

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used	
Matthew Eddy (S)	PI	University of Florida	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM138291	P19419	ML-EDDY-002: Small molecule fragment screening with GPCRs in natural membranes by HRMAS NMR	Biology, Biochemistry, Biophysics	1	6.5
Kara Anazia (G)	C	University of Florida	Chemistry department								
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology								
Streyashi Das (G)	C	University of Florida	Chemistry								
Niloofer Gopal Pour (G)	C	University of Florida	Chemistry								
Hala Hachem (G)	C	University of Florida	Chemistry								
Michael Harris (S)	C	University of Florida	Chemistry								
Beining (Kim) Jin (G)	C	University of Florida	Chemistry								
Emma Mulry (G)	C	University of Florida	Chemistry								
Nessa Pesaran Afsharian (G)	C	University of Florida	Chemistry								
Enzo Petracco (G)	C	University of Florida	Chemistry								
Arka Prabha Ray (G)	C	University of Florida	Chemistry								
Naveen Thakur (G)	C	University of Florida	Chemistry								
Anuradha Wijesekara (G)	C	University of Florida	Chemistry								
Jeffrey Rudolf (S)	PI	University of Florida	Chemistry	No other support			P19437	Bacterial terpenoids and their biosynthesis	Biology, Biochemistry, Biophysics	1	9.33
Tyler Alsop (G)	C	University of Florida	Chemistry								
Michelle Ehrenberger (G)	C	University of Florida	Chemistry								
Daniel Icenhour (G)	C	University of Florida	Chemistry								
Zining Li (P)	C	University of Florida	Chemistry								
Caitlin McCadden (G)	C	University of Florida	Chemistry								
Wenbo Ning (G)	C	University of Florida	Chemistry								
Diana Stancic (G)	C	University of Florida	Chemistry								
Emma Stowell (G)	C	University of Florida	Chemistry								
Xiuting Wei (G)	C	University of Florida	Chemistry								
Baofu Xu (P)	C	University of Florida	chemistry								
Jonathan Judy (S)	PI	University of Florida	Soil and Water Sciences	South Florida Water Management District	Other		P19466	Evaluating the Nature of Phosphorus Entering, Within and Leaving Everglades Stormwater Treatment Areas (STAs)	Chemistry	1	27.5
Jehangir Bhadha (S)	C	Everglades Research and Education Center at UF	Soil, Water, and Ecosystem Sciences								
A. Caroline Buchanan (G)	C	University of Florida	Ag - Soil and Water Science								
Amanda Chappell (G)	C	University of Florida	Environmental Engineering Sciences								
MD Anik Mahmud (G)	C	University of Florida	Soil, Water, and Ecosystem Sciences								
Elise Morrison (S)	C	University of Florida	Environmental Engineering Sciences								
Lilit Vardanyan (S)	C	University of Florida	Soil and Water Science								
Michael Harris (S)	PI	University of Florida	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM127100	P19469	ML-HARRIS-001: Analysis of RNA induced protein folding during ribonucleoprotein assembly	Biology, Biochemistry, Biophysics	1	2.5
Streyashi Das (G)	C	University of Florida	Chemistry	NSF	DMR - Division of Materials Research	DMR2339330					
Matthew Eddy (S)	C	University of Florida	Chemistry								
Emma Mulry (G)	C	University of Florida	Chemistry								
Sandra Loesgen (S)	PI	University of Florida	Chemistry	No other support			P19658	Structural characterization of novel microbial metabolites and their biological activity	Chemistry	1	2.5
Erin Marshall (G)	C	University of Florida	Whitney Lab								
Federica Montesanto (P)	C	University of Florida	Whitney Lab								
Bastien Pettit (P)	C	University of Florida	Whitney Lab								
Bill Baker (S)	PI	University of South Florida	Chemistry	No other support			P19767	Natural Product Drug Discovery for Infectious Diseases and the need for High-Sensitivity NMR Equipment	Biology, Biochemistry, Biophysics	1	18.5
Sam Afoullouss (P)	C	University of South Florida	USF Chemistry								
Joe Bracegirdle (P)	C	University of South Florida	Chemistry								
Stine Sofie Olsen (G)	C	University of South Florida	USF Chemistry								
Fransua Sharafeddin (G)	C	Loma Linda University	Basic Sciences, Physiology								
Julio Sierra (G)	C	Loma Linda University	Basic Sciences, Physiology								
Benjamin Smith (G)	C	University of Florida	Chemistry								
Josh Welsch (G)	C	University of South Florida	USF Chemistry								
Jennifer Williams (G)	C	University of South Florida	USF Chemistry								
Zachary Smith (S)	PI	Massachusetts Institute of Technology	Chemical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2034734	P19806	PFG NMR quantification of gas diffusion inside composite membranes based on metal-organic frameworks as a function of diffusion length scale and membrane composition	Engineering	1	19
Omar Boloki (G)	C	University of Florida	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								
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering								
Ryan Lively (S)	PI	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering,	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2135662	P19852	Influence of polymer crosslinking on microscopic diffusion in ZIF-based mixed-matrix membranes by high field diffusion NMR	Engineering	1	14.5
Rebecca Bivins (G)	C	Georgia Institute of Technology	Chemical and Biomolecular Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2135766					
Blake Trusty (G)	C	University of Florida	Chemical Engineering								
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering								
Young Hee Yoon (G)	C	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering								
Anastasios Angelopoulos (S)	PI	University of Cincinnati	Department of Chemical and Environmental Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1836551	P19860	ML-ANGELOPOULOS-002: Quantification of diffusion of molecules with the "Janus" structure in Nafion by high field diffusion NMR	Engineering	1	40.67
Sarah Barber (G)	C	University of Cincinnati	Department of Chemical and Environmental Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1836556					
Omar Boloki (G)	C	University of Florida	Chemical Engineering								
Junchuan Fang (G)	C	University of Cincinnati	Chemical Engineering								
Jonathan Nickels (S)	C	University of Cincinnati	Department of Chemical and Environmental Engineering								
Blake Trusty (G)	C	University of Florida	Chemical Engineering								
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering								

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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	14.5							
Coray Colina (S)	C	University of Florida	Chemistry	NSF	DMR - Division of Materials Research DMR2339330												
Streyashi Das (G)	C	University of Florida	Chemistry														
Matthew Eddy (S)	C	University of Florida	Chemistry														
Emma Mulry (G)	C	University of Florida	Chemistry														
Brent Sumerlin (S)	C	University of Florida	Chemistry														
Shahabeddin Vahdat (S)	PI	University of Florida	Applied Physiology and Kinesiology	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases DK132003	P19971	ML-VAHDAT-001: Identification of neural mechanisms of force control using awake mouse optogenetic fMRI	Biology, Biochemistry, Biophysics	1	5.5							
Vishwas Jindal (G)	C	University of Florida	Applied Physiology and Kinesiology	NIH	NIBIB - National Institute for Biomedical Imaging and Bioengineering EB031249												
Sushain Kaul (G)	C	University of Florida	Biomedical Engineering														
Isabella Pinto (U)	C	University of Florida	Physiological Sciences														
Shane Priester (G)	C	University of Florida	Physiological Sciences														
David Vaillancourt (S)	C	University of Florida	Applied Physiology and Kinesiology														
Daniel Wesson (S)	C	University of Florida	Pharmacology														
Daniel R. Talham (S)	PI	University of Florida	Chemistry	NSF	DMR - Division of Materials Research DMR1904596	P20026	Self-Assembled Polymer Nanostructures as paraCEST MRI Contrast Agents	Chemistry	1	32.33							
Diba Allameh Zadeh (G)	C	University of Florida	Chemistry														
Brent Sumerlin (S)	C	University of Florida	Chemistry														
Lee Sweeney (S)	PI	University of Florida	Pharmacology & Therapeutics														
Sean Forbes (S)	C	University of Florida	Departments of Physical Therapy and Physiology														
Cora Hart (G)	C	University of Florida	Pharmacology and Therapeutics														
Mark Mattingly (S)	C	Brucker Biospin	Biospin	NIH	NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases AR052646	P20062	Interrogating the role of perturbed bioenergetics in the dystrophin-deficient heart	Biology, Biochemistry, Biophysics	1	3							
Glenn Walter (S)	C	University of Florida	Physiology and Aging														
Johnny Figueroa (S)	PI	Loma Linda University	Center for Health Disparities and Molecular Medicine														
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	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases DK124727	P20078	NEUROANATOMIC ABNORMALITIES IN STRESS-INDUCED OBESITY	Biology, Biochemistry, Biophysics	1	30.5							
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														
Perla Ontiveros-Ángel (G)	C	Loma Linda University	Center of Health Disparities and Molecular Medicine														
Marjory Pompilus (G)	C	University of Florida	Psychiatry														
Timothy Simon (U)	C	Loma Linda University	Neuroscience														
Julio Vega-Torres (G)	C	Loma Linda University	Center of Health Disparities and Molecular Medicine														
Malisa Samtiranont (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	14
Thomas Mareci (S)	C	University of Florida	Biochemistry and Molecular Biology														
Jennifer Munson (S)	C	virginia tech	Biomedical Engineering and Mechanics														
Isabel Rivera Santiago (G)	C	University of Florida	Mechanical Engineering														
Robert McKenna (S)	PI	University of Florida	Biochemistry and Molecular Biology	NIH	NIAD - National Institute of Allergy and Infectious Diseases AI149304	P20173	Structural studies of the receptor binding domain of human parvovirus B19	Biology, Biochemistry, Biophysics	1	16.33							
Maria Luiza Caldas Nogueira (P)	C	University of Florida	Biochemistry and Molecular Biology	NIH	NIGMS - National Institute of General Medical Sciences GM082946												
Renuk Lakshmanan (P)	C	University of Florida	Biochemistry and Molecular Biology	No other support		P20193	Cryocooled X-nucleus Coil	Biology, Biochemistry, Biophysics	1	1							
Joanna Long (S)	C	University of Florida	Biochemistry & Molecular Biology														
Thomas Mareci (S)	PI	University of Florida	Biochemistry and Molecular Biology														
William Brey (S)	C	National High Magnetic Field Laboratory	NMR														
Greg Dowling (O)	C	University of Florida	AMRIS Facility														
Matthew Merritt (S)	C	University of Florida	Biochemistry and Molecular Biology	AMRIS Affiliated Faculty & Staff													
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														
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	16	
Sean Najmi (P)	C	University of Delaware	Chemical Engineering	University of Delaware													
Esun Selvam (G)	C	University of Delaware	Chemical and Biomolecular Engineering														
Ryan Lively (S)	PI	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering														
Rebecca Bivins (G)	C	Georgia Institute of Technology	Chemical and Biomolecular Engineering														
Sree Laxmi (G)	C	University of Florida	Chemical Engineering Department														
Blake Trusty (G)	C	University of Florida	Chemical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems CBET - Chemical, Bioengineering, Environmental, and Transport Systems	P20207	Quantifying Microscopic Liquid Diffusion inside Carbon Molecular Sieve Membranes	Engineering	1	30.5							
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering														
Brent Sumerlin (S)	PI	University of Florida	Chemistry														
Rosana Assunção (S)	C	Federal University of Uberlândia do Pontal	Institute of Exact and Natural Sciences of Pontal														
Marcos Ferreira (G)	C	University of Florida	Department of Chemistry														
Anil Mehta (S)	C	University of Florida	AMRIS	No other support		P20225	Synthesis of Enzyme-Cellulose Derivatives Bioconjugates by Thiol-Yne Click Reaction	Chemistry	1	8							
Rodrigo Panatieri (S)	C	Federal University of Uberlândia do Pontal	Institute of Exact and Natural Sciences of Pontal														
Zachary Smith (S)	PI	Massachusetts Institute of Technology	Chemical Engineering														
Omar Bolok (G)	C	University of Florida	Chemical Engineering														
Eric Hahnert (G)	C	Massachusetts Institute of Technology	Chemical Engineering														
Philippe Jean-Baptiste (G)	C	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	14.5							
Samuel Kaser (G)	C	Massachusetts Institute of Technology	Chemical Engineering														
Sree Laxmi (G)	C	University of Florida	Chemical Engineering Department														
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering														

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
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	82
Maria Luiza Caldas Nogueira (P)	C	University of Florida	Biochemistry and Molecular Biology								
Joanna Long (S)	C	University of Florida	Biochemistry & Molecular Biology								
Chase Norton (T)	C	University of Florida	UF Biochemistry								
Evelyn Patterson (U)	C	University of Florida	CoM								
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	No other support			P20339	Unlocking legacy phosphorus from soils and sediments to meet agricultural demand and a healthy environment.	Biology, Biochemistry, Biophysics	1	11
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	220.33
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 corlab, prosol tables, or shim files (formerly P17542 and P19554)	Development of Magnet Technology	1	117.67
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	122.5
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	20
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	34.67
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								
Zhongwu Guo (S)	PI *	University of Florida	Chemistry	No other support			P20426	2H and 31P NMR characterization of Novel Glycolipid Analogs	Chemistry	1	17.33
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								
Jeffrey Rudolph (S)	PI	University of Florida	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM142574	P20449	ML-RUDOLF-002 Exploring the Chemical Space of Bacterial Terpenes	Chemistry	1	8.33
Tyler Alsop (G)	C	University of Florida	Chemistry								
Michelle Ehrenberger (G)	C	University of Florida	Chemistry								
Daniel Icenhour (G)	C	University of Florida	Chemistry								
Zining Li (P)	C	University of Florida	Chemistry								
Caitlin McCadden (G)	C	University of Florida	Chemistry								
Wenbo Ning (G)	C	University of Florida	Chemistry								
Diana Stancic (G)	C	University of Florida	Chemistry								
Emma Stowell (G)	C	University of Florida	Chemistry								
Xiuting Wei (G)	C	University of Florida	Chemistry								
Baofu Xu (P)	C	University of Florida	chemistry								
Tracy Centanni (S)	PI *	University of Florida	Speech, Language, and Hearing Sciences	NIH	NICHHD - 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	2.5
Brenton Cooper (S)	C	Texas Christian University	Psychology								
Songli Han (S)	PI *	University of California, Santa Barbara	Department of Chemistry and Biochemistry	NIH	Other	5F32GM143925	P20460	ML-HAN-001: Probing the Structure and Dynamics of Protein-Like Polymers Using 1H and 13C HRMAS NMR	Biology, Biochemistry, Biophysics	1	7.5
Jinlei Cui (G)	C	Washington University in St. Louis	Chemistry								
Omar Ebrahim (G)	C	Northwestern University	Northwestern Biomedical Engineering								
Nathan Gianneschi (S)	C	Northwestern University	Northwestern Chemistry								
Julia Oktawiec (P)	C	Northwestern University	Northwestern Biomedical Engineering								
Radoslav Pavlovic (P)	C	Northwestern University	Simpson Querrey Institute for Bionanotechnology								
Total Proposals:										Experiments:	Days:
									32	32	971

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used	
David Vaillancourt (S)	PI	University of Florida	Applied Physiology and Kinesiology	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS058487	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	12
Roxana Burciu (P)	C	University of Florida	Applied Physiology and Kinesiology	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS075012				
Marcelo Febo (S)	C	University of Florida	Psychiatry	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS082168				
Hong Li (S)	C	Florida State University	Chemistry							
Yuning Li (S)	C	University of Florida	Neurology							
Johanna McCracken (U)	C	University of Florida	Applied Physiology and Kinesiology							
Nikolaus McFarland (S)	C	University of Florida	Department of Neurology							
Edward Olori (P)	C	University of Florida	Laboratory for Rehabilitation Neuroscience							
Michael Okun (S)	C	University of Florida	Neurology							
Matthew Merritt (S)	PI	University of Florida	Biochemistry and Molecular Biology	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK105346				
Mario Chang Reyes (G)	C	University of Florida	Biochemistry & Molecular Biology	NIH	NIBIB - National Institute for Biomedical Imaging and Bioengineering	EB032376				
Anthony Giacalone (T)	C	University of Florida	Biochemistry/ Molecular Biology							
Marc McLeod (G)	C	University of Florida	Biochemistry and Molecular Biology							
Makundan Rajeevan (S)	C	St. Jude Children's Research Hospital	Biochemistry and NMR Spectroscopy							
Anna Rushin (G)	C	University of Florida	Biochemistry and Molecular Biology							
Matthew Eddy (S)	PI	University of Florida	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM138291	[EDDY-001: [Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	158
Kara Anazia (G)	C	University of Florida	Chemistry department							
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology							
Nikoloz Gopal Pour (G)	C	University of Florida	Chemistry							
Hala Hachem (G)	C	University of Florida	Chemistry							
Michael Harris (S)	C	University of Florida	Chemistry							
Beining (Kim) Jin (G)	C	University of Florida	Chemistry							
Emma Muly (G)	C	University of Florida	Chemistry							
Nessa Petaran Alsharian (G)	C	University of Florida	Chemistry							
Enzo Petrazzo (G)	C	University of Florida	Chemistry							
Arka Prabha Ray (G)	C	University of Florida	Chemistry							
Naveen Thakur (G)	C	University of Florida	Chemistry							
Anuradha Wijesekara (G)	C	University of Florida	Chemistry							
Marcelo Febo (S)	PI	University of Florida	Psychiatry	NIH	NIA - National Institute on Aging	AG065819	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	10
Joy Burama (U)	C	University of Florida	Neuroscience	NIH	NIA - National Institute on Aging	AG070913				
Sara Burke (S)	C	University of Florida	Neuroscience	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS106838				
Eduardo Candelario-Jalil (S)	C	University of Florida	Neuroscience	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS125089				
Anna Farmer (Liner) (G)	C	University of Florida	Psychology	University of Florida Research	US College and University	WD06142				
Leslie Gaynor (G)	C	University of Florida	Department of Clinical and Health Psychology							
Matteo Grudny (G)	C	University of Florida	Psychiatry - ADRC							
Catherine Kaczorowski (S)	C	Jackson Laboratory	Neuroscience							
Eric Krause (S)	C	University of Florida	Pharmacodynamics							
John Neubert (S)	C	University of Florida	Orthodontics							
Caitlin Orain (P)	C	University of Florida	Psychiatry							
Michael Pizzi (S)	C	University of Florida	Neurology							
Marjory Pompilus (G)	C	University of Florida	Psychiatry							
Wonn Pyon (G)	C	University of Florida	Neuroscience							
Leah Reznikov (S)	C	University of Florida	Physiological Sciences							
Nicholas Rodriguez (T)	C	University of Florida	Psychiatry							
Aleyna Ross (G)	C	University of Florida	Neuroscience							
Zachary Simon (G)	C	University of Florida	Neuroscience							
Kevin (Ka) Wang (S)	C	University of Florida	Emergency Medicine							
Lakiesha Williams (S)	PI	University of Florida	Biomedical Engineering	UF Research	US College and University	AWD08483	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	22
Eiko Alzamora (U)	C	University of Florida	Department of Biomedical Engineering	Alzheimer's Association	US Foundation	AARGD-NTF-22-919409				
Ta-Tyonna Buck (G)	C	University of Florida	Biomedical Engineering							
Jasmine Smith (G)	C	University of Florida	Biomedical Engineering							
Blanka Sharma (S)	PI	University of Florida	Biomedical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET1845728	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	1
Suzanne Lightsey (G)	C	University of Florida	Biomedical Engineering	NIH	NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases	AR071335				
Madison Temples (G)	C	University of Florida	biomedical engineering							
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	University of Florida	US College and University	DSR Match	[LONG-DNP: [Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	69.5
Andre Obenaus (S)	PI	University of California, Irvine	Pediatrics	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS121246	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	12
James H.P. Collins (O)	C	University of Florida	Biochemistry & Molecular Biology	NIH	NIA - National Institute on Aging	AG067613				
Amandine Julienne (P)	C	University of California, Irvine	Pediatrics, Anatomy & Neurobiology	NIH	NIA - National Institute on Aging	AG054345				
Brenda Patricia Noarbe (T)	C	University of California, Irvine	Pediatrics	NIH	NIA - National Institute on Aging	AG054349				
Rajina Pad (U)	C	University of California, Irvine	Biological Sciences							
Kara Wendell (G)	C	University of California, Irvine	Anatomy and Neurobiology							
Marcelo Wood (S)	C	University of California, Irvine	Neurology and Behavior							
Chalermchai Khemtong (S)	PI	University of Florida	Medicine	NIH	NIBIB - National Institute for Biomedical Imaging and Bioengineering	EB027698	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	2	34.5
Phillippe Fernandes (U)	C	University of Florida	undergrad	University of Florida	US College and University	Seed Fund				
Nesmine Maptue (T)	C	University of Florida	Medicine							
Shirina Patel (U)	C	University of Florida	Endocrinology							
Joshua Pegorero (G)	C	University of Florida	Medicine							
Jackson Pugmire (T)	C	University of Florida	Endocrinology							
Qingyang Shen (G)	C	University of Florida	Medicine							
Katherine Tansky (O)	C	University of Florida	Medicine							
Rebecca Butcher (S)	PI	University of Florida	Chemistry	NSF	CHE - Chemistry	CHE1555050	[BUTCHER-001: [Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	26
Ahmed Elbanna (P)	C	University of Florida	Chemistry							
James Rocca (S)	C	University of Florida	AMRIS Affiliated Faculty & Staff							
ChiSu Yoon (P)	C	University of Florida	Chemistry							
Kyle Allen (S)	PI	University of Florida	Biomedical Engineering	NIH	NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases	AR071431	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	5
Markia Bowe (S)	C	University of Florida	UF Biomedical Engineering	NIH	NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases	AR079874				
Jonathan Cooper (U)	C	University of Florida	UF Biomedical Engineering	NIH	NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases	AR082196				
Jacob Griffith (G)	C	University of Florida	Biomedical Engineering							
Katlin Southern (G)	C	University of Florida	Biomedical Engineering							
Michael Siminden (P)	C	University of Florida	UF Biomedical Engineering							
Pedro Antonio Valdes Hernandez (P)	C	University of Florida	Dentistry - Public Health							
Taylor Yeater (G)	C	University of Florida	UF Biomedical Engineering							

