-NHC Complexes of Chromium(II), Iron(II), and Cobalt(II)	Chemistry	1	14
Carlos Acosta (G)	C		Florida International University	Chemistry and Biochemistry								
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								
Bumjoon Kim (S)	**PI**	*	**Pohang University of Science and Technology**	**Physics**	Samsung Future Technology Foundation	Non US Foundation	4.0024400.04	P20613	Thermodynamic evidence for spin nematic transition	Condensed Matter Physics	3	21
Alimamy Bangura (S)	C		National High Magnetic Field Laboratory	CMS								
Gwansuk Oh (G)	C		Pohang University of Science and Technology	Department of Physics								
Danilo Roberto Ratkovski (O)	C		National High Magnetic Field Laboratory	CMS								
Badih Assaf (S)	**PI**		**University of Notre Dame**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC0024291	P20616	Probing engineered topological phases at high magnetic fields	Condensed Matter Physics	3	17.34
Muhsin Abdul Karim (G)	C		University of Notre Dame	Physics	NSF	DMR - Division of Materials Research	DMR2313441					
Sara Bey (G)	C		University of Notre Dame	Physics and Astronomy	DOE	BES – Basic Energy Sciences	DE-SC-0024291					
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field / CMS								
Xinyu Liu (S)	C		University of Notre Dame	Department of Physics and Astronomy								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Kota Yoshimura (G)	C		University of Notre Dame	Physics								
Hemamala Karunadasa (S)	**PI**	*	**Stanford University**	**Chemistry**	Brown Investigator Award	Other	1267187–10UAKHZ	P20617	Investigation of Low–Dimensional Magnetism in Halide Perovskite Intergrowths Synthesized by Aqueous Self–Assembly	Chemistry	1	7
Caravaggio Caniglia (G)	C		Stanford University	Chemistry								
Julian Vigil (P)	C		University of California, Berkeley	College of Chemistry								
Clara Zwanziger (G)	C		Stanford University	Chemistry								

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Eun Sang Choi (S)	**PI**	**National High Magnetic Field Laboratory**	**Physics Department**		No other support			P20619	User Instrumentation and Technique Development	Condensed Matter Physics	2	14
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS		NSF	DMR - Division of Materials Research	DMR2128556					
Johnpierre Paglione (S)	**PI**	**University of Maryland, College Park**	**Maryland Quantum Materials Center and Department of Physics**		DOE	BES – Basic Energy Sciences	DESC0019154	P20621	High Magnetic Field Induced Magnetic Order in New Rare-Earth Metals and Unconventional Insulating Phases in Topological Kondo Insulator Candidate	Condensed Matter Physics	1	5.94
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS									
Jarryd Horn (G)	C	University of Maryland, College Park	Physics									
Ram Kumar (P)	C	University of Maryland, College Park	QMC, 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									
Shin-ichi Ohkoshi (S)	**PI**	* **University of Tokyo**	**Chemistry**		Japan Society for the Promotion of Science KAKENHI	Non US Foundation	23KJ0736	P20624	FIRMS measurements on terahertz absorbing materials	Chemistry	1	7
Nicholas Chilton (S)	C	Australian National University	Research School of Chemistry									
Guanping Li (G)	C	University of Tokyo	Chemistry									
Olaf Stefanczyk (S)	C	University of Tokyo	School of Science, Department of Chemistry									
Subhash Thota (S)	**PI**	**Indian Institute of Technology, Guwahati**	**Physics**		No other support			P20626	Probing the Magnetic Phase Transitions in Gd-based Antiferromagnetic Pyrochlores	Condensed Matter Physics	1	6
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department									
Mouli Roy Chowdhury (G)	C	Indian Institute of Technology, Guwahati	Physics									
Duminda Liurukara (S)	**PI**	* **Oak Ridge National Laboratory**	**University of Missouri Research reactor/Chemistry**		NSF	DMR - Division of Materials Research	DMR2219129	P20627	Magnetic Phase Diagram of a Novel Kagome-Strip Lattice: K2Mn3(AsO4)2(OH)2	Condensed Matter Physics	1	7
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department									
Rongying Jin (S)	**PI**	**University of South Carolina**	**Department of Physics and Astronomy**		DOE	MSE - Materials Science and Engineering	DE-SC0024501	P20628	High-field comparative investigation of GeSb2Te4 and MnBi2Te4	Condensed Matter Physics	1	5.63
Daniel Duong (G)	C	University of South Carolina	Department of physics and astronomy									
Abhinna Rajbanshi (G)	C	University of South Carolina	Department of Physics and Astronomy									
Jian Shi (S)	**PI**	* **Rensselaer Polytechnic Institute**	**Materials Science and Engineering**		NSF	DMR - Division of Materials Research	DMR2328906	P20630	Fermi Surfaces of Strained CoSi Nanowire	Condensed Matter Physics	1	4.18
Denis Aglagul (G)	C	Rensselaer Polytechnic Institute	Physics, applied physics, and astronomy									
Zixu Wang (G)	C	Rensselaer Polytechnic Institute	Materials Science and Engineering									
Stephen Holmes (S)	**PI**	* **University of Missouri, St Louis**	**Chemistry and Biochemistry**		NSF	CHE - Chemistry	CHE1800578	P20632	FIRMS Investigations of Low-Coordinate Co(II) Single-Molecule Magnets	Chemistry	**1**	**6**
Xavier Roy (S)	**PI**	**Columbia University**	**Chemistry**		DOE	BES – Basic Energy Sciences	DE-SC0023406	P20634	Tunable Electron Correlations in 2D and Quasi-2D Materials	Condensed Matter Physics	1	8
Michael Ziebel (P)	C	Columbia University	Chemistry and Physics									
Seng Huat Lee (S)	**PI**	**Pennsylvania State University**	**Physics**		NSF	MIP - Materials Innovation Platform	DMR-2039351	P20643	Seeking for Exotic Quantum State in Possible Intrinsic Ferromagnetic Topological Insulator SnMnBi2Te5	Condensed Matter Physics	1	5.72
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS		DOE	BES – Basic Energy Sciences	DE-SC0019068					
Yingdong Guan (G)	C	Pennsylvania State University	Physics Department									
Zhiqiang Mao (S)	C	Pennsylvania State University	Department of Physics									
Kang Wang (S)	**PI**	**University of California, Los Angeles**	**Electrical Engineering**		DOD	ARO - Army Research Office	W911NF20-2-0166	P20644	Searching for Parity Anomaly in Axion Insulator	Condensed Matter Physics	1	7
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department		NSF	Other	1936383					
Yaochen Li (G)	C	University of California, Los Angeles	Electrical and Computer Engineering									
Gang Qiu (S)	C	University of Minnesota, Twin Cities	Electrical and Computer Engineering									
Hung-Yu Yang (P)	C	University of California, Los Angeles	ECE									
Ting-Hsun Yang (G)	C	University of California, Los Angeles	Electric and Computer Engineering									
Thao Tran (S)	**PI**	* **Clemson University**	**Chemistry**		NSF	OIA - Office of Integrative Activities	NSF-OIA-2227933	P20648	Understanding the Spin Dynamics of Eu2+ for Molecular Qubit Design	Chemistry	1	7
Uchenna Chinaegbomkpa (G)	C	Clemson University	Chemistry									
Michal Winiarski (S)	C	Gdansk University of Technology	Faculty of Applied Physics and Mathematics									
Peng Xiong (S)	**PI**	* **Florida State University**	**Physics**		NSF	DMR - Division of Materials Research	DMR1905843	P20660	Spin-Charge Interconversion in Chiral Crystal Tellurium	Condensed Matter Physics	2	19
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS		NSF	DMR - Division of Materials Research	DMR2325147					
Zhenqi Hua (G)	C	Florida State University	Physics									
Daniel Davis (S)	**PI**	* **National High Magnetic Field Laboratory**	**ASC**		DOE	Other	DE-AC02-05CH11231	P20663	High temperature Superconductor Bi-2212 Development Towards Ultra-High-Field Solenoids for Research, Accelerators, & Fusion	Development of Magnet Technology	1	3.83
Griffin Bradford (O)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center									
Eric Hellstrom (S)	C	National High Magnetic Field Laboratory	Applied Superconductivity Center									
Jianyi Jiang (S)	C	National High Magnetic Field Laboratory	ASC									
Youngjae Kim (S)	C	National High Magnetic Field Laboratory	ASC									
David Larbalestier (S)	C	National High Magnetic Field Laboratory	ASC									
Rastislav Ries (P)	C	Florida State University	ASC									
Tengming Shen (S)	C	Fermi National Accelerator Laboratory	Magnet Systems Department									
Ulf Trociewitz (S)	C	National High Magnetic Field Laboratory	ASC									
Tim Murphy (S)	**PI**	**National High Magnetic Field Laboratory**	**DC Field Facility**		No other support			P20671	Testing DCFF magnets, power supplies & instrumentation	Condensed Matter Physics	2	21
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS									
Troy Brumm (T)	C	National High Magnetic Field Laboratory	DC Field									
Scott Maier (O)	C	National High Magnetic Field Laboratory	Instrumentation and Operations									
Clyde Martin (T)	C	National High Magnetic Field Laboratory	DC Instrumentation									
Robert Nowell (T)	C	National High Magnetic Field Laboratory	DC User Support									
Danilo Roberto Ratkovski (O)	C	National High Magnetic Field Laboratory	CMS									
Julia Smith (S)	C	National High Magnetic Field Laboratory	DC Field									
Hadi Mohammadigoushki (S)	**PI**	* **Florida State University**	**Chemical and Biomedical Engineering**		Rare Earth Initiative/gypstack project	Other		P20674	measuring magnetization of steel wires and balls	Engineering	1	7
Mohd Khan (P)	C	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering									

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Madalynn Marshall (S)	**PI**	*	**Kennesaw State University**	**Chemistry and Biochemistry**	Kennesaw State University	US College and University	N/A	**P20676**	Investigate the Magnetic Behavior of the Breathing Spinel AA'Cr4Se8 Family	Chemistry	1	14
Rupali Mangotra (G)	C		Kennesaw State University	Department of Chemistry and Biochemistry								
Lucia Steinke (S)	**PI**	*	**Maybell Quantum Industries**	**N/A**	Maybell Quantum Industries			**P20680**	Low temperature characterization of construction and wiring materials used in commercial dilution refrigerators.	Material Science	1	21
Andrew Woods (S)	C		National High Magnetic Field Laboratory	CMS								
Minhyea Lee (S)	**PI**		**University of Colorado, Boulder**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC0021377	**P20695**	Magnetotransport Properties in Rare-Earth Magnetic Materials	Condensed Matter Physics	2	14
Eun Sang Choi (S)	C		National High Magnetic Field Laboratory	Physics Department								
Elliot Roberts (G)	C		University of Colorado, Boulder	Physics								
Hope Whitelock (G)	C		University of Colorado, Boulder	Physics								
Jie Xing (P)	C		Oak Ridge National Laboratory	Neutron Scattering Division								
David Mandrus (S)	**PI**		**University of Tennessee, Knoxville**	**Materials Science and Engineering**	Gordon and Betty Moore Foundation's EPiQS Initiative	Other	GBMF9069	**P20705**	Hall effect in LuMn6Sn6	Condensed Matter Physics	1	5.64
Luis Balicas (S)	C		National High Magnetic Field Laboratory	Condensed Matter Experiment								
Shirin Mozaffari (P)	C		University of Tennessee, Knoxville	Materials Science and Engineering								
Sara Haravifard (S)	**PI**		**Duke University**	**Department of Physics**	NSF	DMR - Division of Materials Research	DMR2218058	**P20711**	Investigating Physical Properties of Chemically Disordered Quantum Materials as a Function of Magnetic Field and Pressure	Condensed Matter Physics	1	7
Rabindranath Bag (P)	C		Duke University	Physics								
Sudip Chakraborty (P)	C		Duke University	Physics								
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field / CMS								
Zahid Hasan (S)	**PI**		**Princeton University**	**Physics**	Gordon and Betty Moore Foundation	Other	GBMF9461	**P20715**	Electrical and thermal transport of Kagome lattice materials	Condensed Matter Physics	2	14
Luis Balicas (S)	C		National High Magnetic Field Laboratory	Condensed Matter Experiment								
Eun Sang Choi (S)	C		National High Magnetic Field Laboratory	Physics Department								
David Graf (S)	C		National High Magnetic Field Laboratory	DC Field / CMS								
Md Shafayat Hossain (P)	C		Princeton University	Physics								
Michelle Jamer (S)	**PI**		**U.S. Naval Academy**	**Physics**	DOD	ONR - Office of Naval Research		**P20719**	Understanding chiral effects in Fe3Ga4 through magnetoresistance	Condensed Matter Physics	1	14
Don Heiman (S)	C		Northeastern University	Physics								
Arnab Banerjee (S)	**PI**	*	**Purdue University**	**Physics and Astronomy**	DOE	Office of Science	DE-SC0022986	**P20720**	Low-Temperature Heat Capacity and AC Magnetic Susceptibility Measurement on a Geometrically Frustrated Triangular Delafossite	Condensed Matter Physics	1	7
Bishnu Belbase (G)	C		Purdue University	Physics and Astronomy								
Arjun Unnikrishnan (P)	C		Purdue University	Physics and Astronomy								
Ines Wyrsta (S)	**PI**	*	**High Temperature Superconductors Inc.**	**High Temperature Superconductors Inc.**	DOE	ARPA-E - Advanced Research Projects Agency-Energy	DE-AR0001815	**P20722**	Critical current characterization for REBCO coated conductors	Material Science	1	6.17
Fumitake Kametani (P)	C		National High Magnetic Field Laboratory	ASC								
David Larbalestier (S)	C		National High Magnetic Field Laboratory	ASC								
Silvia Rasi (S)	C		High Temperature Superconductors Inc.	R&D								
Aixia Xu (O)	C		Florida State University	ASC								
Dmitry Smirnov (S)	**PI**		**National High Magnetic Field Laboratory**	**Instrumentation & Operations**	DOE	BES – Basic Energy Sciences	DE-FG02-07ER46451	**P20727**	Magneto-Raman Spectroscopy Study of Unconventional Magnetic Phases in 2D Magnetic Lattices	Condensed Matter Physics	3	19.82
Zhigang Jiang (S)	C		Georgia Institute of Technology	School of Physics								
Martin Mourigal (P)	C		Johns Hopkins University	Physics and Astronomy								
Nikolai Simonov (G)	C		Georgia Institute of Technology	School of Physics								
Naipeng Zhang (P)	C		National High Magnetic Field Laboratory	Physics								
Haidong Zhou (S)	C		University of Tennessee, Knoxville	Physics and Astronomy								
Audrey Grockowiak (S)	**PI**		**Leibniz Institute for Solid State and Materials Research Dresden**	**Thermodynamics Team**	ct.qmat	Other	LU 0042023 BB	**P20729**	Pressure induced superconductivity in the quantum spin liquid systems Delafossite	Condensed Matter Physics	1	14
Bernd Buechner (S)	C		Technical University of Dresden	Institute for Solid State Research								
Stanley Tozer (S)	C		National High Magnetic Field Laboratory	Physics								
									Total Proposals:		**Experiments:**	**Days:**
									146		**273**	**2,011.79**

