

## 2025 MagLab User Proposals

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Daniel R. Talham (S)	PI	University of Florida	Chemistry	NSF	DMR - Division of Materials Research	DMR2409400	Self-Assembled Polymer Nanostructures as paraCEST MRI Contrast Agents	Chemistry	1	7.33
Diba Allameh Zadeh (G)	C	University of Florida	Chemistry	University of Florida	US College and University	UFRF Research Support 00085603				
Camille Green (U)	C	University of Florida	Chemistry							
Brent Sumerlin (S)	C	University of Florida	Chemistry							
Lee Sweeney (S)	PI	University of Florida	Pharmacology & Therapeutics	NIH	NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases	AR052646	Interrogating the role of perturbed bioenergetics in the dystrophin-deficient heart	Biology, Biochemistry, Biophysics	1	1.33
Abhinandan Batra (S)	C	University of Florida	Physical therapy	NIH	NICHHD - Eunice Kennedy Shriver National Institute of Child Health and Human Development	HD119693				
Julian Febo (G)	C	University of Florida	Pharmacology & Therapeutics							
Sean Forbes (S)	C	University of Florida	Departments of Physical Therapy and Physiology							
David Hammers (S)	C	University of Florida	Pharmacology & Therapeutics							
Cora Hart (G)	C	University of Florida	Pharmacology and Therapeutics							
Jeff Herr (T)	C	University of Florida	Pharmacology & Therapeutics							
Mark Mattingly (S)	C	Bruker Biospin	Biospin							
Jenny Russ (T)	C	University of Florida	Pharmacology and therapeutics							
Glenn Walter (S)	C	University of Florida	Physiology and Aging							
Robert Wiseman (S)	C	Michigan State University	Physiology							
Eli Zepa (T)	C	University of Florida	Pharmacology and Therapeutics							
Melisa Samlincrononi (S)	PI	University of Florida	unknown	NIH	NCI - National Cancer Institute	CA012185	Multi-modal approach to probe tumor-induced perivascular space disruption	Biology, Biochemistry, Biophysics	1	3.5
Thomas Mareci (S)	C	University of Florida	Biochemistry and Molecular Biology							
Jennifer Munson (S)	C	Virginia Polytechnic Institute and State University	Biomedical Engineering and Mechanics							
Isabel Rivera Santiago (G)	C	University of Florida	Mechanical Engineering							
Ryan Lively (S)	PI	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2135662	Quantifying Microscopic Liquid Diffusion inside Carbon Molecular Sieve Membranes	Engineering	1	13.33
Rebecca Bivins (G)	C	Georgia Institute of Technology	Chemical and Biomolecular Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2135766				
Sree Lazmi (G)	C	University of Florida	Chemical Engineering Department							
Joshua Moon (S)	C	University of Florida	Department of Chemical Engineering							
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering							
Young Hee Yoon (G)	C	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering							
Jeanine Brady (S)	PI	University of Florida	Oral Biology	NIH	NIDCR - National Institute of Dental and Craniofacial Research	DE021789	ML-BRADY-003: AMRIS components of NMR Facility's P20106	Biology, Biochemistry, Biophysics	2	31.67
Joanna Long (S)	C	University of Florida	Biochemistry & Molecular Biology	NIH	NIDCR - National Institute of Dental and Craniofacial Research	DE008007				
Thiago Machado Pasin (P)	C	University of Florida	Oral Biology - College of Dentistry							
M Luiza Nogueira (S)	C	University of Florida	AMRIS							
Chase Norton (T)	C	University of Florida	UF Biochemistry							
Qingqing (Emily) Peng (G)	C	University of Florida	Department of Biochemistry and Molecular Biology							
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	No other support			MAINTENANCE: Routine maintenance of existing AMRIS Facility equipment (formerly P09510, P17541, P19543)	Development of Magnet Technology	1	326
James Collins (O)	C	University of Florida	Biochemistry & Molecular Biology							
Greg Dowling (S)	C	University of Florida	AMRIS							
Kelly Jenkins (T)	C	University of Florida	AMRIS							
Anil Mehta (S)	C	University of Florida	AMRIS							
James Rocca (S)	C	University of Florida	AMRIS							
Joshua Slade (T)	C	University of Florida	AMRIS							
Huadong Zeng (S)	C	University of Florida	AMRIS							
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	No other support			MLDEV-Setup: training new users, workshops, updating cortab, prosol tables, or shim files (formerly P17542 and P19554)	Development of Magnet Technology	1	172.75
James Collins (O)	C	University of Florida	Biochemistry & Molecular Biology							
Greg Dowling (S)	C	University of Florida	AMRIS							
Anil Mehta (S)	C	University of Florida	AMRIS							
James Rocca (S)	C	University of Florida	AMRIS							
Huadong Zeng (S)	C	University of Florida	AMRIS							
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	No other support			MLDEV-Method: setting up new protocols or pulse sequences; preliminary characterization of samples for feasibility	Development of Magnet Technology	1	14.5
James Collins (O)	C	University of Florida	Biochemistry & Molecular Biology							
Greg Dowling (S)	C	University of Florida	AMRIS							
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							
Huadong Zeng (S)	C	University of Florida	AMRIS							
Joanna Long (S)	PI	University of Florida	Biochemistry & Molecular Biology	No other support			MLDEV-Repair: work on magnets, replacing broken amplifiers, troubleshooting consoles, tracking down the source of a problem	Development of Magnet Technology	1	29.5
James Collins (O)	C	University of Florida	Biochemistry & Molecular Biology							
Greg Dowling (S)	C	University of Florida	AMRIS							
Kelly Jenkins (T)	C	University of Florida	AMRIS							
Anil Mehta (S)	C	University of Florida	AMRIS							
James Rocca (S)	C	University of Florida	AMRIS							
Joshua Slade (T)	C	University of Florida	AMRIS							
Huadong Zeng (S)	C	University of Florida	AMRIS							