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used		
Jose Absimbra (S) Daylin Barros (C) Paranita Chakraborty (P) Drew Gillett (G) Matthew Hamm (G) Jada Lewis (S) Sakthivel Raw (T)	PI C C C C C C	University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida	Neuroscience Neuroscience Biology Neuroscience UF-Neuroscience Biology Dentistry	NIH NIA - National Institute on Aging	AG075900	P20059	ABISAMBRA-001: Interaction between early tau protein abnormalities and amyloid beta proteins in the brain, hallmarks of Alzheimer's disease	Biology, Biochemistry, Biophysics	1	33	
Sergey Vaserkov (S) Omar Boloki (G) Sree Laxmi (G) Blake Trusty (G)	PI C C C	University of Florida University of Florida University of Florida University of Florida	Chemical Engineering Chemical Engineering Chemical Engineering Department Chemical Engineering	Exxon Mobil Corp. Research	AWD12241	P20079	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	15	
Aaron Mickle (S) Sushan Kaul (G) Isabella Pinto (U) Shane Priester (G) Shahabuddin Vahdat (S)	PI C C C C	University of Florida University of Florida University of Florida University of Florida University of Florida	Physiological Sciences Biomedical Engineering Physiological Sciences Physiological Sciences Applied Physiology and Kinesiology	Rita Allen Foundation US Foundation	AWD11783	P20094	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	11	
Habibeh Khoisbouei (S) Marcelo Febo (S) Marjory Pomplius (G)	PI C C	University of Florida University of Florida University of Florida	Neuroscience Psychiatry Psychiatry	NIH NINDS - National Institute of Neurological Disorders and Stroke	NS071122	P20109	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	3	
Jared Balsden (P)	PI	Scripps Research Institute - Florida	Chemistry	Expansion Therapeutics, Jupiter, FL	Other	Peter Connolly	P20189	CONNOLLY-001: [Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	85
Joseph Marcinio (S)	PI	Polymer Synergies, LLC	President	Polymer Synergies LLC			P20320	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	35.5
Sara Burke (S) Marcelo Febo (S) Aleyna Ross (G)	PI C C	University of Florida University of Florida University of Florida	Neuroscience Psychiatry Neuroscience	NIH NIA - National Institute on Aging	AG049722	P20321	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	1	
Matthew Farrer (S) Marcelo Febo (S) Matthew Grudny (G) Melissa Muczis (P)	PI * C C C	University of Florida University of Florida University of Florida University of Florida	Neurology Psychiatry Psychiatry - ADRC Neurology	MSA Coalition US Foundation	CoreG-2021-07-002	P20325	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	10	
Matthew Merritt (S)	PI	University of Florida	Biochemistry and Molecular Biology	NIH NIBIB - National Institute for Biomedical Imaging and Bioengineering	EB032376	P20326	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	73	
Mario Chang Reyes (G) Anna Rushin (G) Mauro Swanson (S)	C C C	University of Florida University of Florida University of Florida	Biochemistry & Molecular Biology Biochemistry and Molecular Biology Molecular Genetics and Microbiology	NIH NINDS - National Institute of Neurological Disorders and Stroke	NS048843	P20328	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	7	
Mackenzie Davenport (P) Marcelo Febo (S) Benjamin Kidd (G) Diana Taya (U) Glenn Walter (S)	C C C C C	University of Florida University of Florida University of Florida University of Florida University of Florida	Molecular Genetics and Microbiology Psychiatry Neuroscience - Molecular Genetics UF Neuroscience Physiology and Aging	Florida Department of Health US Government Lab US College and University US College and University	Stroke Recovery P50 NS048843						
Abhinandan Batra (G) James H.P. Collins (O) Sean Forbes (S) Donovan Lett (S) Cathy Powers (T) Lee Sweeney (G)	C C C C C C	University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida	Physical therapy Biochemistry & Molecular Biology Departments of Physical Therapy and Physiology Physical Therapy Department of Physical Therapy Pharmacology & Therapeutics	NIH NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases	AR052646	P20329	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	2	
Jehangir Bhadha (S)	PI *	Everglades Research and Education Center at UF	Soil, Water, and Ecosystem Sciences	NSF	Other	CBET-2019435	P20336	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	7.5
A. Caroline Buchanan (G) Jonathan Jurty (S) MD Anik Mahmud (G)	C C C	University of Florida University of Florida University of Florida	Ag - Soil and Water Science Soil and Water Sciences Soil, Water, and Ecosystem Sciences								
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	NIH	NIGMS - National Institute of General Medical Sciences	GM148766	P20349	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	26
Maria Luiza Caldas Nogueira (P) Matthew Eddy (S) Anil Mehta (S) Matthew Merritt (S) Evelyn Patterson (U) Qingqing (Emily) Peng (G) Diana Tymochko (U) Daniel R. Tatham (S)	C C C C C C C C	University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida	Biochemistry and Molecular Biology Chemistry AMRIS Biochemistry and Molecular Biology CoM Department of Biochemistry and Molecular Biology Biochemistry & Molecular Biology Chemistry	University of Florida	US College and University	UFRF Research Support	P20350	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	8
Diba Allameh Zadeh (G) David Vaillancourt (S) David Arpin (P) Evangelos Christou (S) Luis Concepcion (T) Jesse DeSimone (P) Marcelo Febo (S) Mara Higginbotham (C) Hong Li (S) Yuqing Li (S) Nikolaus McFarland (S) Michael Okun (S) Emily Tobin (G) Glenn Walter (S)	PI C C C C C C C C C C C C C	University of Florida University of Florida University of Florida University of Florida University of Texas, Southwestern University of Florida University of Florida Florida State University University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida	Chemistry Applied Physiology and Kinesiology Applied Physiology and Kinesiology Applied Physiology and Kinesiology Physical Therapy ANSIR Laboratory, Radiology Psychiatry Applied Physiology and Kinesiology Chemistry Neurology Department of Neurology Neurology Applied Physiology and Kinesiology Physiology and Aging	NIH NINDS - National Institute of Neurological Disorders and Stroke	NS058487	P20351	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	46	
Alison Barnard (G) Abhinandan Batra (G) Sean Forbes (S) Kimberly Guter (U) Christopher Lopez (P) Ann Mislovic (S) Cathy Powers (T) Huadong Zeng (S)	C C C C C C C C	University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida	Physical Therapy Physical therapy Departments of Physical Therapy and Physiology Physical Therapy Physical Therapy Department of Physical Therapy Department of Physical Therapy AMRIS Affiliated Faculty & Staff	NIH NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases	AR056973	P20352	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	22	
Hendrik Luesch (S) Fatma Al-Awadhi (P) Qiyin Chen (P) Taylor Corcoran (T) Mallesh Kathe (S) Sofia Kakkalari (P)	PI C C C C C	University of Florida University of Florida University of Florida University of Florida University of Florida University of Florida	College of Pharmacy Pharmaceutical Chemistry unknown Medicinal Chemistry Medicinal Chemistry Medicinal Chemistry	NIH NCI - National Cancer Institute	CA172310	P20353	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	30	
Elise Morrison (S) A. Caroline Buchanan (G) Amanda Chappel (G)	PI * C C	University of Florida University of Florida University of Florida	Environmental Engineering Sciences Ag - Soil and Water Science Environmental Engineering Sciences	NSF CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2130675	P20496	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	5	

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used		
Shahabeddin Vahdat (S)	PI	University of Florida	Applied Physiology and Kinesiology	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK132003	P20561	VAHDAT-003: [Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	1		
Sushain Kaul (G)	C	University of Florida	Biomedical Engineering	NIH	NIBIB - National Institute for Biomedical Imaging and Bioengineering	EB031249							
Isabella Pinto (U)	C	University of Florida	Physiological Sciences	Florida Department of Health	Other								
Shane Priestler (G)	C	University of Florida	Physiological Sciences										
Shahabeddin Vahdat (S)	PI	University of Florida	Applied Physiology and Kinesiology	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK132003	P20562	VAHDAT-004: [Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	2.5		
Sushain Kaul (G)	C	University of Florida	Biomedical Engineering	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	EB031249							
Isabella Pinto (U)	C	University of Florida	Physiological Sciences										
Shane Priestler (G)	C	University of Florida	Physiological Sciences										
Total Proposals:								31		Experiments:	32	Days:	811

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Jurek Krywka (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Science	No other support					
Theory Dubroca (S)	C	National High Magnetic Field Laboratory	EMR						
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR						
Bianca Trociewitz (T)	C	National High Magnetic Field Laboratory	EMR						
Geoffrey Sroufe (S)	PI	National High Magnetic Field Laboratory	Chemistry	NSF	DMR - Division of Materials Research	DMR1905757	P19372	Development of high-resolution THz EPR spectrometer based on the series-connected hybrid	Development of Magnet Technology
Raghu Acharya (G)	C	Florida State University	Chemistry and Biochemistry						
Adam Almerfi (G)	C	Florida State University	Chemistry and Biochemistry						
Neal Nguyen-Ba (P)	C	National High Magnetic Field Laboratory	EMS						
Catherine Fabiano (G)	C	Florida State University	Chemistry						
Jason Kuzumaki (G)	C	Florida State University	Chemistry & Biochemistry						
Robert Smith (G)	C	Florida State University	Chemistry and Biochemistry						
Janet Teets (S)	C	Columbia University	Chemistry						
Caetano Vazquez (G)	C	Florida State University	Chemistry and Biochemistry						
Michael Shatuk (S)	PI	National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry	No other support					
Shaham Beeri (G)	C	Florida State University	Chemistry and Biochemistry	DOE	BES - Basic Energy Sciences	DESC0019330	P19472	EPR Investigation of Lanthanide Complexes as Potential Hosts for Clock Transitions and Molecular Qubits	Development of Magnet Technology
Cheshkina Bratley (P)	C	University of Florida	Physics						
Wei-Hao Chou (G)	C	Florida State University	Physics						
Muqail Galayka (G)	C	Florida State University	Chemistry and Biochemistry						
Manoj Vinayaka Hanabate Subramanya (G)	C	Florida State University	Physics						
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR						
Ulrich Kortz (S)	C	Jacobs University	School of Engineering and Science						
Krzyszewski Kania (P)	C	National High Magnetic Field Laboratory	EMR						
Daphne Lubert-Perreault (P)	C	University of Florida	Physics						
Gas Rivers (U)	C	Florida State University	Chemistry and Biochemistry						
Evan Salerno (P)	C	National High Magnetic Field Laboratory	EMR						
Robert Stewart (G)	C	Florida State University	Physics						
John van Tol (S)	C	National High Magnetic Field Laboratory	EMR						
Michal Leskes (S)	PI	Weizmann Institute of Science	Materials and Interfaces	ERC	Non US Council	803024	P19484	Determining spin relaxation properties of metal phosphates with varying Mn(II) content at high field	Chemistry
Daniel Jordan Alvarez (P)	C	Weizmann Institute of Science	Materials and Interfaces	European Research Council	Non US Council	803024			
Enrique Cobazo (S)	PI	University of Granada	Inorganic Chemistry	No other support					
Jurek Krywka (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science						
Mikhail Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS						
Lucio Frydman (S)	PI	National High Magnetic Field Laboratory	NMR	No other support					
John van Tol (S)	C	National High Magnetic Field Laboratory	EMR						
Andrew Ozarowski (S)	PI	National High Magnetic Field Laboratory	EMR	No other support					
Jeffrey Long (S)	PI	University of California, Berkeley	Chemistry	No other support					
Furt Sano Chou (S)	C	National High Magnetic Field Laboratory	Physics Department						
Colin Gould (G)	C	University of California, Berkeley	Chemistry	NSF	CHE - Chemistry	CHE1202603	P19520	CALIBRATION AND MAINTENANCE OF THE 1617 T EPR INSTRUMENT	Development of Magnet Technology
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics						
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR						
Jakub Hubly (P)	C	National High Magnetic Field Laboratory	EMR						
Krzyszewski Kania (P)	C	National High Magnetic Field Laboratory	EMR						
Hyunchu Keen (G)	C	University of California, Berkeley	Chemistry						
Daem-Nep (G)	C	University of California, Berkeley	Chemistry						
Mikhail Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS						
Patrick Smith (P)	C	Lawrence Berkeley National Laboratory	Heavy Element Chemistry Group						
John van Tol (S)	C	National High Magnetic Field Laboratory	EMR						
Michael Shatuk (S)	PI	National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry	NSF	CHE - Chemistry	CHE2300779	P19599	Investigation of Low-Dimensional Magnets in Inorganic and Organic Materials	Development of Magnet Technology
Ferdous An (P)	C	National High Magnetic Field Laboratory	EMR						
Shubham Bish (G)	C	Florida State University	Chemistry and Biochemistry						
Muqail Galayka (G)	C	Florida State University	Chemistry and Biochemistry						
Manoj Vinayaka Hanabate Subramanya (G)	C	Florida State University	Physics						
Edouard Hernandez-Reques (G)	C	Florida State University	Chemistry and Biochemistry						
Jakub Hubly (P)	C	National High Magnetic Field Laboratory	EMR						
Dibao 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						
Siddhant Vora-Bhatnagar (G)	C	Florida State University	Chemistry and Biochemistry						
Zina Xue (S)	PI	University of Tennessee, Knoxville	Chemistry	NSF	CHE - Chemistry	CHE2055499	P19604	Probing Molecular Magnetism by Far-IR and Raman Magnet-Spectroscopies	Chemistry
Alexandra 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 Krywka (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science						
Paznanoch Tin (G)	C	University of Tennessee, Knoxville	Chemistry						
John van Tol (S)	C	National High Magnetic Field Laboratory	EMR						
Ben Gallet (S)	PI	Georgia Southern University	Chemistry	No other support					
Kathleen Acorn (U)	C	Georgia Southern University	Chemistry						
Rochaine Claret (S)	C	Centre de Recherche Paul Pascal	CMRS						
Brittany Grimm (S)	C	Florida State University	Physics						
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR						
Daphne Lubert-Perreault (P)	C	University of Florida	Physics						
Sebastian Stanan (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
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR						
Kyle Seaborn (G)	C	University of Idaho	Chemistry						
Olga Vasylyshyn-Petry (G)	C	University of Idaho	Chemistry						
Olga Vasilenko (S)	PI	Taras Shevchenko National University of Kyiv	Inorganic Chemistry	Non US College and University					
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR						
Svetlana Petrusenko (S)	C	Taras Shevchenko National University of Kyiv	Chemistry						
Olya Stetsuk (U)	C	Taras Shevchenko National University of Kyiv	Inorganic Chemistry						
Dr. Vasilina Riza Simangman (S)	PI	University of Tuzla, El Paso	Physics	NSF	DMR - Division of Materials Research	DMR2105109	P19791	Magnetic Correlations and Anisotropy in Layered quasi-2D van der Waals Magnets: A Very High Frequency Electron Paramagnetic Resonance Study	Condensed Matter Physics
Dezobir Petrovic (S)	C	University of Tuzla, El Paso	Nuclear and Plasma Physics						
Fazal Tari (S)	C	Boston College	Physics						
Nathan Toles (U)	C	Boston College	Physics						
John van Tol (S)	C	National High Magnetic Field Laboratory	EMR						
Mariales Marques (S)	PI	University of Ottawa	Chemistry	Canada Foundation for Innovation	Non US Foundation		P19896	EPR Investigation of low coordinate beta(eta)(amide) Li2Zr3+ Complexes	Development of Magnet Technology
Dyah Ernati (G)	C	University of Ottawa	Chemistry						
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR						
Evan Salerno (P)	C	National High Magnetic Field Laboratory	EMR						
Robert Griffin (S)	PI	Massachusetts Institute of Technology	Chemistry	NIH	NIHMS - National Institute of General Medical Sciences	GM132997	P20068	High field pulsed DNP	Chemistry
Theoory Dubroca (S)	C	National High Magnetic Field Laboratory	EMR						
Wu Qianna (G)	C	Massachusetts Institute of Technology	Chemistry						
Yifan Quan (P)	C	Massachusetts Institute of Technology	Chemistry						
Naeha Frank (S)	PI	University of Nevada, Reno	Chemistry	NSF	CHE - Chemistry	CHE1956301	P20070	EPR Investigation of Optically Gated Spin State Switching in Photochromic Cobalt Dioxolene for Quantum Information Science	Chemistry
Antha Akshayakha (P)	C	University of Nevada, Reno	Department of Chemistry	DOE	BES - Basic Energy Sciences	DE-SC0020260			
Subrata Ghosh (P)	C	University of Nevada, Reno	Chemistry						
Beranyu Grims (G)	C	Florida State University	Physics						
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR						
Evan Salerno (P)	C	National High Magnetic Field Laboratory	EMR						
John van Tol (S)	C	National High Magnetic Field Laboratory	EMR						
Michael Jaraman (S)	PI	Ohio University	Chemistry & Biochemistry	No other support					
Jurek Krywka (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science						
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR						
Jared Skolostan (G)	C	Ohio University	Chemistry and Biochemistry						
Joshua Telser (S)	C	Roosevelt University	Biological, Physical and Health Sciences						
Daniel Mondal (S)	PI	University of Pennsylvania	Chemistry	NSF	CHE - Chemistry	CHE1848248	P20072	Applying High-Frequency and Field EPR Spectroscopy of High-Spin First Row Transition Metals to the Field-Induced Spin Crossover in Cyclic Polymers	Chemistry
Jurek Krywka (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science						
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						
Mariales Marques (S)	PI	California State University, East Bay	Chemistry	DOE	BES - Basic Energy Sciences	DE-SC0017752	P20077	Investigation of Magnetic Properties of Quantum Spin Ice Candidates using High Field EPR	Condensed Matter Physics
Manoj Vinayaka Hanabate Subramanya (G)	C	Florida State University	Physics	Laboratory Directed Research and Development Program of Oak Ridge National Laboratory	US Government Lab				
Tomasz Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance						
Brandon Ortiz (S)	C	Oak Ridge National Laboratory	Material Science and Technology Division						
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR						
Paul Barry (P)	C	University of California, Santa Barbara	Materials/California NanoSystems Institute						
John van Tol (S)	C	National High Magnetic Field Laboratory	EMR						
Maria Berkes (S)	PI	University of Wisconsin	Faculty of Chemistry	Wisconsin University, Poland	Non US College and University		P20080	Toward "better" molecular magnets. Correlation between structure and magnetic anisotropy.	Chemistry
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR						
Felicio Petrus (S)	C	Amnis Laboratory	Chemical and Biological Sciences	DOE	BES - Basic Energy Sciences	DE-AC02-07CH11358	P20092	Low-Temperature EPR Relaxometry of a Methyl-Driven Overhauser MAS-DNP Polarizing Agent	Chemistry
Christos Constantinides (S)	PI	University of Michigan - Dearborn	Chemistry						
Theory Dubroca (S)	C	National High Magnetic Field Laboratory	EMR						
Panayiotis Kourtellos (S)	C	University of Cyprus	Chemistry						
Yih-Ming Li (S)	C	Osaka University	Institute for Protein Research						
Scott Southern (P)	C	Amis Laboratory	Chemical and Biological Sciences						
Hans Jürgen von Bardeleben (S)	PI	Sorbonne University	INSP	No other support					
John van Tol (S)	C	National High Magnetic Field Laboratory	EMR						
Michael Rose (S)	PI	University of Texas, Austin	Chemistry	NSF	CHE - Chemistry	CHE2109175	P20117	Magnetic resonance study of the gallium vacancy in beta-Ga2O3	Condensed Matter Physics
Beranyu Grims (G)	C	University of Texas, Austin	Chemistry						
Jurek Krywka (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science						
Ranjali Mondal (P)	C	University of Texas, Austin	Chemistry						
Joshua Telser (S)	C	Roosevelt University	Biological, Physical and Health Sciences						
John van Tol (S)	PI	National High Magnetic Field Laboratory	EMR	No other support					
Nick Nielsen (S)	PI	Aarhus University	Chemistry and NANO	Swiss National Science Foundation	Non US Foundation	P500FN_206623	P20146	Maintenance and testing	Condensed Matter Physics
Theory Dubroca (S)	C	National High Magnetic Field Laboratory	EMR						
Nene Wai (P)	C	National High Magnetic Field Laboratory	Chemistry and Nano						