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Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
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								
Michael Shatruk (S)	**PI**	**National High Magnetic Field Laboratory**	**Department of Chemistry and Biochemistry**	NSF	CHE - Chemistry	CHE2300779	P19599	Investigation of Low-Dimensional Magnetism in Inorganic and Organic Materials	Development of Magnet Technology	2	3.5
Ferdous Ara (P)	C	National High Magnetic Field Laboratory	NHMFL	NSF	DMR - Division of Materials Research	DMR2233902					
Shubham Bisht (G)	C	Florida State University	Chemistry and Biochemistry								
Miguel Gakiya (G)	C	Florida State University	Chemistry and Biochemistry								
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics								
Eduardo Hernandez-Requejo (G)	C	Florida State University	Chemistry and Biochemistry								
Jakub Hruby (P)	C	National High Magnetic Field Laboratory	EMR								
Dibya Mondal (P)	C	Florida State University	Chemistry and Biochemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Robert Stewart (G)	C	Florida State University	Physics								
Sandugash Yergeshbayeva (G)	C	Florida State University	Chemistry and Biochemistry								
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	8.5
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								
Pagnareach Tin (G)	C	University of Tennessee, Knoxville	Chemistry								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Michael Shatruk (S)	**PI**	**National High Magnetic Field Laboratory**	**Department of Chemistry and Biochemistry**	DOE	BES – Basic Energy Sciences	DESC0019330	P19737	Investigation of Magnetic Properties of Liquid-Exfoliated 2D Materials	Development of Magnet Technology	2	7
Ferdous Ara (P)	C	National High Magnetic Field Laboratory	NHMFL								
Shubham Bisht (G)	C	Florida State University	Chemistry and Biochemistry								
Ian Campbell (G)	C	Florida State University	Chemistry and Biochemistry								
Judith Clark (G)	C	Florida State University	Chemistry and Biochemistry								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Govind Sasi Kumar (G)	C	Florida State University	Chemistry and Biochemistry								
Martin Bakker (S)	**PI**	**University of Alabama, Tuscaloosa**	**Chemistry and Biochemistry**	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2050507	P19771	High Field EPR of Transition Metal Phthalocyanines for Oxidation Reactions	Chemistry	1	5
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Sebastian Stoian (S)	PI	University of Idaho	Chemistry	University of Idaho	US College and University		P19784	Elucidating the Electronic Structure and Magnetic Ordering of Extended Chains Incorporating Co(II) and Fe(II) Ions	Chemistry	2	2.5
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR	American Chemical Society PRF	US Foundation	62278-DNI3					
Kyle Seabourn (G)	C	University of Idaho	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 VeryHigh Frequency Electron Paramagnetic Resonance Study	Condensed Matter Physics	4	24
Lovia Ofori (G)	C	University of Texas, El Paso	Physics								
Cedomir Petrovic (S)	C	Shanghai Advanced Research in Physical Sciences	none								
Fazel Tafti (S)	C	Boston College	Physics								
Nathan Tolva (U)	C	Boston College	Physics								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Martin Kirk (S)	**PI** *	**University of New Mexico**	**Department of Chemistry**	DOE	BES – Basic Energy Sciences	DE-SC0020199	P19926	Magneto-photoluminescence and Magneto-vibrational Studies of Exchange-Coupled Systems	Chemistry	1	10
Joshua Mengel (G)	C	University of New Mexico	Chemistry and Chemical Biology								
David Shultz (S)	C	North Carolina State University	Chemistry								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Sergei Zvyagin (S)	**PI**	**Helmholtz Zentrum Dresden-Rossendorf**	**Dresden High Magnetic Field Laboratory**	Deutsche Forschungsgemeinschaft	Other Non US Federal Agency		P20035	Frustration and competing interactions in quantum antiferromagnets	Condensed Matter Physics	1	5
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Joachim Wosnitza (S)	C	Helmholtz Zentrum Dresden-Rossendorf	Dresden High Magnetic Field Laboratory (HLD)								
Robert Griffin (S)	**PI**	**Massachusetts Institute of Technology**	**Chemistry**	NIH	NIGMS - National Institute of General Medical Sciences	GM132997	P20068	High field pulsed DNP	Chemistry	1	1
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR								
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics								
Yifu Ouyang (G)	C	Massachusetts Institute of Technology	Chemistry								
Yifan Quan (G)	C	Paul Scherrer Institute	LDM								
Yifan Quan (P)	C	Massachusetts Institute of Technology	Francis Bitter Magnet Laboratory								
Natia Frank (S)	**PI**	**University of Nevada Reno**	**Chemistry**	NSF	CHE - Chemistry	CHE1956301	P20070	EPR Investigation of Optically Gated Spin State Switching in Photochromic Cobalt Dioxolenes for Quantum Information Science	Chemistry	1	8
Anitha Alanthadka (P)	C	University of Nevada Reno	Department of Chemistry								
Subrata Ghosh (P)	C	University of Nevada Reno	Chemistry								
Brittany Grimm (G)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Michael Jensen (S)	**PI**	**Ohio University**	**Chemistry & Biochemistry**	No other support			P20071	High-Frequency and -Field EPR Spectroscopy of High-Spin, Pseudo-tetrahedral Nickel(II)–Phenylchalcogenide Complexes	Biology, Biochemistry, Biophysics	1	1
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Javad Shokraiyan (G)	C	Ohio University	Chemistry and Biochemistry								
Joshua Telser (S)	C	Roosevelt University	Biological, Physical and Health Sciences								

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Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Daniel Mindiola (S)	**PI**	**University of Pennsylvania**	**Chemistry**	NSF	CHE - Chemistry	CHE0848248	P20072	Applying High-Frequency and -Field EPR Spectroscopy of High-Spin First Row Transition Metal Ions that Hold Relevance as Catalysts for Cyclic Polymers	Chemistry	1	5
MRINAL BHUNIA (P)	C	University of Pennsylvania	Chemistry	NSF	CHE - Chemistry	CHE1152123					
Matthew Mena (G)	C	University of Pennsylvania	Chemistry								
Jacob Mohar (G)	C	University of Pennsylvania	Chemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Joshua Telser (S)	C	Roosevelt University	Biological, Physical and Health Sciences								
Xiaoling Wang (S)	**PI**	**California State University, East Bay**	**Chemistry**	Laboratory Directed Research and Development Program of Oak Ridge National Laboratory	US Government Lab		P20077	Investigation of Magnetic Properties of Quantum Spin Ice Candidates using High Field EPR	Condensed Matter Physics	2	22
Jhersie Cabigting (U)	C	California State University, East Bay	Chemistry/Biochemistry								
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Brenden Ortiz (S)	C	Oak Ridge National Laboratory	Material Science and Technology Division								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Michael Rose (S)	**PI**	**University of Texas, Austin**	**Chemistry**	NSF	CHE - Chemistry	CHE2109175	P20117	Frequency- and Field-Domain Magnetic Resonance Investigation of Bismuth-Ligated Co(I) Complexes	Chemistry	1	1
Brenna Cashman (P)	C	University of Texas, Austin	Chemistry								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Ranajit Mondol (P)	C	University of Texas, Austin	Chemistry								
Joshua Telser (S)	C	Roosevelt University	Biological, Physical and Health Sciences								
Johan van Tol (S)	**PI**	**National High Magnetic Field Laboratory**	**EMR**	No other support			P20140	Maintenance and testing	Condensed Matter Physics	2	9
George Christou (S)	**PI**	**University of Florida**	**Chemistry**	DOE	BES – Basic Energy Sciences	DE-SC0019330	P20172	EPR Investigation of 3d Transition Metal Complexes as Molecular Qubits	Chemistry	2	14
Ferdous Ara (P)	C	National High Magnetic Field Laboratory	NHMFL								
ChristiAnna Brantley (P)	C	University of Florida	Chemistry								
Wei-Hao Chou (G)	C	Florida State University	Physics								
Alexander Diodati (G)	C	University of Florida	Chemistry								
Ethan Fisher (G)	C	University of Florida	Chemistry								
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Robert Stewart (G)	C	Florida State University	Physics								
William Evans (S)	**PI**	**University of California, Irvine**	**Department of Chemistry**	No other support			P20194	Investigation of clock transitions in lanthanide-based molecular qubits	Chemistry	4	20.5
Lauren Anderson-Sanchez (G)	C	University of California, Irvine	Department of Chemistry								
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Jakub Hruby (P)	C	National High Magnetic Field Laboratory	EMR								
Krishnendu Kundu (P)	C	National High Magnetic Field Laboratory	EMR								
Joshua Queen (P)	C	University of California, Irvine	Department of Chemistry								
Danna Freedman (S)	**PI**	**Northwestern University**	**Chemistry**	DOE	BES – Basic Energy Sciences	DE-SC0019356	P20197	Developing the next generation of optically addressable molecular qubits	Chemistry	3	14
Rianna Greer (G)	C	Massachusetts Institute of Technology	Chemistry								
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Dane Johnson (G)	C	Massachusetts Institute of Technology	Chemistry								
Kavipriya Thangavel (P)	C	Florida State University	Physics								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Agnes Yi (G)	C	Massachusetts Institute of Technology	chemistry								
Aaron Sadow (S)	**PI**	**Iowa State University**	**Chemistry**	DOE	BES – Basic Energy Sciences	DE-AC02-07CH11358	P20206	EPR spectroscopy of gadolinium homoleptic organometallics	Chemistry	1	2
Sergey Bud'ko (S)	C	Ames Laboratory	Physics and Astronomy								
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR								
Aaron Rossini (S)	C	Iowa State University	Chemistry								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Andreas Danopoulos (S)	**PI**	**National and Kapodistrian University of Athens**	**Chemistry**	National and Kapodistrain University of Athens	Non US College and University		P20208	Zero-field splitting in mononuclear 3-coordinate S = 2 Cr(II) and oligonuclear lower oxidation state chromium complexes, probed by HFEPR	Chemistry	1	3
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Panayotis Kyritsis (S)	C	National and Kapodistrian University of Athens	Chemistry								
Selvan Demir (S)	**PI**	**Michigan State University**	**Department of Chemistry**	No other support			P20218	Magnetic Properties of Radical-Bridged Lanthanide Complexes	Chemistry	4	19
Florian Benner (G)	C	Michigan State University	Department of Chemistry								
Saroshan Deshapriya (G)	C	Michigan State University	Chemistry								
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Jakub Hruby (P)	C	National High Magnetic Field Laboratory	EMR								
Juraj Cernak (S)	**PI**	* **Safarik University**	**Department of Inorganic Chemistry of the Institute of Chemistry**	Ministry of Education, Science, Research and Sport of the Slovak Republic	Non US Ministry	APVV-18-0016	P20220	FIRMS and HFEPR methods for study of penta-coordinated Ni(II) complexes	Chemistry	1	2
Roman Boca (S)	C	Slovak University of Technology in Bratislava	Inorganic 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								
Richard Smolko (G)	C	Safarik University	Department of Inorganic Chemistry of the Institute of Chemistry								

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Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Lloyd Lumata (S)	**PI**	**University of Texas, Dallas**	**Physics**	DOD	CDMRP - Congressionally Directed Medical Research Programs	HT9425-23-1-0062	P20245	EPR and Hyperpolarization studies of Potential DNP Polarizing Agents TEMPO-loaded Q-beta and TMV Viral Shells	Biology, Biochemistry, Biophysics	1	1.5
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR								
Jenica Lumata (P)	C	National High Magnetic Field Laboratory	NMR/CIMAR								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Linda Doerrer (S)	**PI**	**Boston University**	**Chemistry Department**	NSF	CHE - Chemistry	CHE1800313	P20278	Dimeric {MnIII2(μ2-CO3)} Compound, Mixed-valent {Mn6} Cluster and Related MnIV Species	Chemistry	5	9
Jessica Elinburg (G)	C	Boston University	Chemistry								
Shawn Moore (G)	C	Boston University	Chemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Léa Toubiana (G)	C	Boston University	Department of Chemistry								
Mary Ellen Zvanut (S)	**PI**	**University of Alabama, Birmingham**	**Physics**	No other support			P20280	Field Dependence of Electron Spin Lattice Relaxation in Spin Qubit Candidates	Condensed Matter Physics	1	5
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Kirill Kovnir (S)	**PI**	**Iowa State University**	**Chemistry**	NSF	DMR - Division of Materials Research	DMR2003783	P20296	EPR investigation of the metastable 3d transition metal layered compounds	Chemistry	1	3
Yao Abusa (G)	C	Iowa State University	Chemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Michael Shatruk (S)	**PI**	**National High Magnetic Field Laboratory**	**Department of Chemistry and Biochemistry**	NSF	CHE - Chemistry	CHE2300779	P20300	Crystal Structure of Valence Tautomeric Cobalt Complex in High Magnetic Fields	Material Science	3	15
Ferdous Ara (P)	C	National High Magnetic Field Laboratory	NHMFL	DOE	EFRC - Energy Frontier Research Centers	DESC0019330					
Shubham Bisht (G)	C	Florida State University	Chemistry and Biochemistry								
Miguel Gakiya (G)	C	Florida State University	Chemistry and Biochemistry								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Dibya Mondal (P)	C	Florida State University	Chemistry and Biochemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Thierry Dubroca (S)	**PI**	**National High Magnetic Field Laboratory**	**EMR**	NSF	DMR - Division of Materials Research	DMR2128556	P20301	Hardware development, upgrades and maintenance of Electron Magnetic Resonance spectrometers	Engineering	10	171
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics	NSF	DMR - Division of Materials Research	DMR1644779					
Kavipriya Thangavel (P)	C	Florida State University	Physics								
Bianca Trociewitz (O)	C	National High Magnetic Field Laboratory	EMR								
E. Carolina Sañudo (S)	**PI**	**University of Barcelona**	**Inorganic and Organic Chemistry**	No other support			P20305	Phase-Memory Time of Large Area Arrays of Qubits	Material Science	3	24
Guillem Gabarró-Riera (G)	C	University of Barcelona	Inorganic and Organic Chemistry department. Inorganic Chemistry Section.								
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Jakub Hruby (P)	C	National High Magnetic Field Laboratory	EMR								
P. Chris Hammel (S)	**PI**	**Ohio State University**	**Physics**	No other support			P20308	High Frequency Electron Magnetic Resonance of Two-Dimensional van der Waals Magnets	Condensed Matter Physics	1	14
Inhee Lee (S)	C	Ohio State University	Physics								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Geoffrey Strouse (S)	**PI**	**National High Magnetic Field Laboratory**	**Chemistry**	NSF	DMR - Division of Materials Research	DMR1905757	P20318	Multinuclear solid-state NMR investigation of plasmonic andphotoluminsecent nanocrystals	Chemistry	2	26
Catherine Fabiano (G)	C	Florida State University	Chemistry								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Raul Ortega (G)	C	Florida State University	Chemistry & Biochemistry								
Ali Pazoki (G)	C	Florida State University	Chemistry								
Austin Peach (P)	C	French National Center for Scientific Research	D1 - Materials Chemistry								
Dianna Pledger (U)	C	Florida State University	Chemistry and Biochemistry								
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								
Sanjna Sukumaran (G)	C	Rice University	Materials Science and NanoEngineering								
Suheon Lee (P)	**PI**	**IBS Center for Artificial Low Dimensional Electronic Systems**	**Center for Artificial Low Dimensional Electronic Systems**	Institute for Basic Science, Republic of Korea	Non US Government Lab		P20330	ESR study of the nodal-line semiconductor Mn3Si2Te6	Condensed Matter Physics	2	24
Jun Sung Kim (S)	C	Pohang University of Science and Technology	Physics	Institute for Basic Science, Republic of Korea	Non US Government Lab						
Wonjun Lee (S)	C	IBS Center for Artificial Low Dimensional Electronic Systems	Center for Artifical Low Dimensional Electronic Systems								
Choongjae Won (P)	C	Pohang University of Science and Technology	Physics								
Grace Morgan (S)	**PI**	**University College Dublin**	**School of Chemistry and Chemical Biology**	No other support			P20360	High Field EPR Analysis of Redox and Spin State in Spin Crossover Complexes	Chemistry	2	6
Francesca Adami (G)	C	University College Dublin	School of Chemistry	NSF	DMR - Division of Materials Research	DMR1644779					
Emmelyne Cuza (P)	C	University College Dublin	Chemistry								
Brittany Grimm (G)	C	Florida State University	Physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Zoi Lada (P)	C	University College Dublin	School of Chemistry								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Thierry Dubroca (S)	**PI**	**National High Magnetic Field Laboratory**	**EMR**	No other support			P20379	Performance improvement of high-resolution THz EPR spectrometer based on the series-connected hybrid	Development of Magnet Technology	4	16
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Bianca Trociewitz (O)	C	National High Magnetic Field Laboratory	EMR								

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Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Henry La Pierre (S)	**PI**	**Georgia Institute of Technology**	**School of Chemistry and Biochemistry**	DOE	BES – Basic Energy Sciences	DE-SC0023455	P20424	Measuring and Tuning the Effects of Crystal Field and Vibrational Degrees of Freedom onthe Static and Dynamic Properties of Lanthanide and Actinide Molecular Nanomagnets	Chemistry	3	3
Maximilian Bernbeck (P)	C	Georgia Institute of Technology	Chemistry								
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR								
Kavipriya Thangavel (P)	C	Florida State University	Physics								
Grant Wilkinson (G)	C	Georgia Institute of Technology	School of Chemistry								
Tomas Orlando (S)	**PI**	**National High Magnetic Field Laboratory**	**Electron Magnetic Resonance**	No other support			P20433	Characterization of EPR properties of organic radicals in liquids at high frequencies	Chemistry	8	38
Huyen Bui (U)	C	Florida State University	EMR	UCGP		5218					
Jhersie Cabigting (U)	C	California State University, East Bay	Chemistry/Biochemistry	Florida State University	US College and University						
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR	Florida State University	US College and University	CRC Seed Grant					
Angeliki Giannoulis (S)	C	Weizmann Institute of Science	Chemical and biological physics								
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Natalie Ibbetson (U)	C	California State University, East Bay	Chemistry								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Hui Xiong (S)	**PI**	**Boise State University**	**Materials Science and Engineering**	DOE	ASCR - Advanced Scientific Computing Research	DE-SC0019121	P20451	Understanding the synergy of anion and transition metal redox in in P2-type cathodes for sodium-ion batteries using EPR spectroscopy.	Material Science	2	8
Dewen Hou (P)	C	Boise State University	Department of Materials Science and Engineering								
Yan-Yan Hu (S)	C	Florida State University	Chemistry & Biochemistry								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Ifeoluwa Oyekunle (G)	C	Florida State University	Chemistry								
Erica Truong (G)	C	Florida State University	Chemistry and Biochemistry								
Claudia Avalos (S)	**PI**	**New York University**	**Chemistry**	New York University	US College and University		P20459	Optically induced spin polarization in strongly-coupled chromophore-radical systems studied via transient electron magnetic resonance	Chemistry	1	5
Martin Kirk (S)	C	University of New Mexico	Department of Chemistry								
David Shultz (S)	C	North Carolina State University	Chemistry								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Wen Zhu (S)	**PI** *	**Florida State University**	**Chemistry and Biochemistry**	NSF	CHE - Chemistry	CHE2320338	P20508	Dissecting the Reaction Mechanism of Radical SAM Enzymes	Biology, Biochemistry, Biophysics	1	7
Lilly Cheek (G)	C	Florida State University	Chemistry and Biochemistry								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Snorri Sigurdsson (S)	**PI** *	**University of Iceland**	**Chemistry**	NIH	NIGMS - National Institute of General Medical Sciences	GM148766	P20530	Improving biradicals for MAS-DNP at high field:a combined approach of Spin-Dynamics theory, DFT and high-field EPR	Biology, Biochemistry, Biophysics	3	6.5
Satyaki Chatterjee (G)	C	University of Iceland	Department of Chemistry	Icelandic Research Funds	Other	239662					
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR	European Union's Horizon 2020 research and innovation programme	Other	101008500					
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Sungsool Wi (S)	**PI**	**National High Magnetic Field Laboratory**	**NMR**	NSF	CHE - Chemistry	CHE2203405	P20552	Development of Novel NMR Techniques for Studies at High Magnetic Fields and under Fast Magic-Angle Spinning: Utilization of 1H-detection and Natural 13C Abundance	Biology, Biochemistry, Biophysics	1	2
Lucio Frydman (S)	C	National High Magnetic Field Laboratory	NMR								
Mariya Zhuravleva (S)	**PI**	**University of Tennessee, Knoxville**	**Materials Science and Engineering**	NSF	DMR - Division of Materials Research	DMR1846935	P20554	Investigation of paramagnetic centers and their contribution to scintillation mechanism in cutting-edge scintillators	Material Science	1	2
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Yauhen Tratsiak (P)	C	University of Tennessee, Knoxville	Scintillation Materials Research Center								
Andrew Ozarowski (S)	**PI**	**National High Magnetic Field Laboratory**	**EMR**	No other support			P20555	Calibration And Maintenance Of The 15/17 T Epr Instrument	Development of Magnet Technology	2	79
Robert Stanton (S)	C	National High Magnetic Field Laboratory	MS&T - Resistive Magnets								
Aaron Rossini (S)	**PI**	**Iowa State University**	**Chemistry**	DOE	BES – Basic Energy Sciences	Internal Ames Lab Funding	P20568	Dynamic Nuclear Polarization and EPR of ?-Irradiated Solids	Biology, Biochemistry, Biophysics	4	27
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR								
Lamahewage Sujeewa Lamahewage (G)	C	Iowa State University	Chemistry								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Hadi Mohammadigoushki (S)	**PI** *	**Florida State University**	**Chemical and Biomedical Engineering**	Rare Earth Initiative/gypstack project	Other		P20600	Dynamics and characterization of cluster formation via inhomogeneous NMR spectroscopy	Engineering	1	1
Aidan Lowery (G)	C	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
Theo Siegrist (S)	C	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Konstantin Bukhryakov (S)	**PI** *	**Florida International University**	**Chemistry and Biochemistry**	NSF	CHE - Chemistry	CHE2212944	P20604	Advanced EMR Studies of Mononuclear Four-Coordinate Bis-Fluoride Bis-NHC Complexes of Chromium(II), Iron(II), and Cobalt(II)	Chemistry	3	9.5
Carlos Acosta (G)	C	Florida International University	Chemistry and Biochemistry								
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								
Thao Tran (S)	**PI** *	**Clemson University**	**Chemistry**	NSF	OIA - Office of Integrative Activities	NSF-OIA-2227933	P20648	Understanding the Spin Dynamics of Eu2+ for Molecular Qubit Design	Chemistry	1	2
Uchenna Chinaegbomkpa (G)	C	Clemson University	Chemistry								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
En-Che Yang (S)	**PI**	**Fu-Jen Catholic University**	**Chemistry**	UCGP			P20650	Accurate measurement of spin parameters of single-ion magnets by FIRMS and HFEPR	Chemistry	1	1
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								

2024 MagLab User Proposals

2024 EMR

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Abhijit Biswas (S)	**PI**	*	**Rice University**	**Materials Science and Nanoengineering**	No other support			P20662	Investigation of defects in h-BN thin films as a source of quantum emitters	Condensed Matter Physics	5	20.5
Pulickel Ajayan (S)	C		Rice University	Materials Science and Nano Engineering								
Arka Chatterjee (G)	C		Rice University	2Department of Electrical and Computer Engineering								
Manoj Vinayaka Hanabe Subramanya (P)	C		Florida State University	Physics								
Stephen Hill (S)	C		National High Magnetic Field Laboratory	EMR								
Jakub Hruby (P)	C		National High Magnetic Field Laboratory	EMR								
Jiaming Luo (G)	C		Rice University	Materials Science and NanoEngineering								
Quang Nguyen (G)	C		Florida State University	EMR								
Johan van Tol (S)	C		National High Magnetic Field Laboratory	EMR								
Hanyu Zhu (S)	C		Rice University	Materials Science and NanoEngineering								
Kasper Pedersen (S)	**PI**	*	**Technical University of Denmark**	**Department of Chemistry**	No other support			P20666	A Triangular Eu(II)–Organic Tessellation for Ultra-Low Temperature Refrigeration	Chemistry	1	1
Maja Dunstan (P)	C		Technical University of Denmark	Department of Chemistry								
Stephen Hill (S)	C		National High Magnetic Field Laboratory	EMR								
Jakub Hruby (P)	C		National High Magnetic Field Laboratory	EMR								
Anna Manvell (G)	C		Technical University of Denmark	Department of Chemistry								
Jeffrey Long (S)	**PI**		**University of California, Berkeley**	**Chemistry**	No other support			P20690	Hard Permanent Magnetism from Mixed-Valence Dilanthanide Complexes with Metal-Metal Bonding	Biology, Biochemistry, Biophysics	2	6
Audrey Bartlett (G)	C		Massachusetts Institute of Technology	Chemistry								
Eun Sang Choi (S)	C		National High Magnetic Field Laboratory	Physics Department								
Neil Harrison (S)	C		National High Magnetic Field Laboratory	Physics								
Jakub Hruby (P)	C		National High Magnetic Field Laboratory	EMR								
Emi Ito (O)	C		University of California, Berkeley	Chemistry								
Hyunchul Kwon (G)	C		University of California, Berkeley	Chemistry								
Danh Ngo (G)	C		University of California, Berkeley	Chemistry								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Stanley Tozer (S)	C		National High Magnetic Field Laboratory	Physics								
Ziling Xue (S)	**PI**		**University of Tennessee, Knoxville**	**Chemistry**	NSF	CHE - Chemistry	CHE2349345	P20696	Studies of Molecular Quantum Materials by Magneto-Spectroscopies	Chemistry	3	6
Adiat Fakolujo (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								
Amanpreet Mahmi (G)	C		University of Tennessee, Knoxville	Chemistry								
Mykhaylo Ozerov (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Brandon Sanders (G)	C		University of Tennessee, Knoxville	Chemistry								
Dmitry Semenov (T)	C		National High Magnetic Field Laboratory	DC Field								
Johan van Tol (S)	C		National High Magnetic Field Laboratory	EMR								
Igor Alabugin (S)	**PI**	*	**Florida State University**	**Department of Chemistry & Biochemistry**	NSF	CHE - Chemistry	CHE2102579	P20726	Synthesis and Characterization of Polyaromatic Diradicals with Tunable Electronic and Spin Properties	Chemistry	1	6
Frederic Mentink (S)	C		National High Magnetic Field Laboratory	CIMAR								
Tomas Orlando (S)	C		National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Michael Shatruk (S)	C		National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry								
Nicholas Chilton (S)	**PI**		**Australian National University**	**Research School of Chemistry**	Australian National University	Non US College and University		P20733	Narrow linewidth Gd(III) spin labels	Chemistry	1	5
Thierry Dubroca (S)	C		National High Magnetic Field Laboratory	EMR								
Jurek Krzystek (S)	C		National High Magnetic Field Laboratory	Condensed Matter Science								
David Parker (S)	C		University of Durham	Chemistry								
Thomas Gunnoe (S)	**PI**	*	**University of Virginia**	**Chemistry**	DOE	BES – Basic Energy Sciences	DE-SC00234430	P20734	EPR Spectroscopy to Characterize 1st Row Transition Metal Complexes	Chemistry	1	7
Tomas Orlando (S)	C		National High Magnetic Field Laboratory	Electron Magnetic Resonance								
David Herbert (S)	**PI**		**University of Manitoba**	**Department of Chemistry**	Natural Sciences and Engineering Research Council of Canada	Other Non US Federal Agency	RGPIN-04501-2022	P20747	High-Frequency / -Field EPR and FIRMS Spectroscopy of Structurally Distorted High-Spin Fe(II) Complexes and High-/Low-Spin Fe(III) Complexes of Methylated Pincer-Type Amido Ligands With Complicated Electronic Structures	Chemistry	1	5
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								
Baldeep Sidhu (G)	C		University of Manitoba	Chemistry								
Joshua Telser (S)	C		Roosevelt University	Biological, Physical and Health Sciences								
									Total Proposals:		**Experiments:**	**Days:**
									57		**124**	**751**

2024 MagLab User Proposals

2024 HBT

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Long Ju (S)	**PI**	**Massachusetts Institute of Technology**	**Physics**	NSF	DMR - Division of Materials Research	DMR1231319	P19811	Study of Electron Correlation in 2D Moire Superlattices	Condensed Matter Physics	2	106
Rasul Gazizulin (S)	C	University of Florida	Physics	NSF	DMR - Division of Materials Research	DMR2225925					
Tianyi Han (P)	C	Massachusetts Institute of Technology	Physics								
Tonghang Han (G)	C	Massachusetts Institute of Technology	Physics								
Gregory Labbe (O)	C	University of Florida	Physics								
Zhengguang Lu (P)	C	Massachusetts Institute of Technology	Physics								
Mark Meisel (S)	C	University of Florida	Department of Physics								
Chris Ollmann (T)	C	University of Florida	High B/T								
Nicolas Silva (P)	C	University of Florida	High B/T								
Dominique Laroche (S)	**PI**	**University of Florida**	**Physics**	UCGP			P20507	Coulomb drag of spin-polarized Luttinger liquids at ultra-lowtemperatures - continuation of NHMFL-UCGP due to pandemic	Biology, Biochemistry, Biophysics	2	129
Sadhvikas Addamane (S)	C	Sandia National Laboratories	Center for Integrated Nanotechnologies (CINT)	No other support							
Alexander Donald (G)	C	University of Florida	Physics								
Rasul Gazizulin (S)	C	University of Florida	Physics								
Guillaume Gervais (S)	C	McGill University	Physics department								
Chao Huan (P)	C	University of Florida	Physics								
Gregory Labbe (O)	C	University of Florida	Physics								
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics								
Chris Ollmann (T)	C	University of Florida	High B/T								
Nicolas Silva (P)	C	University of Florida	High B/T								
Mingyang Zheng (G)	C	University of Florida	Physics Department								
Allen Scheie (S)	**PI**	* **Los Alamos National Laboratory**	**MPA-Q**	DOE	Office of Science	DE-SC0000000	P20517	Quantum spin liquid phase in rare-earth triangular lattice antiferromagnets	Condensed Matter Physics	1	167.5
Chao Huan (P)	C	University of Florida	Physics								
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics								
Chris Ollmann (T)	C	University of Florida	High B/T								
Nicolas Silva (P)	C	University of Florida	High B/T								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Zahid Hasan (S)	**PI**	* **Princeton University**	**Physics**	Gordon and Betty Moore Foundation	Other	GBMF4547	P20560	Superconductivity in topological materials	Condensed Matter Physics	1	163.5
Md Shafayat Hossain (P)	C	Princeton University	Physics								
Chao Huan (P)	C	University of Florida	Physics								
Mark Meisel (S)	C	University of Florida	Department of Physics								
Nicolas Silva (P)	C	University of Florida	High B/T								
Rasul Gazizulin (S)	**PI**	* **University of Florida**	**Physics**	UCGP			P20605	Enhancing the Temperature Range of the Cryogen-free Dilution Cryostat at High B/T Facility: Assessing the Viability of Copper Powder Demagnetization Technique	Condensed Matter Physics	1	52
Alexander Donald (G)	C	University of Florida	Physics								
Chao Huan (P)	C	University of Florida	Physics								
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics								
Mark Meisel (S)	C	University of Florida	Department of Physics								
Chris Ollmann (T)	C	University of Florida	High B/T								
Nicolas Silva (P)	C	University of Florida	High B/T								
Andrew Woods (S)	C	National High Magnetic Field Laboratory	CMS								
Jun Zhu (S)	**PI**	* **Pennsylvania State University**	**Physics**	DOE	BETO - Bioenergy Technologies Office	SC0022947	P20654	Probing the physics of anyons and non-Abelians in ultra-high quality bilayer graphene devices	Condensed Matter Physics	1	20
Rasul Gazizulin (S)	C	University of Florida	Physics								
Chengqi Guo (G)	C	Pennsylvania State University	Physics								
Ke Huang (G)	C	Stanford University	Applied Physics								
Mark Meisel (S)	C	University of Florida	Department of Physics								
Chris Ollmann (T)	C	University of Florida	High B/T								
Nicolas Silva (P)	C	University of Florida	High B/T								

Total Proposals:	**Experiments:**	**Days:**
6	**8**	**638**

2024 MagLab User Proposals

2024 ICR

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Rene Boiteau (S)	**PI**	**University of Minnesota, Twin Cities**	**Chemistry**		UCGP			P19547	Deciphering the sources of trace element binding organic ligands in coastal sediments.	Chemistry	1	1.33
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR		NSF	OCE - Ocean Sciences	OCE1829761					
Peter Chace (G)	C	Oregon State University	College of Earth, Ocean and Atmospheric Science		Manchester-Liverpool Earth Atmosphere and Ocean Doctoral Training Program		EAO DTP; NE/L002469/1					
Nicole Coffey (G)	C	University of Delaware	School of Marine Science and Policy		NERC-funded GOAM project		NE/P01304X/1					
Christian Dewey (P)	C	Oregon State University	CEOAS		NERC Exploring the Frontiers Award		NE/X010813/1					
Ilana Farrell (G)	C	Oregon State University	College of Earth, Ocean, Atmospheric Sciences									
Angela Knapp (S)	C	Florida State University	Earth, Ocean and Atmospheric Sciences									
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									
Ryan Rodgers (S)	**PI**	**National High Magnetic Field Laboratory**	**ICR**		Graduate School for Research XL-Chem		ANR-18EURE-0020	P19648	Biofuels derived from Algae and Wood / Plastic Pyrolysis	Chemistry	2	15.33
Carlos Afonso (S)	C	Normandy University	Chemistry		University of Rouen Normandy		ERDF, HN0001343					
Brice Bouyssiere (S)	C	University of Pau and the Adour Region	IPREM		Labex SynOrg		ANR-11- LABX-					
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance		Carnot Institute I2C							
David Dayton (T)	C	Research Triangle Institute International	Biofuels		European Union's Horizon 2020 Research Infrastructures Program		731077					
Pierre Giusti (S)	C	TotalEnergies	OneTech DPP		iC2MC grant (IPA-5923)	Non US College and University						
Julien Maillard (G)	C	Versailles Saint-Quentin-en-Yvelines University	LATMOS									
Caroline Mangote (S)	C	TotalEnergies	Research & Technology									
Charlotte Mase (G)	C	University of Rouen	Seine maritime									
Sung Kim (S)	**PI**	* **Howard University**	**Chemistry**		NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI139861	P19670	Differential carbohydrate utilization for lipid biosynthesis in the diapausing mosquito	Chemistry	2	3.5
Cheolho Sim (S)	C	Baylor University	Biology									
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR									
Jens Blotevogel (S)	**PI**	**Commonwealth Scientific and Industrial Research Organization**	**Environment**		DOD	ER - Environmental Research Program	ER21_3550	P19867	High-Field 21 Tesla FT-ICR Mass Spectrometry for Forensic Identification of PFASs	Engineering	5	22
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR		DOD	ER - Environmental Research Program	ER21-SO-3550 - CY21					
William Bahureksa (P)	C	New Mexico State University, Main Campus	Chemistry		DOD	ER - Environmental Research Program	ER20-1265					
Greg Blakney (S)	C	National High Magnetic Field Laboratory	ICR		DOD	ER - Environmental Research Program	ER-2718					
Thomas Borch (S)	C	Colorado State University	Soil and Crop Science									
Chris Hendrickson (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program									
Christopher Higgins (S)	C	Colorado School of Mines	Civil and Environmental Enginnering									
John Kornuc (S)	C	U.S. Naval Research Laboratory	Emerging contaminants, site characterization									
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR									
Nasim Pica (P)	C	Colorado State University	Environmental engineering									
Holly Roth (G)	C	Colorado State University	Chemistry									
Hamidreza Sharifan (P)	C	Colorado State University	Civil and Environmental Engineering									
Robert Young (S)	C	Commonwealth Scientific and Industrial Research Organization	CSIRO Environment									
Alan Marshall (S)	**PI**	**National High Magnetic Field Laboratory**	**ICR**		No other support			P20024	Molecular Characterization of Dissolved Organic Material in Non-terrestrial Samples	Chemistry	1	1
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance									
Joseph Frye-Jones (P)	C	Woods Hole Oceanographic Institution	Marine Chemistry and Geochemistry									
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR									
Brice Bouyssiere (S)	**PI**	**University of Pau and the Adour Region**	**IPREM**		International Humic Substances Society	Other		P20108	Tracing lead species in peat samples from the French Pyrenees as a function of depth using SEC-ICP-MS and FT ICR-MS	Biology, Biochemistry, Biophysics	1	4.33
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance		Université de Pay et des Pays de l'Adour	Other						
Joseph Frye-Jones (P)	C	Woods Hole Oceanographic Institution	Marine Chemistry and Geochemistry									
Deisy Giraldo Davila (G)	C	University of Pau and the Adour Region	Chemistry									
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR									
Bradley Tolar (S)	**PI**	**University of North Carolina, Wilmington**	**Biology and Marine Biology**		University of North Carolina Wilmington	US College and University		P20200	Molecular Level Characterization of Organically Bound Copper During the Seasonal Bloom of Thaumarchaeota off the Coast of North Carolina	Chemistry	1	2
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR									
Parker Lawrence (G)	C	University of North Carolina, Wilmington	Biology and Marine Biology									
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR									
Michael Senko (S)	**PI**	**Thermo Fisher Scientific**	**R&D**		No other support			P20232	Hardware Upgrade to 21T FT-ICR Mass Analyzer	Chemistry	5	353.5
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR									
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR									
Greg Blakney (S)	C	National High Magnetic Field Laboratory	ICR									
Jesse Canterbury (T)	C	Thermo Fisher Scientific	LSMS R&D									
Nathan Kaiser (S)	C	University of Washington	Genome Sciences									
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR									
Marek Polák (P)	C	National High Magnetic Field Laboratory	ICR group									
John Quinn (T)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program									
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR									
David Griffith (S)	**PI**	**Willamette University**	**Chemistry**		No other support			P20234	Identification and resolution of isobaric interferences of estrogens in wastewater	Chemistry	1	1.33
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR									
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance									
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR									