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used		
George Christou (S) Farouk Aza (P) Christelina Brantley (P) Wei-Hao Chou (G) Alexander Doudel (G) Ethan Fisher (S) Manoj Vinayaka Hanabte Subramanya (G) Stephen Hill (S) Thomas Orlando (S) Robert Stewart (S)	PI C C C C C C C C C	University of Florida National High Magnetic Field Laboratory University of Florida Florida State University University of Florida University of Florida Florida State University National High Magnetic Field Laboratory National High Magnetic Field Laboratory Florida State University	Chemistry NE-MPL Chemistry Physics Chemistry Chemistry Physics EMR Electron Magnetic Resonance Physics	DOE DOE	BES - Basic Energy Sciences BES - Basic Energy Sciences	DE-SC0019030 DE-SC00012738	P20172 P20194	EPR Investigation of 3d Transition Metal Complexes as Molecular Qubits Investigation of clock transitions in lanthanide-based molecular qubits	Chemistry Chemistry	5 3	26.5 13
William Evans (S) Lauran Anderson-Sanchez (G) Manoj Vinayaka Hanabte Subramanya (G) Stephen Hill (S) Jakub Hruby (P) Krisneeda Kanda (P) Joshua Queen (P)	PI C C C C C C	University of California, Irvine University of California, Irvine Florida State University National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory University of California, Irvine	Department of Chemistry Department of Chemistry Physics EMR EMR EMR Department of Chemistry	DOE DOE	BES - Basic Energy Sciences BES - Basic Energy Sciences	DE-SC0019356 DE-AC02-07CH11558	P20197 P20206	Developing the next generation of optically addressable molecular qubits EPR spectroscopy of gadolinium homoleptic organometallics	Chemistry Chemistry	4 1	16 2
Danna Freedman (S) Rianan Greer (S) Stephen Hill (S) Dane Johnson (G) Jurak Krzywicki (S) Andrew Ozarowski (S) John van Tol (S) Agnes Yi (G)	PI C C C C C C C	Northwestern University Massachusetts Institute of Technology National High Magnetic Field Laboratory Massachusetts Institute of Technology National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory Massachusetts Institute of Technology	Chemistry Chemistry EMR Chemistry Chemistry Condensed Matter Science EMR EMR Chemistry	DOE DOE	BES - Basic Energy Sciences BES - Basic Energy Sciences	DE-SC0019356 DE-AC02-07CH11558	P20197 P20206	Developing the next generation of optically addressable molecular qubits EPR spectroscopy of gadolinium homoleptic organometallics	Chemistry Chemistry	4 1	16 2
Aaron Sadov (S) Serey Budko (S) Theray Dubroca (S) Aaron Ruscov (S) John van Tol (S)	PI C C C C	Iowa State University Ames Laboratory National High Magnetic Field Laboratory Iowa State University National High Magnetic Field Laboratory	Chemistry Physics and Astronomy EMR Chemistry EMR	DOE DOE	BES - Basic Energy Sciences Non-US College and University	DE-AC02-07CH11558 Non-US College and University	P20206 P20208	EPR spectroscopy of gadolinium homoleptic organometallics Zero-field splitting in mononuclear 3-coordinate S = 2 Cr(II) and oligonuclear lower oxidation state chromium complexes, probed by HF-EPR	Chemistry Chemistry	1 1	2 4
Andreas Demopoulos (S) Jurak Krzywicki (S) Pavlosky Kyriaki (S) Rehan Omeri (S) Florian Berner (G) Sumanesh Deshpande (G) Manoj Vinayaka Hanabte Subramanya (G) Stephen Hill (S) Jakub Hruby (P)	PI C C C C C C C C	National and Kapodistrian University of Athens National and Kapodistrian University of Athens National and Kapodistrian University of Athens Michigan State University Michigan State University Michigan State University Florida State University National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Chemistry Chemistry Chemistry Department of Chemistry Department of Chemistry Chemistry Physics EMR EMR	No other support No other support			P20208 P20218	Zero-field splitting in mononuclear 3-coordinate S = 2 Cr(II) and oligonuclear lower oxidation state chromium complexes, probed by HF-EPR Magnetic Properties of Radical-Bridged Lanthanide Complexes	Chemistry Chemistry	1 3	4 15
Theray Dubroca (S) Thomas Orlando (S) John van Tol (S)	PI C C	University of Texas, Dallas National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Physics EMR Electron Magnetic Resonance EMR	DOE DOE	CDMRP - Congressionally Directed Medical Research Programs DOE	HT9425-23-1-0062 DE-NA_ _____ DE_ _____	P20245 P20288	EPR and Hyperpolarization studies of Potential DNP Polarizing Agents TEMPO-iodated D-beta and TMV Viral Shells Electron Paramagnetic Resonance Investigations of Magneto-Structural Correlations in Isotopically Lanthanide-Doped Coordination Compounds	Biology, Biochemistry, Biophysics Chemistry	3 3	9 21
Janel Miska (S) Bailey Bouley (G) Ju Yeonjae Chae (G) Sourav Chakrabarti (G) Jurak Krzywicki (S) Mehdiyar Ozenov (S) Joshua Telser (S)	PI C C C C C C	University of Illinois at Urbana-Champaign University of Illinois at Urbana-Champaign University of Illinois at Urbana-Champaign University of Illinois at Urbana-Champaign National High Magnetic Field Laboratory National High Magnetic Field Laboratory Roosevelt University	Chemistry Chemistry Chemistry Chemistry Condensed Matter Science Condensed Matter Science, D.C. Field CMS Biological, Physical and Health Sciences	NSF NSF	CHE - Chemistry CHE - Chemistry	CHE2155160 CHE1800313	P20248 P20278	High-Frequency and High-Field Electron Magnetic Resonance Investigation of Square-Planar Ni(II) Complexes Exhibiting Paramagnetism Dimers: [Ni(II)2(μ2-CO3)] Compound, Mixed-Valent [Mn6] Cluster and Related Mn/V Species	Chemistry Chemistry	1 2	5 13.5
Laura Dameris (S) Jessica Elmberg (G) Shawn Moore (G) Andrew Ozarowski (S) Lida Touzani (G) Mary Ellen Zverni (S) John van Tol (S)	PI C C C C C C	Boston University Boston University National High Magnetic Field Laboratory Boston University Boston University University of Alabama, Birmingham National High Magnetic Field Laboratory	Chemistry Department Chemistry Chemistry EMR Department of Chemistry Physics EMR	No other support No other support			P20280 P20288	Field Dependence of Electron Spin Lattice Relaxation in Spin Qubit Candidates Electron Paramagnetic Resonance Investigations of Magneto-Structural Correlations in Isotopically Lanthanide-Doped Coordination Compounds	Condensed Matter Physics Chemistry	1 3	22.5 21
Barnett Greer (S) Koeny Carter (S) Thaise Goupe (S) Stephen Hill (S) Benjamin Stein (S) Nikhil Wolford (P)	PI C C C C C	Los Alamos National Laboratory University of Iowa Georgia Institute of Technology National High Magnetic Field Laboratory Los Alamos National Laboratory Los Alamos National Laboratory	C-PCS: PHYSICAL CHEM & APPLIED SPECTROSCOPY Chemistry School of Chemistry and Biochemistry EMR C-PCS: PHYSICAL CHEM & APPLIED SPECTROSCOPY Chemistry Department	DOE DOE	LDRD - Laboratory Directed R&D LDRD - Laboratory Directed R&D	DE-NA_ _____ DE_ _____	P20280 P20288	Field Dependence of Electron Spin Lattice Relaxation in Spin Qubit Candidates Electron Paramagnetic Resonance Investigations of Magneto-Structural Correlations in Isotopically Lanthanide-Doped Coordination Compounds	Condensed Matter Physics Chemistry	1 3	22.5 21
Dimitry Nestorov (P) Andrew Ozarowski (S) Andri Kovar (S) Yoo Abena (G) Andrew Ozarowski (S) Andri Kovar (S) John van Tol (S)	PI C C C C C C	National High Magnetic Field Laboratory National High Magnetic Field Laboratory Iowa State University Iowa State University National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Chemistry Department EMR Chemistry Chemistry EMR EMR EMR	The Foundation for Science and Technology (Portugal) NSF NSF	Non-US Foundation DMR - Division of Materials Research DMR - Division of Materials Research	Non-US Foundation DMR2003783 DMR2128556 DMR1644779	P20284 P20296 P20297	High-Field EPR Spectroscopy of Polynuclear Transition Metal Complexes EPR investigation of the metastable 3d transition metal layered compounds ESR Investigation of Spin-Liquid Candidates from the Rare-Earth Heptaborates Family	Chemistry Chemistry Condensed Matter Physics	2 2 2	14 6 24
Theray Dubroca (S) Britany Grimm (G) Manoj Vinayaka Hanabte Subramanya (G) Stephen Hill (S) Jurak Krzywicki (S) Thomas Orlando (S) Andrew Ozarowski (S) Benica Troczynski (T) John van Tol (S)	PI C C C C C C C C	National High Magnetic Field Laboratory Florida State University Florida State University National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	EMR Physics Physics EMR EMR EMR EMR EMR	No other support NSF NSF NSF		DMR2128556 DMR1644779	P20301	Hardware development, upgrades and maintenance of Electron Magnetic Resonance spectrometers	Engineering	7	122.5
Ernie Erdem (S) Andrew Ozarowski (S) Carolina Sarado (S) Guldem Guburo-Riera (S) Manoj Vinayaka Hanabte Subramanya (G) Stephen Hill (S) Jakub Hruby (P) P. Hammel (S) Phyllis Lee (P) John van Tol (S) Raphaële Clément (S)	PI C C C C C C C C C C	Sabanci University National High Magnetic Field Laboratory University of Barcelona University of Barcelona Florida State University National High Magnetic Field Laboratory National High Magnetic Field Laboratory Ohio State University Ohio State University National High Magnetic Field Laboratory University of California, Santa Barbara	Materials Science and Nano Engineering EMR Chemistry Inorganic and Organic Chemistry department, Inorganic Chemistry Section Physics EMR EMR Physics Physics EMR Materials Research Laboratory	No other support No other support			P20302 P20305 P20308 P20312	High-field EPR investigations of iron-doped metal oxide nanomaterials Phase-Memory Time of Large Area Arrays of Qubits High Frequency Electron Magnetic Resonance of Two-Dimensional van der Waals Magnets High-frequency EPR investigation of condensed paramagnetic materials for Li- and Na-ion batteries	Material Science Material Science Condensed Matter Physics Material Science	1 5 1 1	12 20 5 4
Evan Bassetz (P) Geoffrey Strouse (S) Catherine Fabiano (G) Raul Ortao (G) Austin Pasch (G) Danna Pledner (L) Robert Schuch (S) Robert Smith (G)	PI C C C C C C C	University of California, Santa Barbara National High Magnetic Field Laboratory Florida State University Florida State University Florida State University Florida State University Florida State University Florida State University	Materials Research Laboratory Chemistry Chemistry Chemistry & Biochemistry Chemistry and Biochemistry Chemistry and Biochemistry Chemistry Chemistry	NSF NSF	DMR - Division of Materials Research DMR1905757	DMR1905757	P20318	Multinuclear solid-state NMR investigation of plasmonic and photoluminescent nanocrystals	Chemistry	3	22
Sanjoo Lee (P) Jun Sung Kim (S) Worun Lee (P) Chongwoo Woo (P) Harshad Shaflali (S) Luisa Lusa (G) Yan Li (P)	PI C C C C C C	Center for Artificial Low Dimensional Electronic Systems Center for Artificial Low Dimensional Electronic Systems Center for Artificial Low Dimensional Electronic Systems Center for Artificial Low Dimensional Electronic Systems Ohio State University Ohio State University University of California, Los Angeles	Chemistry Physics Physics Physics Chemistry and Biochemistry Chemistry and Biochemistry Chemistry and Biochemistry	Institute for Basic Science, Republic of Korea Institute for Basic Science, Republic of Korea Institute for Basic Science, Republic of Korea Institute for Basic Science, Republic of Korea DOE NSF	Other Other Other Other BES - Basic Energy Sciences NIGMS - National Institute of General Medical Sciences	Other Other Other Other SC0023137 GM128652	P20330 P20333 P20342	ESR study of the nodal-line semiconductor Mn3S2Te6 Advanced EPR investigations of a nickel-iron-sulfide cluster in a ferredoxin protein as a model for [NiFe] carbon monoxide dehydrogenase High frequency high-resolution EPR studies of the crosslinked cofactor radical intermediate in bifunctional enzyme RadC from Mycobacterium tuberculosis	Condensed Matter Physics Biology, Biochemistry, Biophysics Biology, Biochemistry, Biophysics	2 1 2	18.17 5 7
Jazson L (S) Theray Dubroca (S) Jurak Krzywicki (S) Hemali Liu (S) Grace Morgan (S) Francesca Adams (G) Emmeleya Caza (P) Britany Grimm (G) Stephen Hill (S) Jurak Krzywicki (S) Zoe Ladd (P) Andrew Ozarowski (S) John van Tol (S)	PI C C C C C C C C C C C C	University of Texas, San Antonio National High Magnetic Field Laboratory National High Magnetic Field Laboratory University of Texas, San Antonio University College Dublin University College Dublin University College Dublin Florida State University National High Magnetic Field Laboratory National High Magnetic Field Laboratory University College Dublin National High Magnetic Field Laboratory	Chemistry EMR Condensed Matter Science Chemistry School of Chemistry and Chemical Biology School of Chemistry Chemistry Physics EMR Condensed Matter Science School of Chemistry EMR	No other support NSF		DMR1644779	P20360	High Field EPR Analysis of Redox and Spin State in Spin Crossover Complexes	Chemistry	3	24