2024 MagLab User Proposals

2024 ICR

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Rachel Mackelprang (S)	**PI**	**California State University, Northridge**	**Department of Biology**	NSF	DEB - Division of Environmental Biology	DEB2029585	P20235	Investigating linkages between DOM turnover and microbial community structureduring permafrost thaw	Chemistry	1	1.5
Anne Kellerman (S)	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								
Sommer Starr (P)	C	Trent University	Environmental Science								
Martha Chacon (S)	**PI**	**National High Magnetic Field Laboratory**	**Ion Cyclotron Resonance**	No other support			P20331	REU Project – Summer 2023Molecular-Level Characterization of Leached Chemicals from Food Packaging	Chemistry	1	4.5
Rachel White (U)	C	National High Magnetic Field Laboratory	Chemistry								
Robert Spencer (S)	**PI**	**Florida State University**	**Earth, Ocean & Atmospheric Science**	NASA			P20434	Chemical Signatures of Change in the Arctic: A Study of Terrigenous Dissolved Organic Matter in the Yukon River Delta	Chemistry	1	5
Alyssa Burns (G)	C	University of California, Davis	Land, Air and Water Resources								
Anne Kellerman (S)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Alexis Slentz (G)	C	Florida State University	Earth, Ocean, & Atmospheric Sciences								
Maria Tzortziou (S)	C	City College of New York	Earth and Atmospheric Sciences								
Oriane Yvin (G)	C	Florida State University	Earth,Ocean,and Atmospheric Science								
Robert Spencer (S)	**PI**	**Florida State University**	**Earth, Ocean & Atmospheric Science**	NSF	OCE - Ocean Sciences	OCE2333961	P20441	El Niño Event Impacts on Organic Matter Export and Composition in the Amazon and Tapajós River	Chemistry	1	4
Martin Kurek (P)	C	Florida State University	Earth, Ocean, and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Giselle Knudsen (S)	**PI**	**Alaunus Biosciences, Inc.**	**Research**	NIH	NCI - National Cancer Institute	CA254649	P20453	Identification and Quantification of Multispecific Antibody Domain-Containing Proteins in Biological Samples	Biology, Biochemistry, Biophysics	2	13.5
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR								
Dave Valentine (S)	**PI**	**University of California, Santa Barbara**	**Department of Geological Sciences**	State of California	Other	State of California Sea Grant of Southern California	P20463	Molecular characterization of oil residues in San Pedro Bason (California)	Chemistry	1	0.5
Joseph Frye-Jones (P)	C	Woods Hole Oceanographic Institution	Marine Chemistry and Geochemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Nelson (S)	C	Woods Hole Oceanographic Institution	Dept Marine Chemistry and Geochemistry								
Chris Reddy (S)	C	Woods Hole Oceanographic Institution	Geochemistry								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Jacob Schmidt (G)	C	University of California, Santa Barbara	Interdepartmental Graduate Program in Marine Science (IGPMS)								
Brice Bouyssiere (S)	**PI**	**University of Pau and the Adour Region**	**IPREM**	No other support			P20493	Molecular characterization of lignocellulosic pyrolysis bio-oils and their solubility-separated fractions.	Chemistry	1	9
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
David Dayton (T)	C	Research Triangle Institute International	Biofuels								
German Gascon (T)	C	University of Pau and the Adour Region	IPREM								
Pierre Giusti (S)	C	TotalEnergies	OneTech DPP								
Caroline Mangote (S)	C	TotalEnergies	Research & Technology								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Wladimir Ruiz (G)	C	Institute of Analytical Sciences and Physical Chemistry for the Environment and Materials	IPREM								
Alexander Zherebker (P)	**PI**	* **University of Cambridge**	**Chemistry**	No other support			P20511	Molecular imprints of aerosol deposits in sea ice and ice cores from Antarctica as revealed by 21T FTICR MS	Chemistry	1	0.33
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR								
Chiara Giorio (S)	C	University of Cambridge	Department of Chemistry								
Siobhán Johnson (G)	C	University of Cambridge	Chemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Elizabeth Thomas (S)	C	British Antarctic Survey	Ice Dynamics and Palaeoclimate								
Amy McKenna (S)	**PI**	**National High Magnetic Field Laboratory**	**ICR**	No other support			P20580	Research Experience for FSU L.A.S. Students on Dissolved Organic Matter Characterization by 21 tesla FT-ICR MS	Chemistry	1	0.5
Kaitlyn Armour (U)	C	Florida State University	Undergraduate Student								
Emily Hughes (U)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Sylvia Long (U)	C	Florida State University	NHMFL FSU								
Shane Meyer (U)	C	Florida State University	Mathematics								
Jonathen Taye (U)	C	Florida State University	Arts and Sciences								
Jillian Torres (U)	C	Florida State University	Ion Cyclotron Resonance								
María Diéguez (S)	**PI**	* **National University of Comahue**	**Instituto de Investigaciones en Biodiversidad y Medioambiente**	National Council for Scientific Research of Argentina	Other		P20585	From landscape to molecules: climate and hydrology drive dissolved organic matter chemodiversity in Andean Patagonian lakes	Chemistry	1	1
Patricia García (S)	C	National University of Comahue	– Instituto de Investigaciones en Biodiversidad y Medioambiente								
Amy Holt (G)	C	Florida State University	EAOS								
Anne Kellerman (S)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Carolina Mansilla Ferro (G)	C	National University of Comahue	Instituto de Investigaciones en Biodiversidad y Medioambiente-								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Alexandre Shvartsburg (S)	**PI**	* **Wichita State University**	**Chemistry and Biochemistry**	NSF	CHE - Chemistry	CHE2105182	P20589	Evaluation of High-Definition FAIMS on the 21 Tesla FTICR Platform	Chemistry	1	2.5
Hayden Thurman (G)	C	Wichita State University	Chemistry and Biochemistry								
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR								

2024 MagLab User Proposals

2024 ICR

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Jared Kafader (S)	**PI**	*	**Northwestern University**	**Chemistry**	NIH	NIGMS - National Institute of General Medical Sciences	GM108569	P20594	High Resolution and Charge Detection Studies Utilizing the FT-ICR Platform	Chemistry	1	1.5
Ryan Fellers (S)	C		Northwestern University	Departments of Chemistry and Molecular Biosciences and the Proteomics Center of Excellence								
Nickolas Fisher (G)	C		Northwestern University	Chemistry								
Michael Hollas (T)	C		Northwestern University	Proteomics Center of Excellence								
Neil Kelleher (S)	C		Northwestern University	Department of Biochemistry, Molecular Biology, and Cell Biology								
Chad Weisbrod (S)	C		National High Magnetic Field Laboratory	ICR								
THomas Manning (S)	**PI**		**Valdosta State University**	**Chemistry**	National Institute of Allergy and Infectious Disease	Other	75N93019D00016	P20609	High Mass/Charge Accuracy Study for new Cancer Drugs, Antibiotics, and Neurological Drugs	Biology, Biochemistry, Biophysics	1	0.5
Joseph Frye-Jones (P)	C		Woods Hole Oceanographic Institution	Marine Chemistry and Geochemistry	National Institute of Allergy and Infectious Disease	Other	75N93023F00001					
Amy McKenna (S)	C		National High Magnetic Field Laboratory	ICR	In kind services (NIH tested dozens of our compounds). On going for over a decade (ex. 24 compounds tested at NCI).	Other						
Thomas Borch (S)	**PI**		**Colorado State University**	**Soil and Crop Science**	NOAA	Other US Federal Agency	NOAA (National Oceanic and Atmospheric Administration), CRDA # 11.431, Funding # NOAAOAR-CPO-2022-2006799, Competition # 2943820	P20649	Non-target analysis of structural fires for identification of organohalogens, PFAS, and PAHs using FT-ICR-MS	Chemistry	1	1
Lydia Babcock-Adams (P)	C		National High Magnetic Field Laboratory	CIMAR, ICR								
Srinidhi Lokesh (P)	C		Colorado State University	Soil and Crop Sciences								
Christian L'Orange (S)	C		Colorado State University	Mechanical Engineering								
Amy McKenna (S)	C		National High Magnetic Field Laboratory	ICR								
Adam Norris (G)	C		Colorado State University	Soil and Crop Sciences								
Jacob VanderRoest (G)	C		Colorado State University	Chemistry								
Yael Zvulunov (P)	C		Colorado State University	Soil and Crop Sciences								
Maxime Bridoux (S)	**PI**	*	**French Alternative Energies and Atomic Energy Commission**	**Environmental sciences**	French National Research agency - FIRETRAC	Other Non US Federal Agency	ANR-20-CE01-0012-01	P20675	Characterization of Phospholipids in Bio-Aerosol Samples Collected on the Mediterranean Coast and Related to the Sahara's Dust Plum	Biology, Biochemistry, Biophysics	1	3.5
Martha Chacon (S)	C		National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Christos Panagiotopoulos (S)	C		Aix-Marseille University	MIO Mediterranean Institute of Oceanography								
Katliopi Violaki (S)	C		Ecole Polytechnique Federale de Lausanne	ENAC								
Chad Weisbrod (S)	C		National High Magnetic Field Laboratory	ICR								
Christopher Rueger (S)	**PI**		**University of Rostock**	**Interdisciplinary Faculty, Department Life, Light & Matter**	German Research Foundation (DFG)	Non US Foundation	ZI 764/28-1	P20697	Compositional and Structural Analysis of Primary and Photo-Aged Scrubber Water Discharges from Ships Using Direct Infusion MS/MS and Online Liquid Chromatography and 21T Fourier Transform Ion Cyclotron Resonance Mass Spectrometry	Chemistry	1	2.67
Martha Chacon (S)	C		National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Helly Hansen (G)	C		University of Rostock	Interdisciplinary Faculty, Department Life, Light & Matter								
Ryan Rodgers (S)	C		National High Magnetic Field Laboratory	ICR								
Ralf Zimmermann (S)	C		University of Rostock	Division of Analytical and Technical Chemistry								
Kristina Hakansson (S)	**PI**		**National High Magnetic Field Laboratory**	**Ion Cyclotron Resonance**	NSF	CHE - Chemistry	CHE2404064	P20754	Remaining Unknowns in Ion-Electron Reactions for Tandem Mass Spectrometry	Chemistry	2	20.5
Lissa Anderson (S)	C		National High Magnetic Field Laboratory	ICR								
Nate Kaiser (S)	C		National High Magnetic Field Laboratory	ICR								
Neven Mikawy (P)	C		National High Magnetic Field Laboratory	Chemistry and Biochemistry								
Andrew Yen (S)	**PI**		**Baker Hughes Oilfield Operations, Inc.**	**Flow Assurance**	No other support			P20755	Analysis of Asphaltene Extrography Fractions from Rare Downhole Crude Oil Deposits Using FT-ICR MS	Chemistry	1	13
Martha Chacon (S)	C		National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Ryan Rodgers (S)	C		National High Magnetic Field Laboratory	ICR								
Jens Blotevogel (S)	**PI**		**Commonwealth Scientific and Industrial Research Organization**	**Environment**	DOD	ER - Environmental Research Program	ER21-3550	P20788	High-Field 21 Tesla FT-ICR Mass Spectrometry for Forensic Identification of PFAS	Chemistry	2	5.67
Lydia Babcock-Adams (P)	C		National High Magnetic Field Laboratory	CIMAR, ICR	DOD	ER - Environmental Research Program	ER20-1265					
William Bahureksa (P)	C		New Mexico State University, Main Campus	Chemistry	DOD	ER - Environmental Research Program	ER-2718					
Emily Hughes (U)	C		National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
John Kornuc (S)	C		U.S. Naval Research Laboratory	Emerging contaminants, site characterization								
Wenchao Lu (S)	C		Commonwealth Scientific and Industrial Research Organization	Environment								
Amy McKenna (S)	C		National High Magnetic Field Laboratory	ICR								
Robert Young (S)	C		Commonwealth Scientific and Industrial Research Organization	CSIRO Environment								
									Total Proposals:		**Experiments:**	**Days:**
									28		**41**	**495**

2024 MagLab User Proposals

2024 NMR

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Matthew Merritt (S)	**PI**	**University of Florida**	**Biochemistry and Molecular Biology**	NIH	Other	R01DK105346	P16133	Merritt Projects	Biology, Biochemistry, Biophysics	1	33
Gaurav Sharma (P)	C	University of Florida	BMB								
Samuel Grant (S)	**PI**	**National High Magnetic Field Laboratory**	**Chemical & Biomedical Engineering**	No other support			P17423	900 Maintenance Related to MRI	Biology, Biochemistry, Biophysics	13	80
Ashley Blue (T)	C	National High Magnetic Field Laboratory	NHMFL	NSF	DMR - Division of Materials Research	DMR2128556					
Hannah Bryant (G)	C	Florida State University	Chemical and Biomedical Engineering at the College of Engineering	NIH	NIGMS - National Institute of General Medical Sciences	GM148766					
Shinho Cho (O)	C	National High Magnetic Field Laboratory	NMR-MRI								
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR								
Malathy Elumalai (O)	C	National High Magnetic Field Laboratory	NMR-MRI								
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Petr Gor'kov (S)	C	National High Magnetic Field Laboratory	CIMAR								
Shubha Gunaga (P)	C	National High Magnetic Field Laboratory	NMR								
James Kimball (G)	C	Florida State University	Chemistry								
Jason Kitchen (O)	C	National High Magnetic Field Laboratory	NMR								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Ayyalusamy Ramamoorthy (S)	C	Florida State University	Chemical and Biomedical Engineering								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Samuel Grant (S)	**PI**	**National High Magnetic Field Laboratory**	**Chemical & Biomedical Engineering**	No other support			P17559	500 MRI Maintenance	Engineering	1	2
Cesario Borlongan (S)	**PI**	**University of South Florida**	**College of Medicine, Neurosurgery**	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS102395	P19565	In vivo assessment of cell-derived therapies for treatment of stroke: 23Na MRI and 1H MRS	Biology, Biochemistry, Biophysics	8	12
Jacob Athey (U)	C	Florida State University	Chemical & Biomedical Engineering	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS115490					
Jamini Bhagu (G)	C	Florida State University	Chemical ENG								
Hannah Bryant (G)	C	Florida State University	Chemical and Biomedical Engineering at the College of Engineering								
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								
Michael Famiano (S)	**PI**	**Western Michigan University**	**Physics**	Moore Foundation	Other	7799	P19582	Applications of NMR to Astrobiology: Measurement of Shielding Tensor Components of Chiral Molecules	Biology, Biochemistry, Biophysics	1	5
Shiva Agarwal (G)	C	Western Michigan University	Physics								
Zbigniew Chajecki (S)	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								
John Miller (S)	C	Western Michigan University	Chemistry Dept								
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Kwang Hun Lim (S)	**PI**	**East Carolina University**	**Chemistry**	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS097490	P19589	Characterization of Structural Features of Cytotoxic Transthyretin Oligomers and their Interaction with Membranes	Biology, Biochemistry, Biophysics	2	7
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								
Tim Murphy (S)	**PI**	**National High Magnetic Field Laboratory**	**DC Field Facility**	No other support			P19611	Testing of DCFF magnets, power supplies and associated equipment	Condensed Matter Physics	1	3
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
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								
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	2	5
Stephan Irle (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								
Hadi Mohammadigoushki (S)	**PI**	**Florida State University**	**Chemical and Biomedical Engineering**	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI163988	P19663	Probing adsorption of monoclonal antibodies at the oil-water interface	Engineering	1	3
Jamini Bhagu (G)	C	Florida State University	Chemical ENG								
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Robbie Iuliucci (S)	**PI**	**Washington and Jefferson College**	**Chemistry**	No other support			P19772	NMR Crystallography of Pharmaceuticals and Biologically Relevant Nanocrystals Augmented by Multinuclear High Field Solid-State NMR	Chemistry	4	9
Ivy Bane (U)	C	Washington and Jefferson College	Chemistry								
Camereon Boley (U)	C	Washington and Jefferson College	Chemistry								
Angelika Dewicki (U)	C	Washington and Jefferson College	Chemistry								
Zachary Gardner (U)	C	Washington and Jefferson College	Chemistry								
Sean Holmes (P)	C	Florida State University	Chemistry and Biochemistry								
Brandon Johnson (U)	C	Washington and Jefferson College	Chemistry								
Sierra Kuzak (U)	C	Washington and Jefferson College	Chemistry								
Alex Markunas (U)	C	Washington and Jefferson College	Chemistry								
Nhung Nguyen (U)	C	Washington and Jefferson College	Chemistry								
Jack Potasiewicz (U)	C	Washington and Jefferson College	Chemistry								
Rosalynn Quiñones (S)	C	Marshall University	Chemistry								
Robert Schurko (S)	C	Florida State University	Chemistry								
Ren Wiscons (U)	C	Amherst College	Chemistry								