Participants (Name, Role, Org., Dept.)		Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used		
Therry Dubroca (S) Stephen Hill (S) Jurak Kocovic (S) Tomas Orlando (S) Bacica Trocena (T) Henry La Pierre (S)	P C C C G P	National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory Georgia Institute of Technology	EMR EMR Condensed Matter Science Electron Magnetic Resonance EMR School of Chemistry and Biochemistry	No other support	P20379	Performance improvement of high-resolution THz EPR spectrometer based on the series-connected hybrid	Development of Magnet Technology	1	2.83		
Maximilian Bernbeck (P) Andrew Ozarowski (S) Grant Whinston (S)	P C G	Georgia Institute of Technology National High Magnetic Field Laboratory Georgia Institute of Technology	Chemistry EMR School of Chemistry	DOE	BES - Basic Energy Sciences	DE-SC0023455	P20424	Measuring and Tuning the Effects of Crystal Field and Vibrational Degrees of Freedom on the Static and Dynamic Properties of Lanthanide and Actinide Molecular Nanomagnets	Chemistry	1	4
Tomas Orlando (S) Huyen Bu (J) Therry Dubroca (S) Lucio Fridman (S) Aracelis Giannoul (S) Stephen Hill (S) Johan van Tol (S) Stepanov W (S)	P C C C C C C C	National High Magnetic Field Laboratory Florida State University National High Magnetic Field Laboratory National High Magnetic Field Laboratory Watzmann Institute of Science National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Electron Magnetic Resonance EMR EMR NMR Chemical and biological physics EMR NMR	No other support	P20433	Characterization of EPR properties of organic radicals in liquids at high frequencies	Chemistry	3	18.5		
Hui Xiong (S) Dandan Hou (P) Yan-Yan Hu (S) Molava Oyekunle (G) Erica Truong (G)	P C C C C	Boise State University Boise State University Florida State University Florida State University Florida State University	Materials Science and Engineering Department of Materials Science and Engineering Chemistry & Biochemistry Chemistry Chemistry and Biochemistry	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	1	9
Claudia Avales (S) Martin Kik (S) Oliver Oeffel (S) David Schulz (S) Johan van Tol (S)	P C C C C	New York University University of New Mexico Aix-Marseille University North Carolina State University National High Magnetic Field Laboratory	Chemistry Department of Chemistry Institute of Free Radical Chemistry Chemistry EMR	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	2	4.5
Sergio Pilagos (S)	P	University of Copenhagen	Department of Chemistry	Forskningsraadet for Teknologi og Produktion			P20488	EPR study of heterodinuclear lanthanoid cryptate	Chemistry	2	8.5
Jaki Lesche (S) Hosain Zuhairi (S) Tomas Orlando (S) Nathan Traub (P)	G P C C	University of Tennessee University of Tennessee, Knoxville National High Magnetic Field Laboratory University of Tennessee, Knoxville	Department of Chemistry Materials Science and Engineering Electron Magnetic Resonance Scribner Materials Research Center	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	8
Total Proposals:							97	Experiments:	138	Days:	743

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used						
Collin Broholm (S)	PI	Johns Hopkins University	Physics and Astronomy	DOE	BES – Basic Energy Sciences	DE-SC0019331	P19504	NaBaYb(BO ₃) ₂ , spin liquid candidate with triangular lattice	Condensed Matter Physics	1	189					
Rasul Gazizulin (S)	C	University of Florida	Physics													
Alireza Ghasemi (G)	C	Johns Hopkins University	Physics and Astronomy													
Chao Huan (P)	C	University of Florida	Physics													
Gregory Labbe (O)	C	University of Florida	Physics													
Chris Ollmann (T)	C	University of Florida	High B/T													
Lucia Steinke (S)	PI	Maybell Quantum Industries	N/A	NSF	Other	R000002799	P19653	Probing exotic quasiparticles in calorimetric and thermal transport experiments at ultra-low temperatures	Condensed Matter Physics	1	100					
Alexander Donald (G)	C	University of Florida	Physics													
Nicolas Silva (P)	C	University of Florida	High B/T													
Long Ju (S)	PI	Massachusetts Institute of Technology	Physics	NSF	DMR - Division of Materials Research	DMR1231319	P19811	Study of Electron Correlation in 2D Moire Superlattices	Condensed Matter Physics	1	233					
Rasul Gazizulin (S)	C	University of Florida	Physics													
Tianyi Han (P)	C	Massachusetts Institute of Technology	Physics													
Tonghang Han (G)	C	Massachusetts Institute of Technology	Physics													
Gregory Labbe (O)	C	University of Florida	Physics													
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													
Lucia Steinke (S)	C	Maybell Quantum Industries	N/A													
Ian Fisher (S)	PI *	Stanford University	Applied Physics	DOD	US Air Force	FA9550-20-1-0252						P20371	Measurement of the Low Temperature Phase Boundary of Ferroquadrupolar Insulator TmVO ₄	Condensed Matter Physics	1	157
Jake Bourdage (O)	C	University of Florida	Physics													
Chris Ollmann (T)	C	University of Florida	High B/T													
Nicolas Silva (P)	C	University of Florida	High B/T													
Linda Ye (G)	C	Massachusetts Institute of Technology	Physics													
Mark Zic (G)	C	Stanford University	Physics													
Dominique Laroche (S)	PI	University of Florida	Physics	UCGP			P20507	Coulomb drag of spin-polarized Luttinger liquids at ultra-low temperatures - continuation of NHMFL-UCGP due to pandemic	Biology, Biochemistry, Biophysics	2	223					
Rasul Gazizulin (S)	C	University of Florida	Physics													
Chao Huan (P)	C	University of Florida	Physics													
Gregory Labbe (O)	C	University of Florida	Physics													
Chris Ollmann (T)	C	University of Florida	High B/T													
Nicolas Silva (P)	C	University of Florida	High B/T													
Lucia Steinke (S)	C	Maybell Quantum Industries	N/A													
Mingyang Zheng (G)	C	University of Florida	Physics Department													
Total Proposals:																
												5	Experiments:	6	Days:	902

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used				
Thomas Borch (S)	PI	Colorado State University	Soil and Crop Science	DOE	SC0021349	P19338	Forest fire-impacted soil organic matter chemistry	Chemistry	1	1				
William Bahureksa (G)	C	Colorado State University	Chemistry	DOE	DE-SC0020205									
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	USDA - Department of Agriculture	AFRI 2021-67019034608									
Timothy Feigel (S)	C	USDA Forest Service	Rocky Mountain Research Station	USDA - Department of Agriculture	COL00292D/1020695									
Jim Ippolito (S)	C	Colorado State University	Soil and Crop Sciences	NSF	CBET1512670									
Eugene Kelly (S)	C	Colorado State University	College of Agricultural Sciences	USDA - Department of Agriculture	AFRI2021-67019-33726									
Merritt Logan (G)	C	Colorado State University	Chemistry	NSF	DEB2114868									
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR	United States-Israel Binational Science Foundation	2018130									
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR											
Amelia Nelson (G)	C	Colorado State University	Soil and Crop Sciences											
Charles Rhoades (S)	C	Colorado State University	Rocky Mountain Research Station											
Holly Roth (G)	C	Colorado State University	Chemistry											
Myrna Simpson (S)	C	University of Toronto (Toronto)	Environmental NMR Centre and Department of Physical & Environmental Sciences											
Nivetha Srikanthan (S)	C	University of Toronto (Toronto)	Environmental NMR Centre and Department of Physical & Environmental Sciences											
Jacob VanderRoest (G)	C	Colorado State University	Chemistry											
Mike Wilkins (S)	C	Colorado State University	College of Agricultural Sciences											
Robert Young (S)	C	New Mexico State University, Main Campus	Chemical Analysis & Instrumentation Laboratory											
Ryan Rodgers (S)	PI	National High Magnetic Field Laboratory	ICR	NSF	GRFP - Graduate Research Fellowship Program	GRFP174530_	P19464	Understanding of Emulsion Formation from Photo-oxidized Crude Oils	Chemistry	1	3			
Danielle Freeman (G)	C	Woods Hole Oceanographic Institution	Marine Chemistry & Geochemistry		Fisheries and Oceans Canada Multi-Partner Research Initiative	1.06								
Deborah French-McKay (S)	C	Unknown	Chemistry											
Joseph Frye (G)	C	National High Magnetic Field Laboratory	CIMAR											
Krista Langspecker (S)	C	Woods Hole Oceanographic Institution	Marine Chemistry & Geochemistry											
Alan Marshall (S)	C	National High Magnetic Field Laboratory	ICR											
Sydney Niles (G)	C	National High Magnetic Field Laboratory	Chemistry											
Chris Reddy (S)	C	Woods Hole Oceanographic Institution	Geochemistry											
Colin Ward (S)	C	Woods Hole Oceanographic Institution	Department of Marine Chemistry and Geochemistry											
Alexandre Anasio (S)	PI	Aarhus University	Environmental Science	European Research Commission	856416	P19510	Glacial biomarkers: searching for source-specific glacial algae proxies	Biology, Biochemistry, Biophysics	1	0.5				
Runia Antony (P)	C	Helmholtz Zentrum-Potsdam	Interface Geochemistry	Danish Ministry of Higher Education and Science	9096-00101B									
Liane Benning (S)	C	Helmholtz Zentrum-Potsdam	Geochemistry											
Eva Doring (P)	C	University of Pennsylvania	Earth and Environmental Science											
Anne Kallman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science											
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR											
Pamela Rossel (P)	C	Helmholtz Zentrum-Potsdam	Section 3.5 Interface Geochemistry											
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science											
Ian Stevens (P)	C	Aarhus University	Department of Environmental Science											
Marylyn Tranter (S)	C	Aarhus University	Department of Environmental Science											
Rene Boteau (S)	PI	University of Minnesota, Twin Cities	Chemistry	UCGP		P19547	Deciphering the sources of trace element binding organic ligands in coastal sediments.	Chemistry	4	10.58				
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	NSF	OCE - Ocean Sciences						OCE1829761			
Peter Chase (G)	C	Oregon State University	College of Earth, Ocean and Atmospheric Science											
Nicole Coffey (G)	C	University of Delaware	School of Marine Science and Policy											
Christian Dewey (P)	C	Oregon State University	CEOAS											
Iliana 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 Westbrod (S)	C	National High Magnetic Field Laboratory	ICR											
Michael Senko (S)	PI	Thermo Fisher Scientific	R&D		No other support	P19548	Analytical Method Development for FT-ICR MS	Chemistry	2	769.23				
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR											
Greg Bakkeny (G)	C	National High Magnetic Field Laboratory	ICR											
Jessie Cantelberry (T)	C	Thermo Fisher Scientific	LSMS R&D											
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR											
Chad Westbrod (S)	C	National High Magnetic Field Laboratory	ICR											
Brett Podim (S)	PI	University of California, Davis	Environmental Toxicology	NSF	CAREER - Faculty Early Career Development Program	1945388	P19575	Tracing agricultural sulfur inputs to the environment using advanced dissolved organic sulfur characterization	Chemistry	1	1.33			
Thomas Borch (S)	C	Colorado State University	Soil and Crop Science	NSF	EAR - Earth Sciences	EAR1629698								
Todd Dawson (S)	C	University of California, Berkeley	Department of Integrative Biology	University of Colorado Boulder Center for Water, Earth Science and Technology										
Anna Hermes (G)	C	University of Colorado, Boulder	Institute of Arctic and Alpine Research	US College and University										
Eve-Lyn Hinckley (S)	C	University of Colorado, Boulder	Cooperative Institute for Research in Environmental Sciences	University of Colorado Center for Water, Earth Science, and Technology George R. Aiken Endowed Memorial Research Fellowship										
Merritt Logan (G)	C	Colorado State University	Chemistry											
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR											
Boswell Wing (S)	C	University of Colorado, Boulder	Department of Geological Sciences											
Ryan Rodgers (S)	PI	National High Magnetic Field Laboratory	ICR	Graduate School for Research XL-Chem	ANK-18EURE-0020	P19648	Biofuels derived from Algae and Wood / Plastic Pyrolysis	Chemistry	1	5				
Carlos Alonso (S)	C	Normandy University	Chemistry	University of Rouen Normandy	ERDF, IN0301343									
Brice Bouysseiere (S)	C	University of Pau and the Adour Region	IPREM	Labex SynOrg	ANK-11- LABX-									
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	Camot Institute I2C	731077									
David Dayton (T)	C	Research Triangle Institute International	Biofuels	European Union's Horizon 2020 Research Infrastructures Program										
Pierre Guasti (S)	C	TotalEnergies	Research & Technology	Non US College and University										
Julien Maillard (G)	C	Versailles Saint-Quentin-en-Yvelines University	LATMOS											
Caroline Mingotte (S)	C	TotalEnergies	Research & Technology											
Charlotte Masse (G)	C	University of Rouen	Seine maritime											
Romy Chakraborty (S)	PI	Lawrence Berkeley National Laboratory	Ecology	DOE	BER - Biological & Environmental Research						DE-SC0205112	P19706	Characterizing transformation of natural organic matter by key indigenous microorganisms interstitial subsurface sediments	1
Mingjie Chen (P)	C	Lawrence Berkeley National Laboratory	Earth and Environmental Science Area	Lawrence Berkeley Lab	US Government Lab	ENIGMA-Ecosystems and Networks Integrated with Genes and Molecular Assemblies								
Brandon Enalls (P)	C	Lawrence Berkeley National Laboratory	Ecology											
Sara Gushaari-Dovle (P)	C	Lawrence Berkeley National Laboratory	Earth & Environmental Sciences											
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR											
Xiaoping Wu (S)	C	Lawrence Berkeley National Laboratory	Department of Ecology											
Francesca Kerton (S)	PI	Memorial University of Newfoundland	Chemistry	Natural Sciences and Engineering Research Council (NSERC)	Non US Foundation		P19754	Analytical methods for biochar characterization by FT-ICR MS	1	1.17				
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	Canada Foundation for Innovation	Non US Foundation									
Sara Cheema (G)	C	Memorial University of Newfoundland	Chemistry	Provincial Govt of Newfoundland and Labrador	Other Non US Federal Agency									
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	Memorial University of Newfoundland (MUN)	Non US College and University									
Stephanie MacDuarrie (S)	C	Case Breton University	Chemistry											
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR											
Juliana Vidal (G)	C	Memorial University of Newfoundland	Chemistry											

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used	
Andrew Wozniak (S)	PI	University of Delaware	School of Marine Science and Policy	NSF	OCE - Ocean Sciences	OCE2123402	P19787	The impact of sulfuration on carbon accumulation in the Great Marsh, DE	Chemistry	2	1.33
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Alina Ebling (T)	C	University of Delaware	EARTH, OCEAN & ENVIRONMENT								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Rachael Cawston (G)	C	University of Delaware	School of Marine Science and Policy								
Ni-Bin Chang (S)	PI	University of Central Florida	Department of Civil Engineering	NSF	Other	RISE-1830036	P19790	Effects of dissolved organic matter (DOM) and dissolved organic nitrogen (DON) on the removal of nutrients, algal toxins, and PFAS through green sorption media	Engineering	2	3.03
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Jinxiang Cheng (G)	C	University of Central Florida	civil environmental and construction								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Mohamad Odeh (G)	C	University of Central Florida	Chemistry								
Diana Ordonez (U)	C	University of Central Florida	CECE								
Alejandra Robles Lecompte (G)	C	University of Central Florida	Civil and Environmental Engineering								
Andres Valencia (G)	C	University of Central Florida	Civil, Environmental and Construction Engineering								
Jason Ahad (S)	PI	Natural Resources Canada	Geological Survey of Canada	Natural Resources Canada GEM Geo-North Program	Non US Government Lab		P19007	Innovative geochemical methods for investigating permafrost and active layer processes in northern Canada	Chemistry	1	1.28
Paul Garmon (S)	C	Natural Resources Canada	Geological Survey of Canada								
Amy Holt (G)	C	Florida State University	EAOS								
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Christophe Rüger (S)	PI	University of Rostock	Interdisciplinary Faculty, Department Life, Light & Matter	European Network of Fourier-Transform Ion-Cyclotron-Resonance Mass Spectrometry Centers	Other Non US Federal Agency	ID: 731077	P19814	Chemical characterization of carbonaceous wildfire emissions from chamber experiments by 21 T Fourier transform ion cyclotron resonance mass spectrometer	Chemistry	1	2
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	DFG grant ZI 764/24-1	Other Non US Federal Agency						
Hendryk Czech (S)	C	University of Rostock	Analytical Chemistry, Joint Mass Spectrometry Centre	Heinrich International Lab	Non US Government Lab	12083					
Paul Kosalng (S)	C	University of Rostock	Joint Mass Spectrometry Centre								
Silvia Martinez (S)	C	University of Rostock	Joint Mass Spectrometry Centre								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Anika Neumann (G)	C	University of Rostock	Department Life Light & Matter								
Olga Popovichova (S)	C	Lomonosov Moscow State University	Dept. of Microelectronics								
Eric Schneider (S)	C	University of Rostock	Analytical Chemistry								
Olli Sipputa (S)	C	University of Eastern Finland	Department of Environmental and Biological Sciences, Fine Particle and Aerosol Technology Laboratory (FINE)								
Ralf Zimmermann (S)	C	University of Rostock	Division of Analytical and Technical Chemistry								
Jens Blotweg (S)	PI	Commonwealth Scientific and Industrial Research Organization	Land and Water	DOD	ER - Environmental Research Program	ER21_3550	P19867	High-Field 21 Tesla FT-ICR Mass Spectrometry for Forensic Identification of PFASs	Engineering	1	0.33
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	ICMAR, ICR	DOD	ER - Environmental Research Program	ER21-SO-3550 - CY21					
Greg Blakney (S)	C	National High Magnetic Field Laboratory	ICR	DOD	ER - Environmental Research Program	ER20-1265					
Thomas Borch (S)	C	Colorado State University	Soil and Crop Science	DOD	ER - Environmental Research Program	ER-2718					
Chris Hendrickson (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program								
Christopher Higgins (S)	C	Colorado School of Mines	Civil and Environmental Engineering								
John Komuc (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	New Mexico State University, Main Campus	Chemical Analysis & Instrumentation Laboratory								
Allan Bacon (S)	PI	University of Florida	Soil and Water Sciences	No other support			P19679	Chemical Signatures of Biosolid Movement Across the St Johns River Watershed	Biology, Biochemistry, Biophysics	2	1.17
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Yang Lin (S)	C	University of Florida	Soil and Water Sciences								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Aubrey Miller (G)	C	Florida State University	EAOS								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Liza McDonough (P)	PI	Australian Nuclear Science and Technology Organization	Environment	Australian Research Council Special Research Initiative in Excellence in Antarctic Science	Other Non US Federal Agency	Project ID SR20010005	P19007	Investigating carbon cycling in Antarctic and sub-Antarctic lakes	Chemistry	2	1.45
Martin Andersen (S)	C	University of New South Wales	School of Civil and Environmental Engineering	Australian Research Council under Discovery Project	Other Non US Federal Agency	DP160101379					
Andy Baker (S)	C	University of New South Wales	School of Biological, Earth and Environmental Sciences	National Collaborative Research Infrastructure Strategy (NCRIS)	Other Non US Federal Agency						
Megan Behrke (P)	C	University of Alaska, Southeast	Natural Science								
Amy Holt (G)	C	Florida State University	EAOS								
Christopher Marjo (T)	C	University of New South Wales	School of Biological, Earth and Environmental Sciences								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Karina Meredith (T)	C	Unknown	Australia's Nuclear Science and Technology Organisation								
Denis O'Carroll (T)	C	University of New South Wales	School of Civil and Environmental Engineering								
Phedala Oudone (G)	C	University of New South Wales	School of Biological, Earth and Environmental Sciences								
Helen Rutledge (T)	C	University of New South Wales	School of Civil and Environmental Engineering								
Isaac Santos (S)	C	Southern Cross University	National Marine Science Centre								
Krystyna Saunders (S)	C	Australian Nuclear Science and Technology Organization	Environment								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
James McClelland (S)	PI	University of Texas, Austin	Marine Science Institute	NSF	OPP - Office of Polar Programs	OPP1938873	P19915	Dissolved Organic Matter Composition and Processing in a Subterranean Estuary along the Alaskan Beaufort Sea Coast	Chemistry	1	0.83
Megan Behrke (P)	C	University of Alaska, Southeast	Natural Science								
Emily Bristol (G)	C	University of Texas, Austin	Marine Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Renzun Zhao (S)	PI	North Carolina Agricultural and Technical State University	Civil, Architectural and Environmental Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2101063	P19962	Elevated temperature landfill leachate characterization and implications: Humic substance isolation, aromaticity, and biodegradability	Engineering	2	2
MD Ashik Ahmed (G)	C	North Carolina Agricultural and Technical State University	Nanoengineering								
Brian Brazz (S)	C	Waste Management Inc.	Waste Management								
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Salee Gawande (G)	C	Lamar University	Civil and Environmental Engineering Department								
Synthia Parveen Mallick (G)	C	Marquette University	Civil, Construction & Environmental Engineering								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Hersh Patel (G)	C	North Carolina Agricultural and Technical State University	Computational Science and Engineering								
Md Redwan Rashid (G)	C	North Carolina Agricultural and Technical State University	Civil, Architectural and Environmental Engineering								
Alfred Wade (G)	C	Lamar University	Civil and Environmental Engineering								
Wenzheng Yu (S)	C	Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences	State Key Laboratory of Environmental Aquatic Chemistry								
Liane Benning (S)	PI	Helmholtz Zentrum-Potsdam	Geochemistry	Alexander von Humboldt Foundation research grant	Non US Foundation		P19980	Development of analytical approaches to characterize particulate organic matter in glaciers	Chemistry	2	1.75
Runa Antony (P)	C	Helmholtz Zentrum-Potsdam	Interface Geochemistry	European Research Council Synergy	Non US Council	Deep Purple, 856416					
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Pamela Rossel (P)	C	Helmholtz Zentrum-Potsdam	Section 3.5 Interface Geochemistry								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								

Participants (Name, Role, Org., Dept.)		Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Dionysios Dionysiou (S)	PI * University of Cincinnati	NSF					
Huan Chen (S)	C National High Magnetic Field Laboratory	Ohio State University SPC					
Hadeeb Hamid (G)	C University of Cincinnati						
Minghao Kong (G)	C University of Cincinnati						
Amy McKenna (S)	C National High Magnetic Field Laboratory						
Katelein Wetzel (G)	C University of Cincinnati						
Zhu Zhang (G)	C University of Cincinnati						
Henderson Claeves (S)	PI Carnegie Institution of Washington	John Templeton Foundation	US Foundation				
Jakob Andersen (S)	C University of Southern Denmark	Novo Nordisk Foundation					
Huan Chen (S)	C National High Magnetic Field Laboratory	Novo Nordisk Foundation					
Romulo Cruz-Simbrón (S)	C National High Magnetic Field Laboratory	Blue Marble Space Institute of Science					
Joseph Frye (G)	C National High Magnetic Field Laboratory	Independent Research Fund Denmark					
Siddhant Sharma (G)	C ashoka university	FONDECYT	Other				
Thomas Atkinson (S)	PI University of Alabama, Birmingham	University of Alabama at Birmingham	US College and University				
Lisa Anderson (S)	C National High Magnetic Field Laboratory						
James Daubenspeck (S)	C University of Alabama, Birmingham						
Kevin Dybvig (S)	C University of Alabama, Birmingham						
John Santford (G)	C University of Alabama, Birmingham						
Li Xiao (S)	C University of Alabama, Birmingham						
Alan Marshall (S)	PI National High Magnetic Field Laboratory	No other support					
Martha Chacon (S)	C National High Magnetic Field Laboratory						
Joseph Frye (S)	C National High Magnetic Field Laboratory						
Ryan Rodgers (S)	C National High Magnetic Field Laboratory						
Colin Cooke (S)	PI * University of Alberta	Alberta Environment and Parks and Environment and Climate Change Canada	Non US Government Lab				
Jason Ahad (S)	C Natural Resources Canada						
Martha Chacon (S)	C National High Magnetic Field Laboratory						
Huan Chen (S)	C National High Magnetic Field Laboratory						
Craig Emmerton (S)	C Government of Alberta						
Amy McKenna (S)	C National High Magnetic Field Laboratory						
Francisco Fernandez-Lima (S)	PI Florida International University	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AI121167			
Lilian Valadares Tose (P)	C Florida International University						
Chad Weisbrod (S)	C National High Magnetic Field Laboratory						
Francisco Fernandez-Lima (S)	PI Florida International University	NSF	HRD - Human Resource Development	1547798			
Lilian Valadares Tose (P)	C Florida International University						
Chad Weisbrod (S)	C National High Magnetic Field Laboratory						
Amin Mikroul (S)	PI University of Idaho	Riverence provisions LLC					
Rance Bare (S)	C University of Idaho	USDA - Department of Agriculture					
Martha Chacon (S)	C National High Magnetic Field Laboratory	USGS					
Huan Chen (S)	C National High Magnetic Field Laboratory	university of Idaho aquaculture research institute	Other US College and University	104b grant			
Amy McKenna (S)	C National High Magnetic Field Laboratory						
Kenneth Overturf (S)	C U.S. Department of Agriculture						
Krishnan Raja (S)	C University of Idaho						
Ethan Struhs (G)	C University of Idaho						
Declan Jara (S)	PI University of Alabama, Tuscaloosa	USDA - Department of Agriculture					
Lydia Babcock-Adams (P)	C National High Magnetic Field Laboratory						
Huan Chen (S)	C National High Magnetic Field Laboratory						
Tahir Magboob (P)	C University of Alabama, Tuscaloosa						
Amy McKenna (S)	C National High Magnetic Field Laboratory						
Brice Boussiere (S)	PI University of Pau and the Adour Region	IPREM	Other				
Martha Chacon (S)	C National High Magnetic Field Laboratory	International Humic Substances Society	Other				
Joseph Frye (G)	C National High Magnetic Field Laboratory	Université de Pau et des Pays de l'Adour	Other				
Deisy Gratiola Davis (G)	C University of Pau and the Adour Region						
Ryan Rodgers (S)	C National High Magnetic Field Laboratory						
Jeffrey Hawkes (S)	PI Uppsala University	FORMAS	Non US Foundation	2021-00543			
Lydia Babcock-Adams (P)	C National High Magnetic Field Laboratory						
Huan Chen (S)	C National High Magnetic Field Laboratory						
Alexander Craig (P)	C Uppsala University						
Amy McKenna (S)	C National High Magnetic Field Laboratory						
Christine Foreman (S)	PI Montana State University	NASA		80NSSC18K0814			
Markus Dieser (G)	C Montana State University						
Amy McKenna (S)	C National High Magnetic Field Laboratory	NSF	OPP - Office of Polar Programs	OPP2037963			
Heidi Smith (G)	C Montana State University						
Madelyne Willis (G)	C Montana State University						
Jennifer Brodbelt (S)	PI * University of Texas, Austin	NSF	CHE - Chemistry	CHE2203602			
Sean Dunham (G)	C University of Texas, Austin						
Chad Weisbrod (S)	C National High Magnetic Field Laboratory						
Isabel Romero (S)	PI University of South Florida	NOAA	Other US Federal Agency				
Huan Chen (S)	C National High Magnetic Field Laboratory	National Academies of Science Engineering and Medicine	US Foundation				
Amy McKenna (S)	C National High Magnetic Field Laboratory						
Klara Lech (S)	PI Environmental Protection Agency	EPA					
Huan Chen (S)	C National High Magnetic Field Laboratory						
Robyn Conny (S)	C Environmental Protection Agency						
Amy McKenna (S)	C National High Magnetic Field Laboratory						
Devi Sundaravadivelu (S)	C Pegasus Technical Services Inc						
Mariany Combariza (S)	PI Industrial University of Santander	Colombian Ministry of Science and Technology	Non US Ministry				
Martha Chacon (S)	C National High Magnetic Field Laboratory						
Mariany Combariza (S)	C Industrial University of Santander						
Luis Diaz-Sánchez (G)	C Industrial University of Santander						
Guillermo Leon Montoya Pelaez (S)	C CESI University						
Bradley Toar (S)	PI * University of North Carolina, Wilmington	University of North Carolina Wilmington	US College and University				
Lydia Babcock-Adams (P)	C National High Magnetic Field Laboratory						
Parker Lawrence (G)	C University of North Carolina, Wilmington						
Amy McKenna (S)	C National High Magnetic Field Laboratory						
Yana Liu (S)	PI University of Florida	University of Florida	US College and University				
Franky Celestin (G)	C University of Florida						
Ryan Champiny (G)	C University of Florida						
Huan Chen (S)	C National High Magnetic Field Laboratory						
Silvia Córdova (S)	C University of Nebraska, Lincoln						
Swarnali Mahmood (G)	C University of Florida						
Amy McKenna (S)	C National High Magnetic Field Laboratory						
Christine Sprunger (S)	C Michigan State University						
Christopher Ruger (S)	PI University of Rostock	Industry research cooperation agreement (IcHthyl-Gesellschaft Cordes, Hermann & Co. (GmbH & Co.)	Other				
Martha Chacon (S)	C National High Magnetic Field Laboratory						
Raf Zimmernann (S)	C University of Rostock						
Mary Lusk (S)	PI * University of Florida	NOAA/NOS/NCCOS	Other US Federal Agency	NA19NOS4780183			
Huan Chen (S)	C National High Magnetic Field Laboratory	University of Florida	US College and University				
Audrey Goodner (P)	C University of Florida						
Cynthia Hall (S)	C Mote Marine Laboratory						
Patricia Holland (S)	C Mote Marine Laboratory						
Amy McKenna (S)	C National High Magnetic Field Laboratory						
Amanda Mum-Morgan (G)	C University of Florida						

Participants (Name, Role, Org., Dept.)		Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used		
Michael Stuelkel (S)	PI	Florida State University	Earth, Ocean, and Atmospheric Science	NSF	OCE1637632	P20214	Characterization of Sediment Trap Water Soluble Organic Matter (WSOM)	Chemistry	2	1	
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	NSF	OCE224726						
Heather Forner (G)	C	Florida State University	Earth Ocean and Atmospheric Sciences	NSF	OCE1851347						
Amy Holt (G)	C	Florida State University	EAOS	NSF	NOAA-NOSNCCOS-2017-2004875						
Sven Kranz (S)	C	Rice University	BioSciences			P20215	Characteristics and Treatability of Pyrogenic Organic Carbon and Nitrogen	Engineering	1	1.08	
Amy McKenna (S)	C	National High Magnetic Field Laboratory	Earth, Ocean & Atmospheric Science	DOE	BER - Biological & Environmental Research						
Robert Spencer (S)	C	Florida State University	Earth and Environmental Sciences	NSF	EAR - Earth Sciences						
Alex Chow (S)	C	Chinese University of Hong Kong	Earth and Environmental Sciences	DOE	Savannah River Site, Savannah River Site						
Jeffrey Atkins (S)	C	USDA Forest Service	Oak Ridge National Laboratory	National Institute of Food Agriculture Bioenergy Natural Resources and Environment	US Government Lab						
Scott Brooks (S)	C	Oak Ridge National Laboratory									
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Huan Chen (S)	C	Clemson University	Department of Environment Engineering and Earth Science								
Peijia Ku (S)	C	Oak Ridge National Laboratory	ORNL								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Xiaohan Mo (G)	C	Shenzhen Graduate School, School of Urban Planning and Design									
Scott Painter (S)	C	Oak Ridge National Laboratory	ORNL								
Carl Tretten (S)	C	USDA Forest Service	Santee Experimental Forest, SC								
Yuhua Zheng (G)	C	Clemson University	Forestry and Environmental Conservation								
Kevin Van Geem (S)	PI	Ghent University	Department Of Materials, Textiles And Chemical Engineering	Ghent University, Laboratory of Chemical Technology	Non US College and University	P20216	Detailed compositional analysis of plastic pyrolysis oils	Engineering	1	7	
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance			P20217	Enhancing the compositional characterization of phenolphthalein from Colombian cocoa beans via CCN-51 using homemade ET-MALDI matrices	Chemistry	1	2.5	
Marvin Kusenberg (G)	C	Ghent University	Laboratory for Chemical Technology								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Yannick Uebel (G)	C	Ghent University	Chemical Engineering								
Mariany Combarza (S)	PI	Industrial University of Santander	Chemistry	Universidad Industrial de Santander	Non US College and University						
Cristian Blanco-Tirado (S)	C	Industrial University of Santander	Chemistry								
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Luis Diaz-Sánchez (G)	C	Industrial University of Santander	Santander								
Deisy Giraldo Davila (G)	C	University of Pau and the Adour Region	Chemistry								
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR								
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	Bioanalysis Laboratory	Serrapilheira Institute	Non US Foundation	P20219	Identification of bioactive fractions of açai (Euterpe oleracea Mart.) seed extract	Chemistry	1	0.83	
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	Coordination for the Improvement of Higher Education Personnel	Non US Foundation	Serra-1708-15009					
Gabriel Rocha Martins (P)	C	National Institute of Technology	DICAP	Carlos Chagas Filho Foundation for Supporting Research in the State of Rio de Janeiro	Non US Foundation	FAPEJA, JCNE-SEI-260003/004754/2021					
Randelle Bundy (S)	PI	University of Washington	School of Oceanography	Simons Foundation SCOPE-Gradients	Other	7212333	P20222	Improving characterization of organic metal-binding ligands in seawater	Chemistry	1	6
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Laura Moore (G)	C	University of Washington	Oceanography								
Jwoon Park (P)	C	University of Washington	Oceanography								
Carlos Alonso (S)	PI	Normandy University	Chemistry	No other support			P20224	Molecular characterization of bio-oils from the pyrolysis of lignocellulosic biomass using liquid chromatography coupled to ultra-high resolution mass spectrometry (21-tesla FTICR MS)	Chemistry	1	7
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Pierre Giusti (S)	C	TotalEnergies	Research & Technology								
Julien Mailhard (G)	C	Versailles Saint-Quentin-en-Yvelines University	LATMOS								
Charlotte Mase (G)	C	University of Rouen	Seine maritime								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR								
Nir Galil (P)	PI	Swiss Federal Institute of Technology in Zurich	Department of Earth Sciences	No other support			P20226	The geologic history of seawater DOC from marine iron oxides	Biology, Biochemistry, Biophysics	1	1.33
Josdon Hennigway (G)	C	MIT/WHOI Joint Program in Oceanography	Marine Chemistry & Geochemistry								
Martin Kurak (P)	C	Florida State University	Earth, Ocean, and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Chris Henriksen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program				P20232	Hardware Upgrade to 21T FT-ICR Mass Analyzer	Chemistry	2	12.58
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								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
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	2.83
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								
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 structuring during permafrost thaw	Chemistry	1	0.5
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Sommer Starr (G)	C	Florida State University	Earth, Ocean, and Atmospheric Science								
Daniel Petras (S)	PI	Eberhard Karls University of Tuebingen	Functional Metabolomics Lab	German Research Foundation	Non US Foundation	Cluster of Excellence CMFI	P20244	Investigating the Chemical Complexities of Marine Dissolved Organic Matter using a Molecular Networking Approach with LC-FT-ICR-MS Analysis at 21T	Chemistry	1	5
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Paolo Siniccone (P)	C	Eberhard Karls University of Tuebingen	CMFI								
Giovanni Andrea Vitale (P)	C	Eberhard Karls University of Tuebingen	MIT								
Eliase Morrison (S)	PI	University of Florida	Environmental Engineering Sciences	No other support			P20291	Evaluation of biological and photochemical transformations of treatment wetland organic matter	Chemistry	1	0.83
Jolo Henrique Amaral (P)	C	University of Florida	Dept. of Environmental Engineering Sciences								
Thomas Bianchi (S)	C	University of Florida	Geological Sciences								
Jacob Gaddy (G)	C	University of Florida	Geological Sciences								
Martin Kurak (P)	C	Florida State University	Earth, Ocean, and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Todd Osborne (S)	C	University of Florida	Whitney Laboratory for Marine Bioscience								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Joshua Dean (S)	PI	University of Bristol	School of Geographical Sciences	UK early career funding	Non US College and University		P20293	Do peatland wildfires change the age of carbon released into rivers?	Engineering	1	0.75
Christopher Evans (S)	C	UK Centre for Ecology and Hydrology	Bangor	UK's Natural Environment Research Council (NERC)	Non US Government Lab	NE/V009001/1					
Robert Hilton (S)	C	University of Oxford	Earth Sciences								
Amy Holt (G)	C	Florida State University	EAOS								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science								
Dohy Kohwatski (S)	PI	Uppsala University	Department of Ecology and Genetics/Limnology	niz			P20311	Absorption of dissolved organic matter to mineral surfaces and resulting biodegradability potential	Chemistry	1	1.33
Marloes Groeneweld (P)	C	Uppsala University	Ecology & Genetics / Limnology								
Anne Kellerman (P)	C	Florida State University	Earth, Ocean and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Myma Simpson (S)	C	University of Toronto (Toronto)	Environmental NMR Centre and Department of Physical & Environmental Sciences								
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	3
Rachel White (U)	C	National High Magnetic Field Laboratory	Chemistry								
Christoph Röger (S)	PI	University of Rostock	Interdisciplinary Faculty, Department Life, Light & Matter	German Research Foundation (DFG)	Other	ZI 764/28-1	P20334	Compositional and Structural Analysis of Aerosol Humic-like Substances (HULIS) Using Online Liquid Chromatography and 21T Fourier Transform Ion Cyclotron Resonance Mass Spectrometry	Chemistry	1	2.5
Martha Chacon (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Joseph Frye (G)	C	National High Magnetic Field Laboratory	CIMAR								
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR								
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Ralf Zimmermann (S)	C	University of Rostock	Division of Analytical and Technical Chemistry								
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	NSF	OPP - Office of Polar Programs	OPP1914081	P20335	Long-term Monitoring of the Influence of Terrestrial Ecosystem Succession on the Biogeochemistry of Postglacial Streams in Glacier Bay National Park	Chemistry	1	0.45
Ryan Bellmore (S)	C	forestry service	Pacific Northwest Research Station								
Jason Fellman (S)	C	University of Alaska, Southeast	Environmental Science								
Amy Holt (G)	C	Florida State University	EAOS								
Eran Hood (S)	C	University of Alaska, Southeast	Environmental Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								