2024 MagLab User Proposals

2024 NMR

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Myriam Cotten (S)	**PI**	**Oregon State University**	**Biochemistry and Biophysics**	NSF	MCB - Molecular and Cellular Biosciences	MCB1716608	P19777	Leveraging Solid-State NMR to Investigate Host Defense Mechanisms at Biological Membranes	Biology, Biochemistry, Biophysics	17	70
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR	NIH	NIGMS - National Institute of General Medical Sciences	GM126527					
Evan Goodell (G)	C	College of William and Mary	Applied Science								
Rongfu Zhang (P)	C	Florida State University	Chemistry and Biochemistry Department								
Andrea Zourou (G)	C	College of William and Mary	Applied Science								
Marcus Foston (S)	**PI**	**Washington University in St. Louis**	**Energy, Environmental & Chemical Engineering**	NSF	DMR - Division of Materials Research	DMR2105150	P19800	Determining secondary structure in protein-based block copolymer fibers by carbon-carbon correlation solid-state NMR spectroscopy	Material Science	1	5
Jingyao Li (G)	C	Washington University in St. Louis	Department of Energy, Environmental & Chemical Engineering								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Fuzhong Zhang (S)	C	Washington University in St. Louis	Energy, Environmental & Chemical Engineering								
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	12	59
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Hadi Mohammadigoushki (S)	**PI**	**Florida State University**	**Chemical and Biomedical Engineering**	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI163988	P19875	Protein spectroscopy in emulsions	Engineering	33	192
Jamini Bhagu (G)	C	Florida State University	Chemical ENG	NSF	CAREER - Faculty Early Career Development Program	1942150					
Reza Foudazi (S)	C	University of Oklahoma	School of Chemical, Biological and Materials Engineering	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI194215					
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Ogaga Okedi (G)	C	Florida State University	Chemical and Biomedical Engineering								
Chloe Patterson (U)	C	Florida State University	Chemical and Biomedical Engineering Department								
Alfredo Scigliani (G)	C	Florida State University	Chemical & Biomedical Engineering								
Sabyasachi Sen (S)	**PI**	**University of California, Davis**	**Chemical Engineering and Materials Science**	NSF	DMR - Division of Materials Research	DMR1855176	P19876	High-Field NMR Investigation of the Structural Evolution during Nucleation in Glass-Ceramics: Towards an Atomistic Understanding	Engineering	13	104
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL	NSF	DMR - Division of Materials Research	DMR2409281					
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Randi Swanson (G)	C	University of California, Davis	Materials Science & Engineering								
Amrit Venkatesh (S)	C	University of Virginia	Department of Chemistry								
Bing Yuan (G)	C	University of California, Davis	Engineering								
Robert Schurko (S)	**PI**	**Florida State University**	**Chemistry**	NSF	CHE - Chemistry	CHE2003854	P19885	Multinuclear Solid-State NMR of Quadrupolar Nuclei in Active Pharmaceutical Ingredients: New Pathways for the Characterization of Polymorphs, Hydrates, Cocrystals, and Dosage Forms	Chemistry	103	270
Adam Altenhof (P)	C	Los Alamos National Laboratory	MPA-Q	Florida State University	US College and University	Startup					
Camereon Boley (U)	C	Washington and Jefferson College	Chemistry	Florida State University	US College and University	Start up funds					
James Britten (S)	C	McMaster University	Chemistry	National High Magnetic Field Laboratory	US Government Lab	Start-up funds from DMR-1644779					
Angelika Dewicki (U)	C	Washington and Jefferson College	Chemistry								
Zach Dowdell (G)	C	Florida State University	Chemistry								
Carl Fleischer (G)	C	Florida State University	Chemistry								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Zachary Gardner (U)	C	Washington and Jefferson College	Chemistry								
Sean Holmes (P)	C	Florida State University	Chemistry and Biochemistry								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Michael Jaroszewicz (G)	C	University of Windsor	Chemistry								
James Kimball (G)	C	Florida State University	Chemistry								
Kirill Levin (T)	C	McGill University	Chemistry								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Peyton Osborn (G)	C	Florida State University	Chemistry								
Austin Peach (P)	C	French National Center for Scientific Research	D1 - Materials Chemistry								
Allan Rey (S)	C	Apotex Pharmachem Inc.	Research & Technology								
Jazmine Sanchez (G)	C	Florida State University	Chemistry and Biochemistry								
Robert Smith (G)	C	Florida State University	Chemistry and Biochemistry								
Fabio Souza (S)	C	Apotex Pharmachem Inc.	Research & Technology								
Alexander Stirk (S)	C	Apotex Pharmachem Inc.	Research & Technology								
Sara Termos (G)	C	Florida State University	Department of Chemistry and Biochemistry								
Cameron Vojvodin (G)	C	Florida State University	Chemistry and Biochemistry								
Terry Gullion (S)	**PI**	**West Virginia University**	**Chemistry**	No other support			P19889	DNP-MAS of Honey Bee Wings	Biology, Biochemistry, Biophysics	2	9
Samuel Eddy (G)	C	West Virginia University	Chemistry								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Tuo Wang (S)	**PI**	**Michigan State University**	**Chemistry**	NSF	MCB - Molecular and Cellular Biosciences	MCB1942665	P19901	Solid-State NMR and DNP Investigations of Moss Carbohydrates and Biomaterials	Biology, Biochemistry, Biophysics	3	14
Malitha Chathuranga Dickwella Widanage (P)	C	National High Magnetic Field Laboratory	National High Magnetic Field Laboratory								
Mustapha El Hariri El Nokab (P)	C	Michigan State University	Chemistry Department								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Kalpana Singh (G)	C	Michigan State University	Chemistry								
Dylan Murray (S)	**PI**	**University of Connecticut**	**Molecular and Cell Biology**	NIH	NIGMS - National Institute of General Medical Sciences	GM142892	P19910	Molecular Determinants for the Assembly of Low Complexity Protein Domains	Biology, Biochemistry, Biophysics	7	43
Upasana Sridharan (P)	C	University of California, Davis	Chemistry								
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Yuuki Wittmer (G)	C	University of California, Davis	Chemistry								

2024 MagLab User Proposals

2024 NMR

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Yuanzheng Yue (S)	**PI**	**Aalborg University**	**Department of Chemistry and Bioscience**	The Independent Research Fund Denmark	Other	1026-00318B	P19967	Probing the local structure of metal-organic frameworks via high field NMR	Development of Magnet Technology	2	15
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Zhencai Li (P)	C	Aalborg University	Department of Chemistry and Bioscience								
David Bryce (S)	**PI**	**University of Ottawa**	**Department of Chemistry and Biomolecular Sciences**	Natural Sciences and Engineering Research Council Canada	Non US Council		P19976	Rhenium-185-187 Solid-State NMR Investigation of Non-Covalent Matere Bonds	Chemistry	2	5
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Alireza Nari (G)	C	University of Ottawa	Chemistry and Biomolecular Sciences								
Gang Wu (S)	**PI**	**Queen's University at Kingston**	**Chemistry**	NSERC of Canada	Non US Council		P20014	Probing the hydrogen atom location in short OHN and OHO hydrogen bonds by 17O solid-state NMR	Chemistry	9	34
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Amrit Venkatesh (S)	C	University of Virginia	Department of Chemistry								
Michael Harrington (S)	**PI**	**Huntington Medical Research Institutes**	**Molecular Neurology**	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS072497	P20016	CSF Dynamics, 23Na Fluxes and Ventricular Anatomy Interplay Between Migraine and Choroid Plexus	Biology, Biochemistry, Biophysics	36	42
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Samuel Holder (G)	C	Florida State University	Chemical & Biomedical Engineering								
Abe Kolko (G)	C	University of California, Santa Barbara	Mechanical Engineering								
Linda Petzold (S)	C	University of California, Santa Barbara	Computer Science								
Dayna Richter (G)	C	Florida State University	Chemical & Biomedical Engineering								
Braulio Rodríguez-Molina (S)	**PI**	**National Autonomous University of Mexico**	**Institute of Chemistry**	CONACYT	Non US Council		P20064	Dynamics in Fluorescent Crystalline Rotors using Solid-State Nuclear Magnetic Resonance	Chemistry	1	2
Jose Luis Belmonte (P)	C	National Autonomous University of Mexico	Institute of Chemistry								
Carl Fleischer (G)	C	Florida State University	Chemistry								
Ernesto Hernandez-Morales (G)	C	National Autonomous University of Mexico	Institute of Chemistry								
Erick Hernandez-Santiago (G)	C	National Autonomous University of Mexico	Institute of Chemistry								
Jose Mejia-Aleman (G)	C	National Autonomous University of Mexico	Institute of Chemistry								
Armando Navarro-Huerta (G)	C	National Autonomous University of Mexico	Institute of Chemistry								
Lizbeth Rodriguez-Cortes (G)	C	National Autonomous University of Mexico	Institute of Chemistry								
Robert Schurko (S)	C	Florida State University	Chemistry								
Cameron Vojvodin (G)	C	Florida State University	Chemistry and Biochemistry								
Wei Qiang (S)	**PI**	**State University of New York, Binghamton**	**Chemistry**	NIH	NIGMS - National Institute of General Medical Sciences	GM125853	P20075	DNP-ssNMR Studies of Early-Stage Molecular Interactions Between Beta-Amyloid Aggregates and Biological Membranes	Biology, Biochemistry, Biophysics	3	19
Shubha Gunaga (P)	C	National High Magnetic Field Laboratory	NMR								
June Kenyaga (G)	C	State University of New York, Binghamton	Chemistry								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Tuo Wang (S)	C	Michigan State University	Chemistry								
Wancheng Zhao (G)	C	Michigan State University	Chemistry								
Joseph Zadrozny (S)	**PI**	**Ohio State University**	**Chemistry and Biochemistry**	NSF	CHE - Chemistry	CHE2047325	P20082	Solid-state NMR characterization of 59Co NMR thermometers	Chemistry	20	42
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Josef Grundy (G)	C	Colorado State University	Chemistry								
Sean Holmes (P)	C	Florida State University	Chemistry and Biochemistry								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
James Kimball (G)	C	Florida State University	Chemistry								
Roxanna Martinez (G)	C	Colorado State University	Chemistry								
Tyler Ozvat (G)	C	Colorado State University	Chemistry								
Stephanie Sanchez (U)	C	Colorado State University	Chemistry								
Robert Schurko (S)	C	Florida State University	Chemistry								
Sara Termos (G)	C	Florida State University	Department of Chemistry and Biochemistry								
Okten Ungor (P)	C	Colorado State University	Chemistry								
Hui Xiong (S)	**PI**	**Boise State University**	**Materials Science and Engineering**	DOE	ASCR - Advanced Scientific Computing Research	DE-SC0019121	P20087	7Li and 23Na Solid-State NMR Investigation of High-Performance Cathodes for Na-Ion Batteries	Chemistry	12	98.5
Michael Deck (G)	C	Florida State University	Chemistry								
Yan-Yan Hu (S)	C	Florida State University	Chemistry & Biochemistry								
Yongkang Jin (G)	C	Florida State University	Chemistry and Biochemistry								
Bright Ogbolu (G)	C	Florida State University	Chemistry								
Erica Truong (G)	C	Florida State University	Chemistry and Biochemistry								
Aaron Wilber (S)	**PI**	**Florida State University**	**Psychology**	NIH	NIA - National Institute on Aging	AG010700	P20099	DTI and rs-fMRI of TgF344-AD Female Rats as a Model of Alzheimer's Disease	Biology, Biochemistry, Biophysics	14	17
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Choogon Lee (S)	C	Florida State University	Biomedical Sciences								
William McCall (S)	C	Augusta University	Psychiatry and Health Behavior								
Jordan Ogg (T)	C	Florida State University	Psychology								
Jenna Radovich (G)	C	Florida State University	Chemical & Biomedical Engineering								
Vivek Polshettiwar (S)	**PI**	**Tata Institute of Fundamental Research**	**Department of Chemical Sciences**	Tata Institute of Fundamental Research (TIFR), Mumbai INDIA	Other		P20104	Solid State NMR of Acidic Aluminosilicates (AAS) to Study the Frustrated Lewis Pairs and Their Interactions with CO2 and H2	Chemistry	3	9
Charvi Singhvi (G)	C	Tata Institute of Fundamental Research	Department of Chemical Sciences								
Amrit Venkatesh (S)	C	University of Virginia	Department of Chemistry								
Rishi Verma (G)	C	Tata Institute of Fundamental Research	Department of Chemical Sciences								
Jeannine Brady (S)	**PI**	**University of Florida**	**Oral Biology**	NIH	NIDCR - National Institute of Dental and Craniofacial Research	DE021789	P20106	Structural studies of adhesin protein P1 of S. mutans, its quaternary structure, and formation of functional amyloid.	Biology, Biochemistry, Biophysics	3	20
Maria Luiza Caldas Nogueira (S)	C	University of Florida	AMRIS								
Joanna Long (S)	C	University of Florida	Biochemistry & Molecular Biology								
Qingqing (Emily) Peng (G)	C	University of Florida	Department of Biochemistry and Molecular Biology								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								

2024 MagLab User Proposals

2024 NMR

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Lynmarie Thompson (S)	**PI**	**University of Massachusetts**	**Chemistry**	NIH	NIGMS - National Institute of General Medical Sciences	GM120195	P20129	Solid-state NMR and DNP of protein interactions in functional bacterial chemoreceptor signaling complexes	Biology, Biochemistry, Biophysics	1	2
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Katherine Wahlbeck (G)	C	University of Massachusetts	Chemistry								
Dominik Zehender (G)	**PI** *	**Heidelberg University**	**Computer Assisted Clinical Medicine**	German Research Foundation	Non US Foundation	71000643	P20176	Chemotherapeutic Response Assessment in Cancer Cells Using a Microcavity Array- Based Bioreactor System and Sodium Triple-Quantum MR Signal	Biology, Biochemistry, Biophysics	2	5
Eric Gottwald (S)	C	Karlsruhe Institute of Technology	Institute for Biological Interfaces (IBG 5)								
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Cathy Levenson (S)	C	Florida State University	Biomedical Sciences								
Simon Reichert (G)	C	Heidelberg University	Medical Faculty Mannheim								
Lothar Schad (S)	C	Heidelberg University	Computer Assisted Clinical Medicine								
Victor Schepkin (S)	C	National High Magnetic Field Laboratory	CIMAR								
Mandip Sachdeva (S)	**PI**	**Florida Agricultural and Mechanical University**	**College of Pharmacy and Pharmaceutical Sciences**	No other support			P20184	Effect of different excipients on the adhesives properties in trasdermal patches	Material Science	15	46
Arvin Bagde (P)	C	Florida Agricultural and Mechanical University	Pharmaceutical Sciences	No other support		This project is to support an proposal to the FDA					
Robert Schurko (S)	C	Florida State University	Chemistry								
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Jochen Autschbach (S)	**PI**	**University of Buffalo**	**Chemistry**	DOE	BES – Basic Energy Sciences	DE-SC0022310	P20231	Unraveling the Mysteries of the Platinum Group Elements with Solid-State NMR Spectroscopy and Quantum Chemical Calculations	Chemistry	40	110
Sean Holmes (P)	C	Florida State University	Chemistry and Biochemistry								
James Kimball (G)	C	Florida State University	Chemistry								
Adam Phillips (P)	C	University of Buffalo	Chemistry								
Jasmin Schoenzart (G)	C	Florida State University	Chemistry and Biochemistry								
Robert Schurko (S)	C	Florida State University	Chemistry								
Robert Smith (G)	C	Florida State University	Chemistry and Biochemistry								
Sara Termos (G)	C	Florida State University	Department of Chemistry and Biochemistry								
Amrit Venkatesh (S)	C	University of Virginia	Department of Chemistry								
Xingkang Huang (S)	**PI**	**University of Chicago**	**Pritzker School of Molecular Engineering**	NSF	CMMI - Civil, Mechanical & Manufacturing Innovation	CMMI2037026	P20281	Characterization of cathode materials with aqueous binders by Solid-state NMR	Material Science	1	3
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Liliya Vugmeyster (S)	**PI**	**University of Colorado, Denver**	**Chemistry**	NIH	NIGMS - National Institute of General Medical Sciences	GM111681	P20303	Characterization of water dynamics in the hydration layers of protein systems and soils using quadrupolar nuclei solid-state NMR methods	Biology, Biochemistry, Biophysics	8	14
Dmitry Ostrovsky (S)	C	University of Colorado, Denver	Mathematics								
Zhihua Jiang (S)	**PI**	**Auburn University**	**Chemical Engineering**	USDA - Department of Agriculture		G00013538	P20306	Investigating interactions between biomolecules in cellulose-based materials using 13C - 1H solid-state NMR	Biology, Biochemistry, Biophysics	71	296
Jiaxing Fan (G)	C	Florida State University	Chemistry and Biochemistry								
Yan-Yan Hu (S)	C	Florida State University	Chemistry & Biochemistry								
Erica Truong (G)	C	Florida State University	Chemistry and Biochemistry								
Rongfu Zhang (P)	C	Florida State University	Chemistry and Biochemistry Department								
Ryan O'Hayre (S)	**PI**	**Colorado School of Mines**	**Metallurgical and Materials Engineering**	DOE	EFRC - Energy Frontier Research Centers	DE-SC0023450	P20313	Understanding hydrogen local structure, dynamics, and diffusion in BCFZY and analogues using solid-state NMR.	Chemistry	43	231
Sossina Haile (S)	C	Northwestern University	Materials Science and Engineering, and Chemistry								
Yan-Yan Hu (S)	C	Florida State University	Chemistry & Biochemistry								
Bright Ogbolu (G)	C	Florida State University	Chemistry								
Yewon Shin (P)	C	Colorado School of Mines	Metallurgical and Materials Engineering								
Erica Truong (G)	C	Florida State University	Chemistry and Biochemistry								
Geoffrey Strouse (S)	**PI**	**National High Magnetic Field Laboratory**	**Chemistry**	NSF	DMR - Division of Materials Research	DMR1905757	P20318	Multinuclear solid-state NMR investigation of plasmonic andphotoluminsecent nanocrystals	Chemistry	13	25
Aaron Bayles (P)	C	Rice University	Electrical and Computer Engineering								
Catherine Fabiano (G)	C	Florida State University	Chemistry								
Naomi Halas (S)	C	Rice University	Electrical and Computer Engineering								
Jason Kuszynski (G)	C	Florida State University	Chemistry & Biochemistry								
Stephen McGill (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Raul Ortega (G)	C	Florida State University	Chemistry & Biochemistry								
Ali Pazoki (G)	C	Florida State University	Chemistry								
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								
Amrit Venkatesh (S)	**PI**	**University of Virginia**	**Department of Chemistry**	No other support			P20323	Sensitivity-Enhanced Solid-State NMR at High Magnetic Fields using Fast Magic Angle Spinning and Dynamic Nuclear Polarization	Chemistry	11	44
Sharon Ashbrook (S)	C	University of St. Andrews	School of Chemistry	Danish Research Foundation (DFF Grøn Omstilling)	Non US Foundation	Grant: 95-305-23601-01130					
Emma Borthwick (G)	C	University of St. Andrews	Chemistry	European Union's Horizon 2020 research and innovation programme	Other	Marie Sklodowska-Curie grant agreement No 956454					
Kamilla Buenning (G)	C	University of Southern Denmark	Physics, Chemistry and Pharmacy								
Ankit Dhakal (G)	C	University of Virginia	Chemical Engineering								
Ivanska Gierbolini Colon (U)	C	National High Magnetic Field Laboratory	NMR								
Gaurav Giri (S)	C	University of Virginia	Chemical Engineering								
Lucas José (G)	C	University of Southern Denmark	Physics, Chemistry and Pharmacy								
Ulla Gro Nielsen (S)	C	University of Southern Denmark	Physics, Chemistry and Pharmacy								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Christine Yu (U)	C	Florida State University	Chemistry								
Assaf Gal (S)	**PI** *	**Weizmann Institute of Science**	**Plant and Environmental Sciences**	European Research Council	Non US Council		P20355	Investigating DNP mechanisms in Mn(II) doped Li4Ti5O12 at 14.1 T DNP	Material Science	1	7
Pierre Florian (S)	C	French National Center for Scientific Research	CEMTHI								
Michal Leskes (S)	C	Weizmann Institute of Science	Materials and Interfaces								
Nitzan Livni (G)	C	Weizmann Institute of Science	molecular chemistry and materials science								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								

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Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Sheetal Jain (S)	**PI**	**Indian Institute of Science, Bengaluru**	**Solid-state and Structural Chemistry Unit**	Indian Institute of Science Bangalore	Non US College and University		P20357	Effect of carbonation on soil-based alkali-activated materials	Material Science	3	18
Nikita Rao (G)	C	Indian Institute of Science, Bengaluru	Solid State and Structural Chemistry Unit								
Amrit Venkatesh (S)	C	University of Virginia	Department of Chemistry								
Samuel Grant (S)	**PI**	**National High Magnetic Field Laboratory**	**Chemical & Biomedical Engineering**	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS102395	P20452	23Na MRI of Ischemic Stroke Under Stem Cell Therapy	Biology, Biochemistry, Biophysics	20	27
Arshia Arbabian (G)	C	Florida State University	Chemical & Biomedical Engineering								
Jamini Bhagu (G)	C	Florida State University	Chemical ENG								
Hannah Bryant (G)	C	Florida State University	Chemical and Biomedical Engineering at the College of Engineering								
Richard Jeske (G)	C	Florida State University	Chemical & Biomedical Engineering								
Dayna Richter (G)	C	Florida State University	Chemical & Biomedical Engineering								
Tracy Centanni (S)	**PI** *	**University of Florida**	**Speech, Language, and Hearing Sciences**	NIH	NICHD - Eunice Kennedy Shriver National Institute of Child Health and Human Development	HD103479	P20455	Effect of genetic knockout on neural plasticity in a rat model	Biology, Biochemistry, Biophysics	1	3
Brenton Cooper (S)	C	Texas Christian University	Psychology								
Ayyalusamy Ramamoorthy (S)	**PI**	**Florida State University**	**Chemical and Biomedical Engineering**	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK132214	P20468	Structural Investigation of Polymorphic Aß Fibrils	Biology, Biochemistry, Biophysics	2	10
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK011322					
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Feng Lin (S)	**PI**	**Virginia Polytechnic Institute and State University**	**Chemistry**	NSF	DMR - Division of Materials Research	DMR2045570	P20482	Probing thermally induced evolution of atomic distribution in Li-excess disordered rocksalt cathode materials	Material Science	5	15
Changgyu Seok (G)	C	Virginia Polytechnic Institute and State University	Chemistry								
Sungsool Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Mi Hee Lim (S)	**PI**	**Korea Advanced Institute of Science & Technology**	**Chemistry**	University of Michigan	US College and University	70823050	P20497	Protonation state determination of two poorly soluble drugs in HPMCAS and PVPA-EDA for applications in oral drug delivery	Chemistry	2	8
Malitha Chathuranga Dickwella Widanage (P)	C	National High Magnetic Field Laboratory	National High Magnetic Field Laboratory								
Kristen Kelsall (G)	C	University of Michigan	Chemistry								
Ayyalusamy Ramamoorthy (S)	C	Florida State University	Chemical and Biomedical Engineering								
Snorri Sigurdsson (S)	**PI**	**University of Iceland**	**Chemistry**	No other support			P20530	Improving biradicals for MAS-DNP at high field:a combined approach of Spin-Dynamics theory, DFT and high-field EPR	Biology, Biochemistry, Biophysics	5	25
Satyaki Chatterjee (G)	C	University of Iceland	Department of Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM148766					
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR	EU H2020-INFRAIA	Other	101008500					
Shubha Gunaga (P)	C	National High Magnetic Field Laboratory	NMR	Icelandic Research Fund	Other Non US Federal Agency	239662					
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR	European Union's Horizon 2020 research and innovation programme	Other Non US Federal Agency	101008500					
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Ancy Wilson (G)	C	University of Iceland	Chemistry								
Fang Tian (S)	**PI**	**Pennsylvania State University**	**Biochemistry and Molecular Biology, Penn State Medical School**	NIH	NIGMS - National Institute of General Medical Sciences	GM127730	P20549	Membrane Interactions of LC3 for LC3-Phosphatidylethanolamine (PE) Conjugation and Phagophore Expansion during Autophagy	Biology, Biochemistry, Biophysics	5	30
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR	Four Diamonds Fund Research Program	Other	4D21_2024_1001					
Yining Huang (S)	**PI**	**University of Western Ontario**	**Chemistry**	Western University	Non US College and University		P20550	Solid-state NMR Characterization of Local Environments of Framework Halides in MOFs at Ultrahigh Magnetic Field	Chemistry	7	56
Tahereh Azizivahed (G)	C	University of Western Ontario	Chemistry	NSERC of Canada	Other						
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Shuting Li (G)	C	University of Western Ontario	Chemistry								
Amrit Venkatesh (S)	C	University of Virginia	Department of Chemistry								
Jiabin Xu (G)	C	University of Western Ontario	Chemistry								
Wanli Zhang (G)	C	University of Western Ontario	Chemistry								
Sungsool Wi (S)	**PI**	**National High Magnetic Field Laboratory**	**NMR**	No other support			P20552	Development of Novel NMR Techniques for Studies at High Magnetic Fields and under Fast Magic-Angle Spinning: Utilization of 1H-detection and Natural 13C Abundance	Biology, Biochemistry, Biophysics	19	66
Navneet Dwivedi (G)	C	Integral University	Physics	NSF	CHE - Chemistry	CHE2203405					
Lucio Frydman (S)	C	National High Magnetic Field Laboratory	NMR								
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Bijaylaxmi Patra (G)	C	Center of Biomedical Research	Department of Advanced Spectroscopy and Imaging								
Ayyalusamy Ramamoorthy (S)	C	Florida State University	Chemical and Biomedical Engineering								
Neeraj Sinha (S)	C	Unknown	Advanced Spectroscopy and Imaging								
Samuel Grant (S)	**PI**	**National High Magnetic Field Laboratory**	**Chemical & Biomedical Engineering**	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS102395	P20556	Efficacy of Stem Cell-Derived Therapy for Stroke Evaluated by Ultra-High Field MRI/S	Biology, Biochemistry, Biophysics	40	51
Arshia Arbabian (G)	C	Florida State University	Chemical & Biomedical Engineering	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS115490					
Jamini Bhagu (G)	C	Florida State University	Chemical ENG								
Bruce Bunnell (S)	C	Tulane University	Pharmacology								
Hedi Mattoussi (S)	C	Florida State University	Chemistry & Biochemistry								
Jeff Procida (G)	C	Florida State University	Chemistry & Biochemistry								
Ayyalusamy Ramamoorthy (S)	**PI**	**Florida State University**	**Chemical and Biomedical Engineering**	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK113221	P20557	Structural Investigation of Polymorphic Aß Fibrils	Biology, Biochemistry, Biophysics	9	42
Malitha Chathuranga Dickwella Widanage (P)	C	National High Magnetic Field Laboratory	National High Magnetic Field Laboratory	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK011322					
Sam McCalpin (P)	C	Florida State University	Biomedical Engineering								
Muniyandi Sankaralingam (S)	**PI** *	**National Institute of Technology Calicut**	**Chemistry**	DST-Inspire Faculty research grant	Other		P20558	Solid State Structural Characterization of Nickel(II) Complexes	Chemistry	2	8
Malitha Chathuranga Dickwella Widanage (P)	C	National High Magnetic Field Laboratory	National High Magnetic Field Laboratory	University Funding	Other						
Ayyalusamy Ramamoorthy (S)	C	Florida State University	Chemical and Biomedical Engineering								

2024 MagLab User Proposals

2024 NMR

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
James Shogren-Harris (S)	**PI**	**University of Alabama, Tuscaloosa**	**Chemical and Biological Engineering**	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2050507	P20573	SSNMR for Zeolite-Based Heterogeneous Catalysts	Engineering	7	17
Shivangi Nandkumar Borate (G)	C	University of Alabama, Tuscaloosa	Chemical and Biological Engineering	DOE	BETO - Bioenergy Technologies Office	DE-EE0010304					
Younggul Hur (P)	C	University of Alabama, Tuscaloosa	chemical and biological engineering								
Ethan Iaia (G)	C	University of Alabama, Tuscaloosa	Chemical and Biological Engineering								
Amrit Venkatesh (S)	C	University of Virginia	Department of Chemistry								
Ayyalusamy Ramamoorthy (S)	**PI**	**Florida State University**	**Chemical and Biomedical Engineering**	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK132214	P20575	Structural Characterization of Polymorphic IAPP Aggregates Bound to Ganglioside Lipids	Biology, Biochemistry, Biophysics	1	3
Malitha Chathuranga Dickwella Widanage (P)	C	National High Magnetic Field Laboratory	National High Magnetic Field Laboratory								
Valentin Rodionov (S)	**PI**	**Case Western Reserve University**	**Macromolecular Science and Engineering**	DOE	BES – Basic Energy Sciences	DE-SC0025658	P20576	NMR Studies of ?-Graphyne: Thermal and Photochemical Transformations and Guest Intercalation	Chemistry	6	17.33
Victor Desyatkin (P)	C	Case Western Reserve University	Macromolecular Science and Engineering	Case Western Reserve University	US College and University						
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Amrit Venkatesh (S)	C	University of Virginia	Department of Chemistry								
Magdalena Ivanova (S)	**PI**	**University of Michigan**	**Biophysics**	Japan Society for the Promotion of Science (JSPS)	Non US Foundation	19K22193	P20577	Lipid-protein interactions between bovine heart cytochrome c oxidase and in POPC nanodisc and bicelle lipid bilayer mimetics	Biology, Biochemistry, Biophysics	2	7
Bon Leif Amalla (G)	C	Hokkaido University	Chemistry	Hokkaido University	Other						
Malitha Chathuranga Dickwella Widanage (P)	C	National High Magnetic Field Laboratory	National High Magnetic Field Laboratory								
Ayyalusamy Ramamoorthy (S)	C	Florida State University	Chemical and Biomedical Engineering								
Muniyandi Sankaralingam (S)	**PI**	**National Institute of Technology Calicut**	**Chemistry**	National Institute of Technology, Calicut, for the Faculty Research Grant	Other		P20579	Solid State Structural Characterization of Nickel(II) Complexes	Chemistry	1	3
Malitha Chathuranga Dickwella Widanage (P)	C	National High Magnetic Field Laboratory	National High Magnetic Field Laboratory								
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Ayyalusamy Ramamoorthy (S)	C	Florida State University	Chemical and Biomedical Engineering								
Fan Lam (S)	**PI**	**University of Illinois at Urbana-Champaign**	**Bioengineering**	NIH	NIGMS - National Institute of General Medical Sciences	GM142969	P20584	Noninvasive Imaging of DNA Methylation in Rodent Brains using Epigenetic MRI	Engineering	17	28
Arshia Arbabian (G)	C	Florida State University	Chemical & Biomedical Engineering	Chan Zuckerberg Biohub Chicago leadership grant	Other						
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Anamika Roy (G)	C	Florida State University	Chemical & Biomedical Engineering								
Juergen Senker (S)	**PI**	**University of Bayreuth**	**Inorganic Chemsitry III**	Elitenetzwerk Bayern	Other	Elite Study Program Macromolecular Science	P20590	Formation and Degradation of Microplastic under Simulated Environmental Conditions	Chemistry	2	15
Anika Mauel (G)	C	University of Bayreuth	Inorganic Chemistry III								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Aaron Rossini (S)	**PI**	**Iowa State University**	**Chemistry**	Genentech, Inc.		No number	P20593	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	10	37
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMFL	DOE	BES – Basic Energy Sciences	No number					
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Lamahewage Sujeewa Lamahewage (G)	C	Iowa State University	Chemistry								
Jiashan Mi (G)	C	Iowa State University	Chemistry								
Amrit Venkatesh (S)	C	University of Virginia	Department of Chemistry								
Lukman Yunusa (G)	C	Iowa State University	Chemistry								
Kendra Frederick (S)	**PI**	**University of Texas, Southwestern**	**Biophysics**	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS134921	P20596	Measurement of 31P-13C distances for a membrane-associated protein under DNP conditions	Biology, Biochemistry, Biophysics	3	14.67
Shoyab Ansari (P)	C	University of Texas, Southwestern	Biophysics								
Rania Dumarieh (T)	C	University of Texas Southwestern Medical Center	Biophysics								
Dominique Lagasca (G)	C	University of Texas, Southwestern	Biophysics								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Muniyandi Sankaralingam (S)	**PI**	**National Institute of Technology Calicut**	**Chemistry**	National Institute of Technology Calicut	Other		P20597	Solid State Structural Characterization of ZnI(II) Complexes	Chemistry	2	7
Malitha Chathuranga Dickwella Widanage (P)	C	National High Magnetic Field Laboratory	National High Magnetic Field Laboratory	University funding	Other						
Ayyalusamy Ramamoorthy (S)	C	Florida State University	Chemical and Biomedical Engineering								
Ehud Gazit (S)	**PI**	**Tel Aviv University**	**Life Sciences Faculty**	Templeton foundation	Other		P20598	Characterizing of Metabolite Amyloids Using ssNMR	Biology, Biochemistry, Biophysics	1	4
Malitha Chathuranga Dickwella Widanage (P)	C	National High Magnetic Field Laboratory	National High Magnetic Field Laboratory								
Ayyalusamy Ramamoorthy (S)	C	Florida State University	Chemical and Biomedical Engineering								
Hadi Mohammadigoushki (S)	**PI**	**Florida State University**	**Chemical and Biomedical Engineering**	Rare Earth Initiative	Other		P20600	Dynamics and characterization of cluster formation via inhomogeneous NMR spectroscopy	Engineering	4	14
Jamel Ali (S)	C	Florida Agricultural and Mechanical University	Chemical and Biomedical Engineering	Rare Earth Initiative/gypstack project	Other						
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Munir Humayun (S)	C	National High Magnetic Field Laboratory	Geological Sciences								
Aidan Lowery (G)	C	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
Hadi Mohammadigoushki (S)	C	Florida State University	Chemical and Biomedical Engineering								
Peter Rassolov (P)	C	Florida State University	Chemical and Biomedical Engineering								
Theo Siegrist (S)	C	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Ayyalusamy Ramamoorthy (S)	**PI**	**Florida State University**	**Chemical and Biomedical Engineering**	No other support			P20602	19F based Solid-state NMR investigation of the self-assembly process and amyloid formation by human islet amyloid polypeptide	Biology, Biochemistry, Biophysics	2	10
Steve Bourgault (S)	C	University of Quebec at Montreal	DEPARTMENT OF CHEMISTRY								
Shinho Cho (O)	**PI**	**National High Magnetic Field Laboratory**	**NMR-MRI**	No other support			P20646	Developing functional magnetic resonance imaging: Enhancing Spatial and Temporal Resolution in Ultra-High Field fMRI with 21.1 Tesla (900 MHz)	Biology, Biochemistry, Biophysics	8	29
Lucio Frydman (S)	C	National High Magnetic Field Laboratory	NMR	No other support		Shinho Cho start-up (9107)					
Samuel Grant (S)	C	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering	No other support		Shinho Cho Start-up					
Ehud Gazit (S)	**PI**	**Tel Aviv University**	**Life Sciences Faculty**	University funding	Other		P20651	Atomic-Resolution Characterization of Nano-assemblies of small molecules Using Magic Angle Spinning Solid-State NMR Spectroscopy	Biology, Biochemistry, Biophysics	1	4
Malitha Chathuranga Dickwella Widanage (P)	C	National High Magnetic Field Laboratory	National High Magnetic Field Laboratory								
Ayyalusamy Ramamoorthy (S)	C	Florida State University	Chemical and Biomedical Engineering								