Participants (Name, Role, Org., Dept.)		Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used		
Brett Poulin (S)	PI	University of California, Davis	Environmental Toxicology	NSF	EAR - Earth Sciences	EAR1945388	Resolving the Molecular Nature of Dissolved Organic Sulfur	Chemistry	1	1	
Thomas Borch (S)	C	Colorado State University	Soil and Crop Science	DOE	BES - Basic Energy Sciences	DE-AC02-76SF00515					
Anna Hermes (G)	C	University of Colorado, Boulder	Institute of Arctic and Alpine Research	NSF	AFRI - Agriculture and Food Research Initiative	2114868					
Eve-Lyn Hinkley (S)	C	University of Colorado, Boulder	Cooperative Institute for Research in Environmental Sciences	USDA - Department of Agriculture		. 2021-67019034608					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Collin Ward (S)	PI	Woods Hole Oceanographic Institution	Department of Marine Chemistry and Geochemistry	NSF	CHE - Chemistry	CHE2202621	P20341	Characterization of microplastics in seawater by 21 T FT-ICR MS	Chemistry	1	0.5
Danielle Freeman (G)	C	Woods Hole Oceanographic Institution	Marine Chemistry & Geochemistry	NSF	OCE - Ocean Sciences	OCE2219660					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Andrew Wozniak (S)	PI	University of Delaware	School of Marine Science and Policy	NSF	OCE - Ocean Sciences	OCE2123368	P20359	Comprehensive insights into surfactant dynamics in seawater and the sea surface microlayer of the North Atlantic	Chemistry	1	0.67
Felix Aebischer (G)	C	University of Delaware	School of Marine Science and Policy								
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR								
Amanda Frossard (S)	C	University of Georgia	Chemistry								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Adin Panahi (S)	PI *	Worcester Polytechnic Institute	Chemical Engineering	No other support			P20380	Elucidating the Effects of Radical Sources on Hydrothermal Liquefaction Pathways to Produce Biocrude	Engineering	1	1
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Michael Timko (S)	C	Worcester Polytechnic Institute	Chemical Engineering								
Randa Adhikari (S)	PI *	Florida Gulf Coast University	Marine and Earth Sciences	NSF	OCE - Ocean Sciences	OCE2309659	P20423	Remineralization effects of enhanced allochthonous dissolved organic matter in the West Florida Shelf impacted by Hurricane Ian	Chemistry	2	0.7
Adam Catusas (S)	C	Florida Gulf Coast University	The Water School								
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Isabel Romero (S)	C	University of South Florida	College of Marine Science								
Hamada Abdelrahman (S)	PI *	Cairo University	Soil Science	No other support			P20429	Agricultural management and its effects on soil organic matter molecular composition and possible transformation	Chemistry	1	0.25
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Dan Ok (S)	C	U.S. Department of Agriculture	National Laboratory for Agriculture and the Environment								
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	NASA			P20434	Chemical Signatures of Change in the Arctic: A Study of Terrestrial Dissolved Organic Matter in the Yukon River Delta	Chemistry	1	1.2
Alyssa Burns (G)	C	University of California, Davis	Land, Air and Water Resources								
Anne Kelleman (P)	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								
Orlane Yarn (G)	C	Florida State University	Earth Ocean and Atmospheric Science								
Kimberly Wickland (S)	PI	U.S. Geological Survey	National Research Program	US Geological Survey	Other US Federal Agency		P20435	Improved Understanding and Prediction of Prioritized Water Quality Constituents in the Illinois River Basin	Chemistry	1	0.58
Martin Kurek (P)	C	Florida State University	Earth, Ocean, and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Patricia Medeiros (S)	PI	University of Georgia	Marine Sciences	NSF	OPP - Office of Polar Programs	OPP1941483	P20437	How Does Glacial Melt Affect Dissolved Organic Matter Composition and Transformations in the Amundsen Sea Polynya?	Chemistry	1	2.5
Renato Castela (S)	C	University of Georgia	Marine Sciences								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Giovanna Ustami (G)	C	University of Georgia	Marine Sciences								
Robert Young (S)	PI	New Mexico State University, Main Campus	Chemical Analysis & Instrumentation Laboratory	DOD	SERDP - ESTCP		P20440	Evaluation of the Sensitivity and Selectivity of 21 T FT-ICR MS for PFAS Screening in Field Samples	Chemistry	2	2.75
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR								
Jens Blotvogel (S)	C	Commonwealth Scientific and Industrial Research Organization	Land and Water								
F. Omar Holquin (S)	C	New Mexico State University, Main Campus	Department of Plant and Environmental Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
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	0.42
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 *	Alatunni 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	1	2.5
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR								
James McClelland (S)	PI	University of Texas, Austin	Marine Science Institute	NSF	Other	1914081	P20462	Investigating Seasonal and Spatial Controls on Dissolved Organic Matter (DOM) Persistence across the Pan-Arctic Watershed	Chemistry	2	1.95
Martin Kurek (P)	C	Florida State University	Earth, Ocean, and Atmospheric Science								
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Orlane Yarn (G)	C	Florida State University	Earth Ocean and Atmospheric Science								
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	0.67
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)								
Natalia Malina (S)	PI *	Auburn University	Geosciences	No other support			P20494	Analyzing larger molecular weight fractions of DOM by 21 T FT-ICR MS	Chemistry	1	0.33
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Ann Ojeda (S)	C	Auburn University	Geosciences								
Diana Palaco (S)	PI	University of Warwick	Chemistry	No other support			P20505	Assessing the chemical composition and hydroxy group content of pyrolytic fractions of bio-oils by FTICR MS	Chemistry	1	1
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR								
Martin Wills (S)	C	University of Warwick	Chemistry								
Total Proposals:							73	Experiments:	92	Days:	947

Participants (Name, Role, Org., Dept.)		Funding Sources (Funding Agency, Division, Award #)	Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Samuel Grant (S)	PI National High Magnetic Field Laboratory	Chemical & Biomedical Engineering					
Ashley Blue (T)	C National High Magnetic Field Laboratory	HRFL					
Harshil Bhandari (G)	C Florida State University	Chemical and Biomedical Engineering at the College of Engineering					
Sherry Cho (D)	C National High Magnetic Field Laboratory	DMR - Division of Materials Research	DMR212656				
Theryn Chicanos (S)	C National High Magnetic Field Laboratory	DMR					
Mahesh Chumali (D)	C National High Magnetic Field Laboratory	DMR					
Fredrick Hernandez (S)	C National High Magnetic Field Laboratory	DMR					
Faith Scott (P)	C National High Magnetic Field Laboratory	DMR					
Farah Wili (S)	C National High Magnetic Field Laboratory	DMR					
Samuel Grant (S)	PI National High Magnetic Field Laboratory	Chemical & Biomedical Engineering					
Djano Alaguer (I)	C University of Illinois at Chicago	Richard and Lucan Hill Department of Biomedical Engineering					
Benzhao Chen (S)	C Florida State University	Chemistry & Biochemistry					
Chenric Chen (D)	C National High Magnetic Field Laboratory	NMR					
Mahesh Chumali (D)	C National High Magnetic Field Laboratory	NMR					
Federico Kusner (D)	C Pennsylvania State University	Engineering science and Mechanics Department					
Senja Matzko (G)	C Institut für Bioengineering of Catalonia	IBEC - Institut for Bioengineering of Catalonia					
Jenna Radovich (G)	C Florida State University	Chemical & Biomedical Engineering					
Danya Richter (G)	C Florida State University	Chemical & Biomedical Engineering					
Adnan Vase (S)	PI University of Florida	Chemistry					
Clifford (Rus) Bowser (S)	C University of Florida	Chemistry	CH1808234				
Alec Espar (G)	C University of Florida	Chemistry					
Zhuyu Mao (G)	C University of Florida	Department of Chemistry					
Reza Samadpour (S)	C University of Florida	Chemistry					
Iva Urvah (S)	PI National High Magnetic Field Laboratory	DMR/NMR					
William Blev (S)	C National High Magnetic Field Laboratory	NMR					
Jasna Kishan (T)	C National High Magnetic Field Laboratory	NMR					
Daphny Strouka (S)	PI National High Magnetic Field Laboratory	Chemistry					
Adam Bamber (G)	C Florida State University	Chemistry & Biochemistry					
Carl Conti (G)	C Florida State University	Chemistry & Biochemistry					
Catherine Fabiano (G)	C Florida State University	Chemistry					
Zhongqiang Gan (S)	C National High Magnetic Field Laboratory	HRFL					
Hui-Hung (G)	C National High Magnetic Field Laboratory	DMR/NMR					
Jasmin Kuznyak (G)	C Florida State University	Chemistry & Biochemistry					
Raul Ornela (S)	C Florida State University	Chemistry & Biochemistry					
Robert Schurko (S)	C Florida State University	Chemistry					
Robert Smith (G)	C Florida State University	Chemistry and Biochemistry					
Chayana Upadhyay (G)	C Florida State University	Chemistry and Biochemistry					
Hadi Mohammadpourkhaki (S)	PI Florida State University	Chemical and Biomedical Engineering					
Jamali Bhaqy (G)	C Florida State University	Chemical ENG					
Shahid Grant (S)	C National High Magnetic Field Laboratory	Chemical & Biomedical Engineering					
Ahmad Scogiani (G)	C Florida State University	Chemical & Biomedical Engineering					
Samuel Grant (S)	PI National High Magnetic Field Laboratory	NMR					
Harsh Vaghayashir (S)	PI University of Colorado, Denver	Chemistry					
C. James McKnight (S)	C Boston University	Physiology & Biophysics					
Dmitry Obozrinov (S)	C University of Colorado, Denver	Mathematics					
Jayana Rodrigues (G)	C University of Colorado, Denver	Chemistry					
Ashley Blue (T)	PI National High Magnetic Field Laboratory	HRFL					
William Blev (S)	C National High Magnetic Field Laboratory	NMR					
Justin Douglas (S)	C University of Kansas	Molecular Structures Group					
Hui-Hung (G)	C National High Magnetic Field Laboratory	NMR					
Zhongqiang Gan (S)	C National High Magnetic Field Laboratory	HRFL					
Peer Gorlov (S)	C National High Magnetic Field Laboratory	DMR					
Shahid Grant (S)	C National High Magnetic Field Laboratory	Chemical & Biomedical Engineering					
Hui-Hung (G)	C National High Magnetic Field Laboratory	DMR/NMR					
Jasmin Kuznyak (G)	C Florida State University	Laboratory of Chemical Physics					
Jasmin Kuznyak (G)	C Florida State University	Biochemistry & Molecular Biology					
Jasmin Kuznyak (G)	C Florida State University	DMR					
Josée Ulbré (G)	C University of California, Irvine	Chemistry					
Maddison Wiano (S)	C California State University, East Bay	Chemistry					
Ramsey Wili (S)	C National High Magnetic Field Laboratory	NMR					
Bilke Wilson (P)	C National Institutes of Health	Laboratory of Chemical Physics, National Institute for Diabetes and Digestive and Kidney Diseases					
Samuel Grant (S)	PI National High Magnetic Field Laboratory	NMR					
David De Haen Dal Hui (G)	C Autonomous University of Nuevo León	Facultad de Ciencias Químicas					
Rivera de la Rosa (S)	C Autonomous University of Nuevo León	Chemical Engineering					
Theryn Chicanos (S)	C National High Magnetic Field Laboratory	DMR					
Lucio Fritman (S)	C National High Magnetic Field Laboratory	DMR					
Marcos Garcia-Navares (S)	C Autonomous University of Nuevo León	Facultad de Ingeniería Mecánica y Eléctrica					
Anastasiya Giamantzi (S)	C Watzmann Institute of Science	Chemical and biological physics					
Jian Hou (P)	C Dartmouth University	Energy Engineering					
Woochang Kim (G)	C Dartmouth University	Energy Engineering					
James Kimball (G)	C Florida State University	Chemistry					
Chang-Hyun Lee (S)	C Dartmouth University	Energy Engineering Department					
Wangchun Lee (S)	C University of Colorado, Denver	Chemistry					
Gonggang Li (S)	C Wuhan Institute of Physics & Mathematics, Chinese Academy of Sciences	State Key Lab of Magnetic Resonance					
Jun Hyun Lim (G)	C Dartmouth University	Energy Engineering Department					
Kyeong-Han Lim (S)	C East Carolina University	Chemistry					
Carlos Javier Lucio Ortiz (S)	C Autonomous University of Nuevo León	Facultad de Ciencias Químicas					
Fredrick Hernandez (S)	C National High Magnetic Field Laboratory	DMR					
Francisco José Morales Leal (S)	C Autonomous University of Nuevo León	Chemical Sciences					
Karen Pham (G)	C University of Colorado, Denver	Chemistry					
Evelin Ruiz-Zamora (G)	C Autonomous University of Nuevo León	Chemistry					
Ladislav Šandvol' Rangov (P)	C Montanary Institute of Technology and Higher Education	Escuela de Ingeniería y Ciencias					
Faith Scott (P)	C National High Magnetic Field Laboratory	Biochemistry & Molecular Biology					
Daniela Sola Maldonado (S)	C Veracruzana University	Chemical Sciences					
Johannes Tost (S)	C National High Magnetic Field Laboratory	DMR					
Yinghui Huang (S)	PI University of Waterloo Ontario	Chemistry					
Zhongqiang Gan (S)	C National High Magnetic Field Laboratory	HRFL					
Alia Hession (S)	C Bruker Biospin AG Switzerland	Chemistry					
Hui-Hung (G)	C National High Magnetic Field Laboratory	DMR/NMR					
Wenjie Hu (S)	C University of Michigan, Ontario	Chemistry					
Marlene Monette (S)	C Bruker Biospin AG Switzerland	NMR					
Jochen Struppe (S)	C Bruker Biospin AG Switzerland	NMR					
Victor Terekh (S)	C University of Ottawa	National Ultrahigh-Field NMR Facility for Solids					
Jiahui Yu (G)	C University of Wisconsin, Ontario	Chemistry					
Wenli Zhang (G)	C University of Wisconsin, Ontario	Chemistry					
Tim Cross (S)	PI National High Magnetic Field Laboratory	HRFL-Chemistry & Biochemistry					
Jiangang Fan (G)	C Florida State University	Chemistry and Biochemistry					
Wenhuo Hu (G)	C Florida State University	Chemistry and Biochemistry					
Yan-Yan Hu (S)	C Florida State University	Chemistry & Biochemistry					
Lisa Morok (G)	C Florida State University	Chemistry					
Rosalia Zhang (P)	C National High Magnetic Field Laboratory	HRFL					
Xiao-Xiao Zhou (S)	C University of Illinois at Chicago	Physics and Chemistry					
Daniela Lorenzen (S)	PI University of Montpellier	HRFL					
Zhongqiang Gan (S)	C National High Magnetic Field Laboratory	HRFL					
Christina Gonzalez (S)	C Sorbonne University	Laboratoire de Chimie de la Matière Condensée					
Jean Guiberteau (P)	C French National Center for Scientific Research	HRFL					
Hui-Hung (S)	C National High Magnetic Field Laboratory	DMR/NMR					
Edouard Milette (O)	C French National Center for Scientific Research	ICCM					
Adam Nelson (D)	C Sorbonne University	Chemistry					
Karen Pham (G)	C Florida State University	Chemistry & Biochemistry					
Robert Schurko (S)	C Florida State University	Chemistry					
Natalia Ivanova (S)	C National High Magnetic Field Laboratory	NMR					
Cesarino Bortoluzzi (S)	PI University of South Florida	College of Medicine, Neurosurgery					
Jacob Athey (L)	C Florida State University	Chemical & Biomedical Engineering					
Jamali Bhaqy (S)	C Florida State University	Chemical ENG					
Harsh Bhandari (G)	C Florida State University	Chemical and Biomedical Engineering at the College of Engineering					
Brian Bonnell (G)	C Tulane University	Pharmacology					
Sharon Nelson (G)	C National High Magnetic Field Laboratory	NMR					
David Hsu (G)	C Florida State University	Chemical and Biomedical Engineering					
Hadi Matbousi (S)	C Florida State University	Chemistry & Biochemistry					
Ahmad Scogiani (G)	C Florida State University	Chemical & Biomedical Engineering					
Chayana Upadhyay (G)	C Florida State University	Chemical & Biomedical Engineering					