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2024 NMR

Participants (Name, Role, Org., Dept.)					Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Ayyalusamy Ramamoorthy (S)	**PI**	*	**Florida State University**	**Chemical and Biomedical Engineering**	No other support			P20653	Structural Elucidation of Biological Macromolecules Using Novel Nanodiscs and Solid-State NMR Spectroscopy	Biology, Biochemistry, Biophysics	9	75
Kiran Kumar (P)	C		FAMU-FSU College of Engineering	NMR	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK132214					
Sam McCalpin (P)	C		Florida State University	Biomedical Engineering								
Jhinuk Saha (P)	C		National High Magnetic Field Laboratory	NMR- College of Engineering								
Lyndon Emsley (S)	**PI**	*	**Ecole Polytechnique Federale de Lausanne**	**Chemistry**	Swiss National Science Foundation	Other Non US Federal Agency		P20655	Development of Polarizing Agents for Dynamic Nuclear Polarization NMR	Chemistry	2	27
Gilles Casano (T)	C		Aix-Marseille University	Institute of Radical Chemistry								
Gael De Paepe (S)	C		French Alternative Energies and Atomic Energy Commission	Institute for Nanoscience and Cryogenics								
Shubha Gunaga (P)	C		National High Magnetic Field Laboratory	NMR								
Olivier Ouari (S)	C		Aix-Marseille University	Institute of Free Radical Chemistry								
Faith Scott (P)	C		National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Snorri Sigurdsson (S)	C		University of Iceland	Chemistry								
Amrit Venkatesh (S)	C		University of Virginia	Department of Chemistry								
Ayyalusamy Ramamoorthy (S)	**PI**		**Florida State University**	**Chemical and Biomedical Engineering**	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK011322	P20657	Understand slow and intermediate motions of Lysozyme fibrils using MAS ssNMR	Biology, Biochemistry, Biophysics	2	6
Danielle Laurencin (S)	**PI**		**University of Montpellier**	**Institut Charles Gerhardt de Montpellier**	European Research Council	Non US Council	772204	P20664	Advanced 17O ssNMR studies of (bio)materials:understanding structure and dynamics at interfaces	Chemistry	2	17
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								
César Leroy (P)	C		French National Center for Scientific Research	ICGM - UMR 5253								
Frederic Mentink (S)	C		National High Magnetic Field Laboratory	CIMAR								
Thomas-Xavier Métro (S)	C		Institut des Biomolécules Max Mousseron	Equipe Chimie Verte et Technologies Innovantes								
Austin Peach (P)	C		French National Center for Scientific Research	D1 - Materials Chemistry								
Vincent Sarou-Kanian (T)	C		French National Center for Scientific Research	Chemistry								
Faith Scott (P)	C		National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Jessica Spackova (P)	C		University of Montpellier	Chemistry								
Marcella Lusardi (S)	**PI**	*	**Princeton University**	**Chemical and Biological Engineering, Materials Institute**	Princeton University	US College and University	Faculty Start-up Funds	P20672	A new class of heterogenized precious metal catalysts based on functionalized hydrogen-bonded supramolecular assemblies	Engineering	1	2
Kushaan Bahl (G)	C		Princeton University	Chemical Engineering								
Amrit Venkatesh (S)	C		University of Virginia	Department of Chemistry								
Myungwoon Lee (S)	**PI**	*	**Drexel University**	**Chemistry**	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS139178	P20673	Exploring the molecular mechanisms behind membrane-mediated neurodegenerative protein aggregation	Biology, Biochemistry, Biophysics	5	30
Yoongyeong Baek (G)	C		Drexel University	Chemistry	Drexel University	US College and University						
Kwang Hun Lim (S)	**PI**		**East Carolina University**	**Chemistry**	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS097490	P20678	Solid-state NMR studies of toxic misfolded oligomers	Biology, Biochemistry, Biophysics	4	19
Zhehong Gan (S)	C		National High Magnetic Field Laboratory	NHMFL								
Robert Irving (G)	C		East Carolina University	Chemistry								
Sungsool Wi (S)	C		National High Magnetic Field Laboratory	NMR								
Xin Li (S)	**PI**	*	**Harvard University**	**SEAS**	DOE	Other	xxxxx	P20679	MRI of novel solid state Li batteries	Material Science	2	4.5
William Brey (S)	C		National High Magnetic Field Laboratory	NMR								
Leah Casabianca (S)	C		Clemson University	Department of Chemistry								
Srinivasan Chandrashekar (S)	C		Harvard University	SEAS								
Eduard Chekmenev (S)	C		Wayne State University	Chemistry								
Daniel Hallinan (S)	C		Florida State University	Chemical and Biomedical Engineering								
Maham Hasib (G)	C		Harvard University	SEAS								
Daniel Rettenwander (S)	**PI**	*	**Norwegian University of Science and Technology**	**Department of Materials Science and Engineering**	Norwegian University of Science and Technology	Other	internal funding	P20694	Understanding the local structure, transport, and diffusion of Li ions and Na ions in Li2-xNaxZrCl6 with x = 0, 0.5, 1, 1.5, and 2.0	Material Science	5	18
Yan-Yan Hu (S)	C		Florida State University	Chemistry & Biochemistry								
Feng Jin (G)	C		Norwegian University of Science and Technology	materials science and engineering								
Pawan Ojha (G)	C		Florida State University	Chemistry and Biochemistry								
Erica Truong (G)	C		Florida State University	Chemistry and Biochemistry								
Ivana Zlatic (G)	C		Norwegian University of Science and Technology	IMA								
Julius Chung (P)	**PI**	*	**Emory University**	**Emory National Primate Research Center**	No other support			P20731	In vivo CEST parameter quantification at 21.1T	Biology, Biochemistry, Biophysics	3	3
Shinho Cho (O)	C		National High Magnetic Field Laboratory	NMR-MRI								
Samuel Grant (S)	C		National High Magnetic Field Laboratory	Chemical & Biomedical Engineering								
Hahnsung Kim (S)	C		Emory University	Primate Imaging Center								
Phillip Sun (S)	C		Emory University	Emory National Primate Research Center								
Seungwoo Kang (S)	**PI**	*	**Augusta University**	**Department of Pharmacology and Toxicology**	NIH	NIMH - National Institute of Mental Health	MH137204	P20750	Brain-wide signatures of alcohol use disorder and its comorbid psychiatric disorders in cell-type-, circuit-, and age-dependent manners	Biology, Biochemistry, Biophysics	1	3
Shinho Cho (O)	C		National High Magnetic Field Laboratory	NMR-MRI								
Ilya Litvak (S)	**PI**		**National High Magnetic Field Laboratory**	**CIMAR/NMR**	NIH	NIGMS - National Institute of General Medical Sciences	GM148766	P20836	Improvements and upgrades to 600 Solution NMR instrument	Engineering	1	8
William Brey (S)	C		National High Magnetic Field Laboratory	NMR								
									Total Proposals:		**Experiments:**	**Days:**
									81		**760**	**2,793.00**

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Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Jeffrey Long (S)	**PI**	**University of California, Berkeley**	**Chemistry**	NSF	CHE - Chemistry	CHE2102603	P19520	Hard Permanent Magnetism from Mixed-Valence Dilanthanide Complexes with Metal-Metal Bonding	Chemistry	1	5
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Hyunchul Kwon (G)	C	University of California, Berkeley	Chemistry								
Lu Li (S)	**PI**	**University of Michigan**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC0020184	P19528	Search for novel electronic and magnetic state in ultraintensive magnetic fields	Condensed Matter Physics	1	5
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS	NSF	DMR - Division of Materials Research	DMR2317618					
Aaron Chan (G)	C	University of Michigan	Department of Physics								
Kuan-Wen Chen (P)	C	University of Michigan	Physics								
Kaila Jenkins (G)	C	University of Michigan	Department of Physics								
David Mandrus (S)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
Yuji Matsuda (S)	C	Kyoto University	Physics								
Ziji Xiang (P)	C	University of Michigan	Physics								
Dechen Zhang (G)	C	University of Michigan	Department of Physics								
Guoxin Zheng (G)	C	University of Michigan	Department of Physics								
Yuan Zhu (G)	C	University of Michigan	Department of Physics								
Cui-Zu Chang (S)	**PI**	**Pennsylvania State University**	**Physics**	NSF	DMR - Division of Materials Research	DMR1847811	P19621	Interfacial Superconductivity in Bi2Te3/FeTe Heterostructures under High Magnetic Fields	Condensed Matter Physics	1	5
Hemian Yi (P)	C	Pennsylvania State University	Department of physics								
Yi-Fan Zhao (G)	C	Pennsylvania State University	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	2	20
Peter Czajka (P)	C	National Institute of Standards and Technology MD	NCNR								
Corey Frank (P)	C	National Institute of Standards and Technology MD	NCNR								
Thomas Halloran (G)	C	National Institute of Standards and Technology MD	NIST Center for Neutron Research								
Sylvia Lewin (P)	C	University of Maryland, College Park	physics								
Gicela Saucedo Salas (G)	C	University of Maryland, College Park	Physics								
Laurel Winter (S)	C	National High Magnetic Field Laboratory	Physics								
Rubi Km (S)	**PI**	**Los Alamos National Laboratory**	**MPA-MAGLAB**	DOE	BES – Basic Energy Sciences	F101	P19730	High-field magnetotransport in two-dimensional electron systems at the complex oxide interfaces	Condensed Matter Physics	1	10
Anand Bhattacharya (S)	C	Argonne National Laboratory	Materials Science Division & Center for Nanoscale Materials								
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Martin Nikolo (S)	**PI**	**Saint Louis University**	**Physics**	Saint Louis University	US College and University		P19829	Investigation of high magnetic field properties of Kondo insulators via tunnel-diode oscillator technique (TDO) and the magnetic torque in pulsed fields	Condensed Matter Physics	1	5
Shannon Gould (G)	C	Washington University in St. Louis	Physics								
Sheng Ran (S)	C	Washington University in St. Louis	Physics								
Debdeep Jena (S)	**PI**	**Cornell University**	**ECE**	NSF	MRSEC - Materials Research Science and Engineering Centers	DMR-1719875	P19838	GaN-based 2D Electron Systems in the Quantum Regime	Condensed Matter Physics	2	20
Chuan Chang (G)	C	Cornell University	Physics								
Yu-Hsin Chen (G)	C	Cornell University	Material Science and Engineering								
Scott Crooker (S)	C	National High Magnetic Field Laboratory	Nat High Magnetic Field Lab								
Jimy Encomendero (P)	C	Cornell University	Electrical and Computer Engineering								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Huili Xing (S)	C	Cornell University	ECE								
Michael Pettes (S)	**PI**	**Los Alamos National Laboratory**	**Center for Integrated Nanotechnologies**	DOE	LDRD - Laboratory Directed R&D	DE-AA00-00AA00000	P19839	Anomalous High Field Transport in Dirac Semimetals	Material Science	2	18
Marshall Campbell (G)	C	Los Alamos National Laboratory	Center for Integrated Nanotechnologies								
Luis Jauregui (S)	C	University of California, Irvine	Department of Physics and Astronomy								
Caue Kaufmann Ribeiro (G)	C	Los Alamos National Laboratory	MAGLAB								
Jinyu Liu (P)	C	University of California, Irvine	Physics								
Johanna Palmstrom (P)	C	National High Magnetic Field Laboratory	MPA-MAG								
Jun Park (P)	C	Los Alamos National Laboratory	MPA-CINT								
Laurel Winter (S)	C	National High Magnetic Field Laboratory	Physics								
Rubi Km (S)	**PI**	**Los Alamos National Laboratory**	**MPA-MAGLAB**	DOE	BES – Basic Energy Sciences	F10100	P19841	High-field magneto-transport on graphene/SrTiO3 devices	Condensed Matter Physics	2	15
Ariando Ariando (S)	C	National University of Singapore	Department of Physics								
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Junxiong Hu (P)	C	National University of Singapore	Physics								
Minseong Lee (S)	**PI**	**National High Magnetic Field Laboratory**	**MPA-MAG**	DOE	LDRD - Laboratory Directed R&D	DE-AA00-00AA00000	P19848	Kitaev spin liquid phase in a 3d transition metal oxides	Development of Magnet Technology	4	25
Craig Bridges (S)	C	Oak Ridge National Laboratory	Chemical Sciences	DOE	BES – Basic Energy Sciences	0					
Aiping Chen (P)	C	Los Alamos National Laboratory	Center for Integrated Nanotechnologies (MPA-CINT)	DOE	BES – Basic Energy Sciences	0					
Laura Greene (S)	C	National High Magnetic Field Laboratory	Management and Administration								
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics								
William Peria (P)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Lucas Pressley (G)	C	Johns Hopkins University	Chemistry								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Shengzhi Zhang (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
Kimberly Modic (S)	**PI**	**Institute of Science and Technology Austria**	**Physics**	No other support			P19945	Thermodynamic measurements of topological superconductors	Condensed Matter Physics	1	15
Nicholas Butch (S)	C	National Institute of Standards and Technology MD	NIST Center for Neutron Research								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Amit Nathwani (U)	C	Institute of Science and Technology Austria	Physics								
Muhammad Nauman (P)	C	Institute of Science and Technology Austria	Division of Mathematical and Physical Sciences								
Brad Ramshaw (S)	C	Cornell University	Laboratory of Atomic and Solid State Physics								
Arkady Shehter (S)	C	National High Magnetic Field Laboratory	LANL MPA-MAGLAB								
Valeska Zambra (G)	C	Institute of Science and Technology Austria	Physics								
Junjie Yang (S)	**PI**	**New Jersey Institute of Technology**	**Physics**	DOE	BES – Basic Energy Sciences	: DE- SC0021188	P20048	Investigate the large Anomalous Hall Effect over 20 T in a chiral magnet Co1/3TaS2	Condensed Matter Physics	1	5
Sang Wook Cheong (S)	C	Rutgers University	Physics and Astronomy								
Yunpeng Gao (G)	C	New Jersey Institute of Technology	Physics								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Shengzhi Zhang (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
Ariando Ariando (S)	**PI**	**National University of Singapore**	**Department of Physics**	DOE	BES – Basic Energy Sciences	F10100	P20051	Investigation of correlated states in the double-aligned graphene supermoire ` lattice	Condensed Matter Physics	1	10
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Rubi Km (S)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Susannah Speller (S)	**PI**	**University of Oxford**	**Materials**	UK Engineering and Physical Sciences Research Council (EPSRC)	Non US Council	EP/W011743/1	P20133	Effect of irradiation damage on superconducting properties of commercial coated conductors at ultra high field	Material Science	2	15
Kirk Adams (G)	C	University of Oxford	Materials	UK Engineering and Physical Sciences Research Council	Non US Council	EP/W011743/1					
Chris Grovenor (S)	C	University of Oxford	Materials								
William Iliffe (S)	C	CCFE STEP	Confinement Systems								
Boris Maiorov (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB								
James Tufnail (G)	C	University of Oxford	Materials								
Sheng Ran (S)	**PI**	**Washington University in St. Louis**	**Physics**	NSF	DMR - Division of Materials Research	DMR2236528	P20150	Study of high magnetic field induced superconductivity of UTe2	Condensed Matter Physics	1	5
Christopher Broyles (G)	C	Washington University in St. Louis	Physics								
Shannon Gould (G)	C	Washington University in St. Louis	Physics								
Martin Nikolo (S)	C	Saint Louis University	Physics								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Sangyun Lee (S)	**PI**	**National High Magnetic Field Laboratory**	**Department of Physics**	DOE	BES – Basic Energy Sciences	0	P20151	High field studies of a new Shastry-Sutherland lattice compound.	Condensed Matter Physics	1	4
Huibo Cao (S)	C	Oak Ridge National Laboratory	Neutron scattering								
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								
Tai Kong (S)	C	University of Arizona	Department of Physics								
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Sang Wook Cheong (S)	**PI**	**Rutgers University**	**Physics and Astronomy**	Max Planck institute in Postech	Non US College and University	2022M3H4A1A04074153	P20158	High field studies of magnetoelectricity of a zigzag 1D antiferromagnetic chain.	Condensed Matter Physics	2	10
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics								
Choongjae Won (P)	C	Pohang University of Science and Technology	Physics								
Mijkhail Eremets (S)	**PI**	**Max Planck Institute for Chemistry, Mainz**	**Chemistry and Physics at High Pressures Group**	Max Plank Institute for Chemistry	Non US Government Lab		P20272	Hydrogen-Rich High Temperature Superconductors	Condensed Matter Physics	2	15
Fedor Balakirev (S)	C	National High Magnetic Field Laboratory	PFF								
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Vasily Minkov (S)	C	Max Planck Institute for Chemistry, Mainz	Chemistry and Physics at High Pressures Group								
G. Alexander Smith (P)	C	Los Alamos National Laboratory	MPA-MAGLAB								