Participants (Name, Role, Org., Dept.)		Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Leonard Mueller (S)	University of California, Riverside	Chemistry	NH	NCMS - National Institute of General Medical Sciences	GM097569			
Maria Luiza Caldas Nogueira (P)	University of Florida	Biochemistry and Molecular Biology	NH	NCMS - National Institute of General Medical Sciences	GM122668		4	48
Ritik Ghosh (C)	University of California, Riverside	Chemistry	NH	NCMS - National Institute of General Medical Sciences	GM137008			
Ivan Hung (S)	National High Magnetic Field Laboratory	CMR/NMR						
Joanna Long (S)	University of Florida	Biochemistry & Molecular Biology						
Francisco Morlock (S)	National High Magnetic Field Laboratory	CMR						
Faith Scott (P)	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology						
David Tzafra (C)	University of Florida	Physics						
Michael Farnese (S)	Western Michigan University	Physics	DOE	NASA			5	22
Shiva Aparna (C)	Western Michigan University	Physics		Moore Foundation	7799			
Zhenwei Chai (C)	Western Michigan University	Chemistry and Chemical Engineering						
Sorajong Heang (S)	California Institute of Technology	Chemistry						
Robert Moore (S)	Western Michigan University	Chemistry						
John Miller (S)	Western Michigan University	Chemistry Dept						
Enrique W. (S)	National High Magnetic Field Laboratory	NMR						
Keating-Hui Lim (S)	East Carolina University	Chemistry	NH	NINDS - National Institute of Neurological Disorders and Stroke	NS097490		11	62
Matthew Coats (C)	East Carolina University	Chemistry						
Anvesh Kumar Reddy Desari (C)	East Carolina University	Chemistry						
Zhonghao Gan (S)	National High Magnetic Field Laboratory	NMR/EL						
Ivan Hung (S)	National High Magnetic Field Laboratory	CMR/NMR						
Suresh Kumar (S)	National High Magnetic Field Laboratory	NMR						
Changyi Gu (C)	East Carolina University	Chemistry						
Bo Chen (S)	University of Central Florida	Department of Physics	NEP	No other support			12	67
Qiying Fu (S)	National High Magnetic Field Laboratory	NMR		MCB - Molecular and Cellular Biosciences	MCB1856055			
Zhenwei Gan (S)	National High Magnetic Field Laboratory	NMR/EL						
Ivan Hung (S)	National High Magnetic Field Laboratory	CMR/NMR						
Mei Tang Chen (P)	University of Central Florida	Physics						
Marina Ilieva (S)	University of Aveiro	Department of Chemistry		"Pinnacle", European Union's Horizon 2020 research and innovation programme	Other		3	19
Pierre Florian (S)	French National Center for Scientific Research	CEMTH		"Pinnacle", European Union's Horizon 2020 research and innovation programme	Not LB Foundation			
Zhenwei Gan (S)	National High Magnetic Field Laboratory	NMR/EL		"Pinnacle", European Union's Horizon 2020 research and innovation programme	Other			
Luis Mafia (S)	University of Aveiro	Chemistry		"Pinnacle", European Union's Horizon 2020 research and innovation programme	Other			
Melissone Marin-Montesinos (S)	University of Aveiro	Chemistry		"Pinnacle", European Union's Horizon 2020 research and innovation programme	Other			
Francis Morlock (S)	National High Magnetic Field Laboratory	CMR	NH	NCMS - National Institute of General Medical Sciences	GM122668		3	21
Daniel Paralela (C)	University of Aveiro	Chemistry						
Francis Morlock (S)	National High Magnetic Field Laboratory	CMR	NH	NCMS - National Institute of General Medical Sciences	GM14766			
Thierry Dubroca (S)	National High Magnetic Field Laboratory	EMR						
Thomas Hubritzer (P)	University of Iceland	Chemistry						
Thomas May (S)	Bridge12, Technologies, Inc.	R&D						
Faith Scott (P)	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology						
Scott Spurlin (S)	University of Illinois	Chemistry						
Charles Hallett (C)	Washington and Jefferson College	Chemistry	No other support				9	24
Cameron Boley (L)	Washington and Jefferson College	Chemistry						
Anaëlle Dewailly (L)	Washington and Jefferson College	Chemistry						
Zachary Gardner (L)	Washington and Jefferson College	Chemistry						
Sean Holmes (P)	Florida State University	Chemistry and Biochemistry						
Robert Cullum (S)	Macquill University	Chemistry						
Robert Sorkhro (S)	Florida State University	Chemistry and Biochemistry						
Cameron Vayvadin (C)	Florida State University	Chemistry and Biochemistry						
Miriam Colton (S)	College of William and Mary	Applied Science	NEP	MCB - Molecular and Cellular Biosciences	MCB171608		10	107
Heidi Ball (S)	University of Texas, Southwestern	Chemistry	NH	NCMS - National Institute of General Medical Sciences	GM126527			
Qiying Fu (S)	National High Magnetic Field Laboratory	NMR						
Franz Goebel (C)	College of William and Mary	Applied Science						
Daniel Rosenbaum (S)	University of Texas, Southwestern	Biophysics						
Yuesu Xiong (C)	College of William and Mary	Applied Science						
Rongzi Zhang (P)	National High Magnetic Field Laboratory	NMR/EL						
Andria Zouros (C)	College of William and Mary	Applied Science						
Manous Foston (S)	Washington University in St. Louis	Energy, Environmental & Chemical Engineering	NEP	DMR - Division of Materials Research	DMR2105150		1	10.5
Junzuo Lu (C)	Washington University in St. Louis	Department of Energy, Environmental & Chemical Engineering						
Francis Morlock (S)	National High Magnetic Field Laboratory	CMR						
Faith Scott (P)	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology						
Fengze Zhang (S)	Washington University in St. Louis	Energy, Environmental & Chemical Engineering						
Zhenwei Gan (S)	National High Magnetic Field Laboratory	NMR/EL	No other support				17	59.5
William Green (S)	National High Magnetic Field Laboratory	NMR						
Peter Gorlov (S)	National High Magnetic Field Laboratory	CMR						
Robert Giffels (S)	National High Magnetic Field Laboratory	Condensed Matter Science						
Robert Giffels (S)	Massachusetts Institute of Technology	Chemistry						
Ivan Hung (S)	National High Magnetic Field Laboratory	CMR/NMR						
Eric Kessler (S)	Massachusetts Institute of Technology	Chemistry						
Ivan Hung (S)	National High Magnetic Field Laboratory	CMR/NMR						
Wesley May (P)	National High Magnetic Field Laboratory	NMR						
Robert Sorkhro (S)	Florida State University	Chemistry						
Arvin Venkatesh (S)	National High Magnetic Field Laboratory	NMR						
Vijay Yu (P)	National High Magnetic Field Laboratory	solid-state NMR						
Hadi Mohammediqasbi (S)	Florida State University	Chemical and Biomedical Engineering	NEP	CAREER - Faculty Early Career Development Program	1942150		14	99.5
James Blouin (C)	Florida State University	Chemical Engineering	MS&Lab-REU	Other				
Rena Foucart (S)	University of Oklahoma	School of Chemical, Biological and Materials Engineering						
Samuel Grant (S)	National High Magnetic Field Laboratory	Chemical & Biomedical Engineering						
Chloe Pedersen (L)	Florida State University	Chemical and Biomedical Engineering						
Ahmad Soudani (C)	Florida State University	Chemical and Biomedical Engineering						
Sarah Schaefer (S)	University of California, Davis	Chemical Engineering and Materials Science	NEP	DMR - Division of Materials Research	DMR1855176		9	43
Christian Boehme (S)	Pierre and Marie Curie University	Laboratoire de Chimie de la Matière Condensée						
Jean-Claude Fontana (S)	Macquill University	Department of Chemistry and Biochemistry						
Silvia Camero (S)	Metropolitan Museum of Art	Scientific Research						
Kuzhi Chen (P)	National High Magnetic Field Laboratory	NMR						
Valeria Di Tella (P)	Metropolitan Museum of Art	Scientific Research						
Dzidi Dytchowski (S)	University of Delaware	Chemistry and Biochemistry						
Zhenwei Gan (S)	National High Magnetic Field Laboratory	NMR/EL						
Christel Gervais (S)	Bordeaux University	Laboratoire de Chimie de la Matière Condensée						
Vincent Hamel (S)	University of Western Ontario	Chemistry						
Ivan Hung (S)	National High Magnetic Field Laboratory	CMR/NMR						
Vincent Marlin (S)	University of Western Ontario	Chemistry						
Scott McCormick (S)	University of California, Davis	Materials Science & Engineering						
Jonathan Beattie (S)	Stanford University	Materials Science & Engineering						
Rena Swanson (C)	University of California, Davis	Materials Science & Engineering						
Arvin Venkatesh (S)	National High Magnetic Field Laboratory	NMR						
Maha Wasner (C)	University of Delaware	Department of Chemistry and Biochemistry						
Taehun Yoo (C)	Pohang University of Science and Technology	Graduate Institute of Ferrous & Energy Materials Technology						
Bing Yuan (C)	University of California, Davis	Department of Chemistry and Biochemistry						
Wahy Zhang (C)	University of Western Ontario	Chemistry						
Michelle Zurbriggen (S)	Independent Scholar and Consultant	Consulting						
Rebecca Wilson (S)	University of Rochester	Chemistry	NEP	CHE - Chemistry	CHE1904528		3	8
Hannah Duffield (C)	University of Rochester	Chemistry						
Eliana Oulvey (C)	University of Rochester	Chemistry						
Robert Sorkhro (S)	Florida State University	Chemistry	NEP	CHE - Chemistry	CHE203864		116	289
Christie Anderson (S)	Florida State University	Chemistry and Biochemistry						
Louise Abdulla (C)	University of Windsor	Chemistry						
Christina Bhatt (C)	Florida State University	Chemistry and Biochemistry						
Jochen Autschbach (S)	University of Buffalo	Chemistry						
Eric Bryneman (S)	Catholic University Leuven	MGS						
Carl Core (C)	Florida State University	Chemistry & Biochemistry						
Dixie Dom (T)	Catholic University Leuven	MGS						
Luca Dondoli (C)	Florida State University	Chemistry						
Catherine Fabiano (C)	Florida State University	Chemistry						
Carl Fincher (C)	Florida State University	Chemistry						
Tomaslav Fricok (S)	McGill University	Chemistry						
Zhenwei Gan (S)	National High Magnetic Field Laboratory	NMR/EL						
Ivan Gollberg (P)	French National Center for Scientific Research	Institut Charles Gerhardt de Montpellier						
Sean Hines (P)	Iowa State University	Chemistry						
Sean Hines (P)	Florida State University	Chemistry and Biochemistry						
Marian Houbenberga (P)	Catholic University Leuven	MGS						
Ivan Hung (S)	National High Magnetic Field Laboratory	CMR/NMR						
Michael Janszowicz (C)	University of Windsor	Chemistry						
James Kimball (C)	Florida State University	Chemistry						
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Leonard MacDilliver (S)	University of Iowa	Department of Chemistry and Biochemist						
Francis Morlock (S)	National High Magnetic Field Laboratory	CMR						
Thomas Xavier Mito (S)	Instituto Biocimol6gicos Max Mousseron	Equipe Chimie Verte et Technologies Innovantes						
Justin Peach (C)	Florida State University	Chemistry and Biochemistry						
Adam Peltus (P)	University of Buffalo	Chemistry						
Santosh Prudharaman (S)	Catholic University Leuven	MGS						
Jeremy Rawson (C)	University of Windsor	Department of Chemistry and Biochemistry						
Justine Sanchez (C)	Florida State University	Chemistry and Biochemistry						
Justin Schoenbart (C)	Florida State University	Chemistry and Biochemistry						
Faith Scott (P)	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology						
Robert Smith (P)	Florida State University	Chemistry and Biochemistry						
Jessica Spackova (P)	University of Montpellier	Chemistry						
Destiny Stovacek (S)	National High Magnetic Field Laboratory	Chemistry						
Sara Ternes (C)	Florida State University	Department of Chemistry and Biochemistry						
John van Tol (S)	National High Magnetic Field Laboratory	DMR						
Cameron Vayvadin (C)	Florida State University	Chemistry and Biochemistry						
Lara Vayvadin (C)	University of Windsor	Chemistry and Biochemistry						

Participants (Name, Role, Org., Dept.)		Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used	
Lymette Thompson (S)	PI University of Massachusetts	NH	NCMS - National Institute of General Medical Sciences	GM20195	Solid-state NMR and DNP of protein interactions in functional bacterial chemotaxis signaling complexes	Biology, Biochemistry, Biophysics	5	12	
Alicia Allen (S)	C University of Massachusetts								
Robert Schurko (S)	C National High Magnetic Field Laboratory								
John Palmer (S)	PI University of California, Berkeley	DOE	Other	JCESR	P20168	NMR Investigation of Anti-Proviral Mj-10n Solid Electrolytes	Material Science	2	6
Zhonggang Gan (S)	C National High Magnetic Field Laboratory	DOE	JCESR - Joint Center for Energy Storage Research	DE-AC02-06CH11357					
David Hasi (PI)	C Lawrence Berkeley National Laboratory								
Siwei Xue (S)	C Ansoone National Laboratory								
Houyu Liu (PI)	C Ansoone National Laboratory								
Robert Schurko (S)	C Florida State University								
Arnt Venkatesh (S)	C National High Magnetic Field Laboratory								
Xiaodong Wang (S)	C California State University, East Bay								
Mengdi Schirone (S)	PI University of North Carolina								
Arvin Bagdi (PI)	C Florida Agricultural and Mechanical University		No other support						
Robert Schurko (S)	C Florida State University								
Enrique Vil (S)	C National High Magnetic Field Laboratory								
Song Han (S)	PI University of California, Santa Barbara								
Jinxiu Cai (S)	C Washington University in St. Louis								
Kenneth Szelegmeyer (S)	C University of Illinois								
Kaifeng Chaochun (S)	PI Mayo Clinic, Jacksonville	FAMUFSU College of Engineering							
Hunter Anderson (S)	C Florida State University								
Vanessa Gonzalez (S)	C National High Magnetic Field Laboratory								
Samuel Grant (S)	C Florida State University								
Alka Kufman (S)	C Florida State University								
Michael Lohse (S)	C Florida State University								
Willie Sorensen (S)	C Florida Agricultural and Mechanical University								
David Torres-Nalanda (S)	C Florida State University								
Arvin Bagdi (PI)	C University of Buffalo	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	31	85
Sean Holmes (PI)	C Florida State University								
James Kennel (S)	C Florida State University								
Adam Phillips (PI)	C University of Buffalo								
Robert Schurko (S)	C Florida State University								
Robert Smith (S)	C Florida State University								
Sara Tortorella (S)	C Florida State University								
Yipeng Wang (S)	PI University of Chicago	NEF	CMMI - Civil, Mechanical & Manufacturing Innovation	CMM203708	P20281	Characterization of cathode materials with aqueous binders by Solid-state NMR	Material Science	7	31
Yong Chen (PI)	C Brookhaven National Laboratory								
Yanhao Dong (S)	C University of Pennsylvania								
Yanhao Dong (PI)	C Massachusetts Institute of Technology								
Yanhao Dong (S)	C Beijing University								
Yanhao Dong (S)	C National High Magnetic Field Laboratory								
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Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used	
Jamie Manson (S) Paul Goddard (S) John Singleton (S)	PI C C	Eastern Washington University University of Warwick National High Magnetic Field Laboratory	Chemistry and Biochemistry Department of Physics Physics	NSF	DMR - Division of Materials Research DMR2104167	P19233	New topologies in Ni(Tl) quantum magnets with XY anisotropy	Condensed Matter Physics	1	5
Janice Musfeldt (S) Avery Blockmon (G) Minseong Lee (S) Vivian Zapf (S)	PI C C C	University of Tennessee, Knoxville University of Tennessee, Knoxville National High Magnetic Field Laboratory National High Magnetic Field Laboratory	Department of Chemistry Chemistry MPA-MAG Physics	NSF	DMR - Division of Materials Research DMR1707846	P19343	High field spectroscopy of materials with broken symmetry and strong spin-orbit coupling	Chemistry	1	5
Keshav Suresha (S) Thinh Nguyen (G) Cole Phillips (U) Shengzhi Zhang (P)	PI C C C	Texas A&M University West Texas A&M University West Texas A&M University National High Magnetic Field Laboratory	Chemistry and Physics Chemistry and Physics Chemistry and Physics MPA-MAGLAB; MPA-MAG LAB NHMFL GROUP	Welch Foundation	US Foundation AE-0025	P19467	Search of Topological Phases of Materials	Condensed Matter Physics	1	5
Lu Li (S) Aaon Chan (G) Kuan-Wen Chen (P) Kaila Jenkins (G) David Mandrus (S) Yui Matsuda (S) Ziji Xiang (P) Dechen Zhang (G) Guoxin Zheng (G) Yuan Zhu (G)	PI C C C C C C C C C	University of Michigan University of Michigan University of Michigan University of Michigan University of Tennessee, Knoxville Kyoto University University of Michigan University of Michigan University of Michigan University of Michigan	Physics Department of Physics Physics Department of Physics Materials Science and Engineering Physics Physics Department of Physics Department of Physics Department of Physics	DOE NSF	BES - Basic Energy Sciences DMR - Division of Materials Research DE-SC0020184 DMR2004288	P19528	Search for novel electronic and magnetic state in ultraintensive magnetic fields	Condensed Matter Physics	10	50
Mian Chen (S) Ariando Ariando (S) Neil Harrison (S) Rubi Km (P) Boris Malozov (S) Joseph Chackelsky (S) Alan Chen (G) Paul Neves (G) Joshua Wakefield (G) Shu Yang Zhao (P)	PI C C C C PI C C C C	National High Magnetic Field Laboratory National University of Singapore National High Magnetic Field Laboratory Los Alamos National Laboratory National High Magnetic Field Laboratory Massachusetts Institute of Technology Massachusetts Institute of Technology Massachusetts Institute of Technology Massachusetts Institute of Technology Massachusetts Institute of Technology	Physics Department of Physics / NUSNNI Physics MPA-MAGLAB MPA-MAGLAB Physics EECS Physics Physics Physics	DOE NSF	BES - Basic Energy Sciences F10100 DMR - Division of Materials Research DMR1231319	P19534 P19540	Unconventional superconductivity in nickelates and cuprates High Field Studies of Novel Layered Materials	Condensed Matter Physics Condensed Matter Physics	1 3	5 23
Scott Crooker (S) Junho Choi (P) Jing Li (S) Xavier Marie (S) Bernhard Urbaszek (S)	PI C C C C	National High Magnetic Field Laboratory Los Alamos National Laboratory Huazhong University of Science and Technology National Institute for Applied Sciences, Toulouse National Institute for Applied Sciences, Toulouse	Nat High Magnetic Field Lab MPA-MAGLAB Physics Laboratoire de Physique et Chimie des Nano-objets Laboratoire de Physique et Chimie des Nano-objets	DOE	BES - Basic Energy Sciences Science of 100T	P19567	Optical Spectroscopy of "Twisted" Moire Crystals in High Magnetic Fields	Condensed Matter Physics	1	10
Cui-Zu Chang (S) David Graf (S) Seng Hui Lee (S) Zhiqiang Mao (S) Hamian Yi (P) Yi-Fan Zhao (G)	PI C C C C C	Pennsylvania State University National High Magnetic Field Laboratory Pennsylvania State University Pennsylvania State University Pennsylvania State University Pennsylvania State University	Physics DC Field / CMS Physics Department of Physics Department of physics Physics	NSF	DMR - Division of Materials Research DMR1847811	P19621	Interfacial Superconductivity in Bi2Te3/FeTe Heterostructures under High Magnetic Fields	Condensed Matter Physics	2	11
Filip Ronning (S) Ross McDonald (S) Sanu Mishra (P)	PI C C	Los Alamos National Laboratory National High Magnetic Field Laboratory Los Alamos National Laboratory	MPA-CMMS Physics MPA-O	DOE	BES - Basic Energy Sciences E1FR	P19631	Magnetically frustrated 1-electron intermetallics	Condensed Matter Physics	1	5
Xavier Roy (S) Fedor Balakirev (S) Ross McDonald (S) Victoria Pesey (G) Michael Ziebell (P)	PI C C C C	Columbia University National High Magnetic Field Laboratory National High Magnetic Field Laboratory Columbia University Columbia University	Chemistry PFF Physics Chemistry Chemistry and Physics	DOE	BES - Basic Energy Sciences DE-SC0019443	P19632	Magnetic Order and Correlated Electronic Phenomena in Novel 2D van der Waals Materials	Chemistry	1	5
Philip Moll (S) Chunyu Guo (P) Ross McDonald (S)	PI C C	Max Planck Institute for Structure and Dynamics of Matter, Hamburg Max Planck Institute for Structure and Dynamics of Matter, Hamburg National High Magnetic Field Laboratory	Max Planck Institute for Structure and Dynamics of Matter MCM Physics	No other support		P19688	Chiral-magnetotransport in CoSi	Condensed Matter Physics	1	5
Nicholas Butch (S) Peter Czajka (P) Corey Frank (P) Thomas Halloran (G) Sylvia Lewin (P) Gisela Saucedo Salas (G) Laurel Winter (S)	PI C C C C C C	National Institute of Standards and Technology MD National Institute of Standards and Technology MD National Institute of Standards and Technology MD National Institute of Standards and Technology MD University of Maryland, College Park University of Maryland, College Park National High Magnetic Field Laboratory	NIST Center for Neutron Research NCNR NCNR NIST Center for Neutron Research physics Physics Physics	National Institute of Standards and Technology	US Government Lab	P19704	Studies of high-field states of UTe2	Condensed Matter Physics	3	25
Dabdeep Jena (S) Chuan Chana (G) Yu-Hsin Chen (G) Scott Crooker (S) Jimmy Encomendero (P) Ross McDonald (S) Huai Xing (S)	PI C C C C C C	Cornell University Cornell University Cornell University National High Magnetic Field Laboratory Cornell University National High Magnetic Field Laboratory Cornell University	ECE Physics Material Science and Engineering Nat High Magnetic Field Lab Electrical and Computer Engineering Physics ECE	NSF	MRSEC - Materials Research Science and Engineering Centers DMR-1719875	P19838	GaN-based 2D Electron Systems in the Quantum Regime	Condensed Matter Physics	1	10
Michael Pettes (S) Marshall Campbell (G) Luis Jauregui (S) Jinyu Liu (P) Jun Park (P)	PI C C C C	Los Alamos National Laboratory Los Alamos National Laboratory University of California, Irvine University of California, Irvine Los Alamos National Laboratory	Center for Integrated Nanotechnologies Center for Integrated Nanotechnologies Department of Physics and Astronomy Physics MPA-CINT	DOE NSF DOE	Other CAREER - Faculty Early Career Development Program LDRD - Laboratory Directed R&D 20230014DR 2146567 DE-AA00-00AA00000	P19839	Anomalous High Field Transport in Dirac Semimetals	Development of Magnet Technology	3	30
Rubi Km (P) Ariando Ariando (S) Neil Harrison (S) Junioring Hu (P)	PI C C C	Los Alamos National Laboratory National University of Singapore National High Magnetic Field Laboratory National University of Singapore	MPA-MAGLAB Department of Physics / NUSNNI Physics Physics	DOE	BES - Basic Energy Sciences F10100	P19841	High-field magneto-transport on graphene/SrTiO3 devices	Condensed Matter Physics	1	10
Minseong Lee (S) Marcelo Jaime (S) Sangyun Lee (P) Vivian Zapf (S) Shengzhi Zhang (P) Haodong Zhou (S)	PI C C C C C	National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory National High Magnetic Field Laboratory University of Tennessee, Knoxville	MPA-MAG Physics MPA-MAGLAB Physics MPA-MAGLAB; MPA-MAG LAB NHMFL GROUP Physics and Astronomy	DOE DOE DOE DOE	BES - Basic Energy Sciences Other BES - Basic Energy Sciences LDRD - Laboratory Directed R&D DE-AA00-00AA00000	P19848	Kitaev spin liquid phase in a 3d transition metal oxides	Development of Magnet Technology	8	56

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used		
Magdalena Owczarek (P)	PI	Los Alamos National Laboratory	CINT	DOE	EPSC - Energy Frontier Research Centers DE-SC0019330	P19934	Spin-electric coupling in molecular magnets	Biology, Biochemistry, Biophysics	4	25	
Shubham Bisht (G)	C	Florida State University	Chemistry and Biochemistry	DOE	Office of Science DE-SC0019330						
Hai Ping Cheng (S)	C	University of Florida	Physics								
Miguel Gakiya (G)	C	Florida State University	Chemistry and Biochemistry								
Marcelo Jaime (S)	C	National High Magnetic Field Laboratory	Physics								
Minsseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Shuanglong Liu (S)	C	University of Florida	Department of Physics								
Ditya Mondal (P)	C	Florida State University	Chemistry and Biochemistry								
Michael Shtruk (S)	C	National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry								
James Wampler (P)	C	National High Magnetic Field Laboratory	MPA-MAGLAB								
Ping Wang (P)	C	University of Florida	physics								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Kimberly Modic (S)	PI	Institute of Science and Technology Austria	Physics	No other support		P19945	Thermodynamic measurements of topological superconductors	Condensed Matter Physics	1	10	
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								
John Bulmer (S)	PI	Air Force Research Laboratory	Air Force	DOD	US Air Force	RO18COR100	P19956	High Magnetic Field Transport in Advanced Carbon Conductors	Condensed Matter Physics	1	5
Tim Haugan (S)	C	Air Force Research Laboratory	Air Force								
Agnieszka Lekawa-Raus (P)	C	University of Cambridge	Department of Material Science								
Jamie Manson (S)	PI	Eastern Washington University	Chemistry and Biochemistry	NSF	DMR - Division of Materials Research	DMR2104167	P20007	Magnetic phase diagram of a spin-1/2 chiral chain	Condensed Matter Physics	2	15
Avery Blockmon (G)	C	University of Tennessee, Knoxville	Chemistry	EPSC	Non US Council						
Paul Goddard (S)	C	University of Warwick	Department of Physics								
Janice Musfeldt (S)	C	University of Tennessee, Knoxville	Department of Chemistry								
Shroya Vaidya (G)	C	University of Warwick	Department of 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 Co1/3Ta2S2	Condensed Matter Physics	3	15
Sang Wook Cheong (S)	C	Rutgers University	Physics and Astronomy								
Yansong Gao (G)	C	New Jersey Institute of Technology	Physics								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Shengzhi Zhang (P)	C	National High Magnetic Field Laboratory	MPA-MAGLAB; MPA-MAG LAB NHMFL GROUP								
Ariando Ariando (S)	PI	National University of Singapore	Department of Physics/ NUSNNI	DOE	BES - Basic Energy Sciences	F0101	P20051	Investigation of correlated states in the double-aligned graphene superimposed lattice	Condensed Matter Physics	2	15
Mun Chan (S)	C	National High Magnetic Field Laboratory	Pulsed field Facility	DOE	BES - Basic Energy Sciences	F10100					
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Rubi Kim (P)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Arkady Shehter (S)	PI	National High Magnetic Field Laboratory	LANL MPA-MAGLAB	DOE	BES - Basic Energy Sciences	100T science	P20063	high-field magneto-transport in the strange metal state of curates across critical doping	Condensed Matter Physics	1	5
Mun Chan (S)	C	National High Magnetic Field Laboratory	Pulsed field Facility	NSF	DMR - Division of Materials Research	DMR1644779					
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Kimberly Modic (S)	C	Institute of Science and Technology Austria	Physics								
Brad Ramshaw (S)	C	Cornell University	Laboratory of Atomic and Solid State Physics								
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	1	10
Kirk Adams (G)	C	University of Oxford	Materials								
Chris Grovener (S)	C	University of Oxford	Materials								
William Iliffe (P)	C	CCFE STEP	Confinement Systems								
Boris Malcov (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB								
Arkady Shehter (S)	PI	National High Magnetic Field Laboratory	LANL MPA-MAGLAB	NSF	DMR - Division of Materials Research	DMR1644779	P20143	Thermodynamics of correlated metals and superconductors from thermal impedance spectroscopy in pulsed magnetic fields.	Condensed Matter Physics	1	5
Aimeery Banaura (S)	C	National High Magnetic Field Laboratory	CMS								
Priscila Ferran Silveira Rosa (P)	C	Los Alamos National Laboratory	MPA-CMMS								
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Akash Khattari (S)	C	Stockholm University	Department of Physics								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Kimberly Modic (S)	C	Institute of Science and Technology Austria	Physics								
Amit Nathwani (U)	C	Institute of Science and Technology Austria	Physics								
Brad Ramshaw (S)	C	Cornell University	Laboratory of Atomic and Solid State Physics								
Andreas Rydh (S)	C	Stockholm University	Department of Physics								
Sheng Ran (S)	PI	Washington University in St. Louis	Physics	Washington University in St. Louis	US College and University		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								
Martin Nikolic (S)	C	Saint Louis University	Physics								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Sangyun Lee (P)	PI	National High Magnetic Field Laboratory	MPA-MAGLAB	DOE	BES - Basic Energy Sciences		P20151	High field studies of a new Shastry-Sutherland lattice compound.	Condensed Matter Physics	1	5
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								
Minsseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Swee Goh (S)	PI	Chinese University of Hong Kong	Department of Physics	Research Grants Council Hong Kong	Other		P20152	Tuning thin quantum materials using biaxial strain	Condensed Matter Physics	1	5
Fedor Balakirev (S)	C	National High Magnetic Field Laboratory	PPF								
Keung To Lai (S)	C	Chinese University of Hong Kong	Physics								
Lingfei Wang (G)	C	Chinese University of Hong Kong	Physics								
Wenyan Wang (G)	C	Chinese University of Hong Kong	Physics								
Wei Zhang (P)	C	Chinese University of Hong Kong	Physics								
Sang Wook Cheong (S)	PI	Rutgers University	Physics and Astronomy	DOE	BES - Basic Energy Sciences		P20158	High field studies of magnetolectricity of a zigzag 1D antiferromagnetic chain.	Condensed Matter Physics	1	5
Sang-Hwan Do (P)	C	University of Tennessee, Knoxville	Department of Materials Science and Engineering								
Minsseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Choongjae Won (P)	C	Pohang University of Science and Technology	Physics								
Collin Broholm (S)	PI	Johns Hopkins University	Physics and Astronomy	DOD	Other	DESC0019331	P20167	Spin Dynamic in S=1/2 Co(II) triangular lattice	Condensed Matter Physics	1	9
Tong Chen (P)	C	Johns Hopkins University	Physics and Astronomy								
Alineza Ghassemi (G)	C	Johns Hopkins University	Physics and Astronomy								
Brian Maple (S)	PI	University of California, San Diego	Inst for Pure & Applied Physical Sciences	DOE	NNSA - National Nuclear Security Administration	DE-NA0004086	P20169	Measurements of UTe2 and substitutions at high magnetic fields	Condensed Matter Physics	2	10
Ryan Baumbach (S)	C	National High Magnetic Field Laboratory	CMS	NSF	DMR - Division of Materials Research	DMR1810310					
Yuhang Deng (P)	C	University of California, San Diego	Physics								
Camilla Mor (P)	C	University of California, San Diego	Physics								
John Singleton (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	P20170	Search for novel superconductivity and magnetism in high pressure phase of UTe2 at high magnetic field	Condensed Matter Physics	2	20
Fedor Balakirev (S)	C	National High Magnetic Field Laboratory	PPF	DOE	BES - Basic Energy Sciences	DE-F002-04ER46105					
Yuhang Deng (P)	C	University of California, San Diego	Physics	NSF	DMR - Division of Materials Research	DMR1810310					
Camilla Mor (P)	C	University of California, San Diego	Physics								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used		
Rongying Jin (S)	PI	University of South Carolina	Department of Physics and Astronomy									
Joanna Blawac (P)	C	National High Magnetic Field Laboratory	NHMFL			P20246	Quantum-limit behavior in a topological superconductor candidate	Condensed Matter Physics	1	12		
Daniel Duong (G)	C	University of South Carolina	Department of physics and astronomy									
Jamie Manson (S)	PI	Eastern Washington University	Chemistry and Biochemistry	NSF	DMR - Division of Materials Research	DMR2104167	P20250	Magnetism and transport in molecule-based materials	Condensed Matter Physics	1	10	
Paul Goddard (S)	C	University of Warwick	Department of Physics									
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics									
Sunil Karna (S)	PI	Prairie View A&M University	Physics Department		Prairie View A&M University	US College and University	P20264	Investigation of angular dependence of d+hV oscillations of chiral topological semimetal PdGa	Condensed Matter Physics	1	5	
Lauren Allen (G)	C	Prairie View A&M University	Physics									
Orrin Clarke Delgado (G)	C	Norfolk State University	Physics Department									
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics									
Kevin Storr (S)	C	Prairie View A&M University	Physics									
Dovile Tempale (S)	C	Norfolk State University	Physics Department									
Mikhail Eismets (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	1	16	
Fedor Balakirev (S)	C	National High Magnetic Field Laboratory	PF									
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									
Charles Acosta (S)	PI	Clark University	Department of Physics									
Akiko Kobayashi (S)	C	University of Tokyo	Research Centre for Spectrochemistry				P20274	The TDO in pulsed fields, a study of γ -(BETS) $_2$ GaCl $_4$	Condensed Matter Physics	1	10	
Brett Laramie (G)	C	Clark University	Physics									
Laurel Winter (S)	C	National High Magnetic Field Laboratory	Physics									
Laurel Winter (S)	PI	National High Magnetic Field Laboratory	Physics				P20290	Testing of probes and instrumentation in pulsed fields	Condensed Matter Physics	2	20	
Joanna Blawac (P)	C	National High Magnetic Field Laboratory	NHMFL		LDRD - Laboratory Directed R&D	DE-XX00-00XX00000						
Greta Chappell (P)	C	Los Alamos National Laboratory	MPA-MAGLAB									
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics									
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									
Janice Musfeldt (S)	PI	University of Tennessee, Knoxville	Department of Chemistry	VSP		12345	P20344	High field spectroscopy of materials with broken symmetries and strong spin-orbit coupling	Chemistry	1	5	
Avery Blockmon (G)	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	4	24	
Joanna Blawac (P)	C	National High Magnetic Field Laboratory	NHMFL									
Paul Canfield (S)	C	Ames Laboratory	Physics & Astronomy									
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									
Dmitri Yakovlev (S)	PI	University of Dortmund	Dept. of Physics		Deutsche Forschungsgemeinschaft through the Collaborative Research Center TRR142	Non US Foundation	P20376	Energy and spin structure of dark and bright excitons in two-dimensional perovskite semiconductors	Condensed Matter Physics	1	5	
Scott Crocker (S)	C	National High Magnetic Field Laboratory	Nat High Magnetic Field Lab									
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	PF									
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG									
Boris Malozov (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB									
Sujit Das (S)	PI	Indian Institute of Science, Bengaluru	Materials Research Centre	DOE	BES - Basic Energy Sciences	F10100	P20391	Investigating emergent phenomena in SrRuO $_3$ /SrTiO $_3$ /SrRuO $_3$ heterostructures with non-collinear spin texture	Condensed Matter Physics	1	5	
Jayjit Dey (P)	C	Indian Institute of Science Materials Research Centre, Bengaluru	Materials Research Centre									
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics									
Rubi Kim (P)	C	Los Alamos National Laboratory	MPA-MAGLAB									
Doan Nguyen (S)	PI	National High Magnetic Field Laboratory	Pulsed Field Facility	DOE	Other	WC3N 23TPHMAG	P20392	Determining Jc(B) of HTS Tapes via Magnetization Measurements in 60T Mid-pulsed Magnet	Material Science	1	4	
Shengzhi Zhang (P)	C	National High Magnetic Field Laboratory	MPA-MAGLAB; MPA-MAG LAB NHMFL GROUP									
Christopher Mizzi (S)	PI	National High Magnetic Field Laboratory	MPA-MAGLAB; MPA-MAG LAB NHMFL GROUP				P20401	Symmetry-Sensitive Detection of a Novel Magnetic Phase	Condensed Matter Physics	1	5	
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG									
Boris Malozov (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		P20412	High Magnetic field Investigations of the Eu122 candidate Axionic Insulators	Biology, Biochemistry, Biophysics	1	5	
Yuanqi Lyu (G)	C	University of California, Berkeley	Physics									
Luke Pritchard Cairns (P)	C	University of California, Berkeley	Physics									
Kohitaro Yamakawa (G)	C	University of California, Berkeley	Physics									
Johanna Palmstrom (P)	PI	National High Magnetic Field Laboratory	MPA-MAG	DOE	BES - Basic Energy Sciences	LANLF01	P20419	In-situ strain measurements of quantum materials in extreme magnetic fields	Condensed Matter Physics	1	10	
Aiping Chen (P)	C	Los Alamos National Laboratory	Center for Integrated Nanotechnologies (MPA-CINT)	DOE	BES - Basic Energy Sciences	DE-AC02-06CH11357						
Jun-Haw Chu (S)	C	University of Washington	Physics	DOE	LDRD - Laboratory Directed R&D	DE-AA00-00AA00000						
Caue Kaufmann Ribeiro (G)	C	Los Alamos National Laboratory	MAGLAB									
Sean Thomas (S)	C	Los Alamos National Laboratory	MPA-Q									
Total Proposals:								47	Experiments:	83	Days:	565