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Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Philip Moll (S)	**PI**	**Max Planck Institute for Structure and Dynamics of Matter, Hamburg**	**Max Planck Institute for Structure and Dynamics of Matter**	No other support			**P20283**	True nature of exotic high field state in UTe2: a field-polarized metal or a field-boosted superconductor?	Condensed Matter Physics	1	5
Priscila Ferrari Silveira Rosa (P)	C	Los Alamos National Laboratory	MPA-CMMS								
Chunyu Guo (S)	C	Max Planck Institute for Structure and Dynamics of Matter, Hamburg	MQM								
Carsten Putzke (U)	C	University of Bristol	Physics								
Ling Zhang (G)	C	Max Planck Institute for Structure and Dynamics of Matter, Hamburg	MQM								
Makariy Tanatar (S)	**PI**	* **Ames Laboratory**	**Division of material science and engineering**	DOE	BES – Basic Energy Sciences	DEAC02- 07CH11358	**P20338**	Fermiology of miassite mineral superconductor Rh17S15 and related materials	Material Science	2	10
Fedor Balakirev (S)	C	National High Magnetic Field Laboratory	PFF	DOE	BES – Basic Energy Sciences	DE-AC02-07CH11358					
Sergey Bud'ko (S)	C	Ames Laboratory	Physics and Astronomy								
Paul Canfield (S)	C	Ames Laboratory	Physics & Astronomy								
Elizabeth Krenkel (G)	C	Ames Laboratory	Department of Physics and Astronomy								
Ruslan Prozorov (S)	C	Ames Laboratory	Physics								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Janice Musfeldt (S)	**PI**	**University of Tennessee, Knoxville**	**Department of Chemistry**	NSF	DMR - Division of Materials Research	DMR12345__	**P20344**	High field spectroscopy of materials with broken symmetries and strong spin-orbit coupling	Chemistry	1	5
Scott Crooker (S)	C	National High Magnetic Field Laboratory	Nat High Magnetic Field Lab								
Yanhong Gu (P)	C	University of Tennessee, Knoxville	Chemistry								
Kevin Smith (P)	C	University of Tennessee, Knoxville	Chemistry								
Robert McQueeney (S)	**PI**	**Ames Laboratory**	**physics & astronomy**	DOE	BES – Basic Energy Sciences	DE-AC02-07CH11358	**P20362**	Pulsed magnetic field studies of topological magnetic Kagome compounds	Condensed Matter Physics	7	40
Joanna Blawat (P)	C	National High Magnetic Field Laboratory	NHMFL	DOE	BES – Basic Energy Sciences	DE-AC02-07CH11358					
Paul Canfield (S)	C	Ames Laboratory	Physics & Astronomy								
Tianxiong Han (G)	C	Iowa State University	Department of Physics								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Tyler Slade (S)	C	Ames Laboratory	Physics								
Benjamin Ueland (S)	C	Ames Laboratory	Division of Materials Sciences and Engineering								
Gennady Logvenov (S)	**PI**	* **Max Planck Institute for Solid State Research, Stuttgart**	**Thin Film Technology Facility**	Max Plank Institute for Solid State Research	Non US Government Lab		**P20378**	High Magnetic Field Magnetotransport in Artificial Cuprate Superlattices	Condensed Matter Physics	1	5
Fedor Balakirev (S)	C	National High Magnetic Field Laboratory	PFF								
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment								
Antonio Bianconi (S)	C	National Research Council CNR	Institute of Crystallography								
G. Alexander Smith (P)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Charles Ahn (S)	**PI**	* **Yale University**	**Applied Physics**	DOE	BES – Basic Energy Sciences	DE-SC0019211	**P20381**	High field magneto-transport study of Nd1-xEuxNiO2 thin films	Condensed Matter Physics	2	10
Dung Vu (P)	C	Yale University	Applied Physics								
Frederick Walker (S)	C	Yale University	Applied Physics								
Wenzheng Wei (G)	C	Yale University	Applied Physics								
Christopher Mizzi (S)	**PI**	**National High Magnetic Field Laboratory**	**MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP**	NSF	DMR - Division of Materials Research	DMR2128556	**P20382**	Expanding Non-Linear Transport Capabilities in Pulsed Fields with Dynamic Range and in situ Voltage Compensation	Condensed Matter Physics	1	5
Fedor Balakirev (S)	C	National High Magnetic Field Laboratory	PFF								
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Boris Maiorov (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB								
Christopher Mizzi (S)	**PI**	**National High Magnetic Field Laboratory**	**MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP**	DOE	LDRD - Laboratory Directed R&D	DE-AA99-99AA99999	**P20401**	Symmetry-Sensitive Detection of a Novel Magnetic Phase	Condensed Matter Physics	2	10
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG	DOE	LDRD - Laboratory Directed R&D	DE-AA00-00AA00000					
Boris Maiorov (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB								
Haidong Zhou (S)	C	University of Tennessee, Knoxville	Physics and Astronomy								
James Analytis (S)	**PI**	**University of California, Berkeley**	**Physics**	DOD	US Air Force	#MC2276	**P20412**	High Magnetic field Investigations of the Eu122 candidate Axionic Insulators	Biology, Biochemistry, Biophysics	2	15
Yuanqi Lyu (G)	C	University of California, Berkeley	Physics	DOE	MSE - Materials Science and Engineering	DE-SC0205112					
Vikram Nagarajan (G)	C	University of California, Berkeley	Physics								
Luke Pritchard Cairns (P)	C	University of California, Berkeley	Physics								
Kohtaro Yamakawa (G)	C	University of California, Berkeley	Physics								
Krzysztof Gofryk (S)	**PI**	**Idaho National Laboratory**	**Nuclear Materials**	DOE	BES – Basic Energy Sciences	core program	**P20418**	Strong magneto-elastic coupling in strongly correlated uranium systems probed by high magnetic fields	Condensed Matter Physics	2	12
Volodymyr Buturlim (P)	C	Idaho National Laboratory	Nuclear Materials	DOE	BES – Basic Energy Sciences	BES core program					
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics	DOE	LDRD - Laboratory Directed R&D	DE-AC07-05ID14517					
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Sabin Regmi (P)	C	Idaho National Laboratory	IRRADIATED FUELS AND MATERIALS								
Johanna Palmstrom (P)	**PI**	**National High Magnetic Field Laboratory**	**MPA-MAG**	DOE	BES – Basic Energy Sciences	DE-AC02-06CH11357	**P20419**	In-situ strain measurements of quantum materials in extreme magnetic fields	Condensed Matter Physics	7	56
Paul Canfield (S)	C	Ames Laboratory	Physics & Astronomy	DOE	BES – Basic Energy Sciences	LANL F100					
Mun Chan (S)	C	National High Magnetic Field Laboratory	Pulsed field Facility	DOE	BES – Basic Energy Sciences	3N070A XXUX 00000000					
Aiping Chen (P)	C	Los Alamos National Laboratory	Center for Integrated Nanotechnologies (MPA-CINT)	DOE	LDRD - Laboratory Directed R&D	DE-AA00-00AA00000					
Jiun-Haw Chu (S)	C	University of Washington	Physics	DOE	BES – Basic Energy Sciences	3N070A-XXUX-00000000					
Jason Dong (G)	C	University of California, Santa Barbara	Materials	FAPESP	Other	2022/15955-5					
Yilmaz Gul (P)	C	University of California, Santa Barbara	Electronic and Computer engineering								
Caue Kaufmann Ribeiro (G)	C	Los Alamos National Laboratory	MAGLAB								
Brinda Kuthanazhi (G)	C	Ames Laboratory	Division of Material Sciences and Engineering								
Robert McQueeney (S)	C	Ames Laboratory	physics & astronomy								
Ajeesh Mukkattu Omanakuttan (P)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Chris Palmstrom (S)	C	University of California, Santa Barbara	ECE-Material Science								
VIKAS SAINI (P)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Tyler Slade (S)	C	Ames Laboratory	Physics								
Sean Thomas (S)	C	Los Alamos National Laboratory	MPA-Q								
Benjamin Ueland (S)	C	Ames Laboratory	Division of Materials Sciences and Engineering								
Tyler Slade (S)	**PI**	* **Ames Laboratory**	**Physics**	DOE	BES – Basic Energy Sciences	DE-AC02-07CH11358	**P20516**	Pulsed magnetic field studies of XPtSP magnetic topological semimetals	Condensed Matter Physics	2	14
Joanna Blawat (P)	C	National High Magnetic Field Laboratory	NHMFL	DOE	BES – Basic Energy Sciences	DE-AC02-07CH11358					
Paul Canfield (S)	C	Ames Laboratory	Physics & Astronomy								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Robert McQueeney (S)	C	Ames Laboratory	physics & astronomy								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Linlin Wang (S)	C	Ames Laboratory	Materials Science and Engineering								
Allen Scheie (S)	**PI**	* **Los Alamos National Laboratory**	**MPA-Q**	DOE	BES – Basic Energy Sciences	0	**P20517**	Quantum spin liquid phase in rare-earth triangular lattice antiferromagnets	Condensed Matter Physics	1	5
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Shengzhi Zhang (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
Anthony Bollinger (S)	**PI**	* **Brookhaven National Laboratory**	**Condensed Matter Physics and Materials Science Division**	DOE	BES – Basic Energy Sciences	FWP MA-509-MACA	**P20524**	Magnetoresistance in the Strange Metal Phase of La(2-x)Sr(x)CuO(4)	Condensed Matter Physics	1	5
Ivan Bozovic (S)	C	Brookhaven National Laboratory	Condensed Matter and Materials Science								
Xi He (S)	C	Brookhaven National Laboratory	Condensed Matter Physics and Materials Science Division								
Joseph Checkelsky (S)	**PI**	**Massachusetts Institute of Technology**	**Physics**	DOD	ARO - Army Research Office		**P20531**	High Field Studies of Superconducting Superlattices	Condensed Matter Physics	2	15
Alan Chen (G)	C	Massachusetts Institute of Technology	EECS								
Maximilien Debbas (G)	C	Massachusetts Institute of Technology	Physics								
Paul Neves (G)	C	Massachusetts Institute of Technology	Physics								
Joshua Wakefield (G)	C	Massachusetts Institute of Technology	Physics								
Haidong Zhou (S)	**PI**	**University of Tennessee, Knoxville**	**Physics and Astronomy**	NSF	DMR - Division of Materials Research	DMR0000000	**P20537**	High-Field Studies of High-Pressure Superconductivity in Bulk Nickelates	Condensed Matter Physics	1	10
Fedor Balakirev (S)	C	National High Magnetic Field Laboratory	PFF								
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Boris Maiorov (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB								
Christopher Mizzi (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP								
G. Alexander Smith (P)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Joanna Blawat (P)	**PI**	* **National High Magnetic Field Laboratory**	**NHMFL**	No other support			**P20538**	High magnetic field studies of CePd-based heavy fermion compounds	Condensed Matter Physics	5	32
Grzegorz Chajewski (P)	C	Institute of Low Temperature and Structure Research, Polish Academy of Sciences	Division of Magnetic Research								
Dariusz Kaczorowski (S)	C	Institute of Low Temperature and Structure Research, Polish Academy of Sciences	Magnetic Research Division								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Sunil Karna (S)	**PI**	**Prairie View A&M University**	**Physics Department**	NSF	DMR - Division of Materials Research	DMR2302420	**P20543**	Investigation of parallel critical field in Re and Re/Al bilayer thin films	Condensed Matter Physics	1	5
Philip Adams (S)	C	Louisiana State University	Physics and Astronomy								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
David Young (S)	C	Louisiana State University	Physics and Astronomy								

2024 MagLab User Proposals

2024 PFF

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Tomasz Klimczuk (S)	**PI**	* **Gdansk University of Technology**	**Department of Applied Physics**	No other support			**P20544**	High magnetic field study of topological superconductors	Condensed Matter Physics	1	8
Hanna Swiatek (G)	C	Gdansk University of Technology	Faculty of Applied Physics and Mathematics								
Bartlomiej Wiendlocha (S)	C	AGH University of Science and Technology	Faculty of Physics and Applied Computer Science, Department of Condensed Matter Physics								
Michal Winiarski (S)	C	Gdansk University of Technology	Faculty of Applied Physics and Mathematics								
Dariusz Kaczorowski (S)	**PI**	* **Institute of Low Temperature and Structure Research, Polish Academy of Sciences**	**Magnetic Research Division**	No other support			**P20546**	Entangled Magnetic Phase in EuM2X2 Compounds in High Magnetic Fields	Condensed Matter Physics	1	5
Shovan Dan (P)	C	Institute of Low Temperature and Structure Research, Polish Academy of Sciences	Department of Magnetic Research								
Piotr Wisniewski (S)	C	Institute of Low Temperature and Structure Research, Polish Academy of Sciences	Division of Magnetic Research								
Felix Trier (S)	**PI**	* **Technical University of Denmark**	**DTU Energy**	Villum foundation	Non US Foundation	37338	**P20620**	Complex oxide-based two-dimensional electronic systems in high magnetic fields	Condensed Matter Physics	1	5
Amit Chanda (P)	C	Technical University of Denmark	DTU Energy								
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Thor Hvid-Olsen (G)	C	Technical University of Denmark	DTU Energy								
Rubi Km (S)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Emilia Morosan (S)	**PI**	**Rice University**	**Physics and Astronomy**	ICAM and the Gordon and Betty Moore Foundation	Other	GBMF9616	**P20623**	High Field Susceptibility, Magnetization and Resistivity Measurements in Gd5Pb3	Condensed Matter Physics	1	5
Karthik Rao (G)	C	Rice University	Physics and Astronomy								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Brian Maple (S)	**PI**	**University of California, San Diego**	**Inst for Pure & Applied Physical Sciences**	DOE	NNSA - National Nuclear Security Administration	DE-NA0004086	**P20631**	Conducting surface state in FeSi at high magnetic field and high pressure	Condensed Matter Physics	1	5
Fedor Balakirev (S)	C	National High Magnetic Field Laboratory	PFF	DOE	BES – Basic Energy Sciences	DE-FG02-04ER46105					
Yuhang Deng (P)	C	University of California, San Diego	Physics								
Keke Feng (P)	C	University of California, San Diego	Physics								
Eric Lee-Wong (G)	C	University of California, San Diego	Physics Department								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Lu Li (S)	**PI**	**University of Michigan**	**Physics**	DOE	BES – Basic Energy Sciences	DE-SC0020184	**P20635**	Search for novel electronic and magnetic state in ultraintensive magnetic fields	Condensed Matter Physics	3	15
Kaila Jenkins (G)	C	University of Michigan	Department of Physics	NSF	DMR - Division of Materials Research	DMR2317618					
Patrick Lee (S)	C	Massachusetts Institute of Technology	Physics Department								
David Mandrus (S)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
Yuji Matsuda (S)	C	Kyoto University	Physics								
Dechen Zhang (G)	C	University of Michigan	Department of Physics								
Guoxin Zheng (G)	C	University of Michigan	Department of Physics								
Yuan Zhu (G)	C	University of Michigan	Department of Physics								
Oliver Bierwagen (S)	**PI**	* **Paul Drude Institute for Solid State Electronics**	**Epitaxy**	Leibniz-Gemeinschaft	Other	K74/2017	**P20639**	Investigating High-Field Magnetotransport in Two-Dimensional Electron Gas at the LaInO3/BaSnO3 Interface	Condensed Matter Physics	1	5
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Georg Hoffmann (P)	C	Paul Drude Institute for Solid State Electronics	Epitaxy								
Rubi Km (S)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Bing Lv (S)	**PI**	* **University of Texas, Dallas**	**Physics**	DOD	US Air Force	FA9550-19-1-0037	**P20642**	High-field studies on a new high entropy Kagome system	Condensed Matter Physics	1	5
Wenhao Liu (P)	C	university of texas at dallas	Physics	DOD	ONR - Office of Naval Research	N00014-23-1-2020					
Christopher Mizzi (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB: MPA-MAG LAB NHMFL GROUP	NSF	DMR - Division of Materials Research	DMR2324033					
Xiaojian Bai (S)	**PI**	* **Louisiana State University**	**Physics**	Louisiana State University	US College and University		**P20701**	Probing hybridized quasiparticles in quantum magnets using high magnetic field	Condensed Matter Physics	1	5
Qing Huang (G)	C	University of Tennessee, Knoxville	Physics								
Ariando Ariando (S)	**PI**	**National University of Singapore**	**Department of Physics**	Ministry of Education, Singapore	Non US Ministry	MOET2EP50121-0018	**P20723**	Probing Fermi surface and upper critical fields of infinite-layer nickelate superconductors	Condensed Matter Physics	1	5
Lin Er Chow (P)	C	National University of Singapore	Physics	Ministry of Education, Singapore	Non US Ministry	MOE-T2EP50123-0013					
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Rubi Km (S)	C	Los Alamos National Laboratory	MPA-MAGLAB								
King Yau Yip (P)	C	National University of Singapore	Physics								
Wei Zhang (P)	C	National University of Singapore	Physics								
Doan Nguyen (S)	**PI**	**National High Magnetic Field Laboratory**	**Pulsed Field Facility**	NSF	DMR - Division of Materials Research	DMR1644779	**P20790**	Development of new magnetization probe to measure Jc(B,T) for HTS film sample	Material Science	1	10
Gary Noe (T)	C	National High Magnetic Field Laboratory	National High Magnetic Field Laboratory - Pulsed Field Facility								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
								Total Proposals:		**Experiments:**	**Days:**
								47		**82**	**539**