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Bill Baker (S)	PI	University of South Florida	Chemistry	NSF	OPP - Office of Polar Programs	OPP2142914	Natural Product Drug Discovery from Museum Specimens and Palmeroleide Biosynthesis	Chemistry	1	15.75		
Sam Aloulous (P)	C	University of South Florida	USF Chemistry	NIH	NCCIH - National Center for Complementary and Integrative Health	AT012954						
Ezequiel Cruz Rosa (G)	C	University of South Florida	Chemistry									
Stine Softe Olsen (G)	C	University of South Florida	USF Chemistry									
Sylvester Osei Bobbie (G)	C	University of South Florida	Chemistry									
Nathaniel Schmidt (G)	C	University of South Florida	Chemistry									
Benjamin Smith (G)	C	University of South Florida	Chemistry									
Jennifer Williams (G)	C	University of South Florida	USF Chemistry									
Benjamin Wylie (S)	PI	Texas Tech University	Chemistry and Biochemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM124979	P20789	Determining the dynamic structure of the human Kir2.1 channel in the presence of activating and inhibiting lipids	Biology, Biochemistry, Biophysics	1	109	
Sara Bannister (G)	C	Indiana University	Chemistry									
Joanna Long (S)	C	University of Florida	Biochemistry & Molecular Biology									
M Luiza Nogueira (S)	C	University of Florida	AMRIS									
Oziomachi Onogu (G)	C	Texas Tech University	Chemistry & Biochemistry									
Ryan Lively (S)	PI	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2135662	P20791	Quantifying Diffusion of Liquid Sorbates Inside Mixed-Matrix Membranes Based on Carbon Molecular Sieves	Engineering	1	32.83	
Rebecca Bivins (G)	C	Georgia Institute of Technology	Chemical and Biomolecular Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2135766						
Sree Laxmi (G)	C	University of Florida	Chemical Engineering Department									
Joshua Moon (S)	C	University of Florida	Department of Chemical Engineering									
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering									
Young Hee Yoon (G)	C	Georgia Institute of Technology	School of Chemical & Biomolecular Engineering									
Emily Mevers (S)	PI	Virginia Polytechnic Institute and State University	Department of Chemistry	No other support			P20804	Ecology driven natural product discovery	Biology, Biochemistry, Biophysics	1	4.33	
Jeanine Brady (S)	PI	University of Florida	Oral Biology	UCGP		ML- Pasin-001	P20908	Structural insights into KH domain RNA-binding proteins and Ribonuclease P from Streptococcus mutans	Biology, Biochemistry, Biophysics	1	4	
Joanna Long (S)	C	University of Florida	Biochemistry & Molecular Biology									
Thiago Machado Pasin (P)	C	University of Florida	Oral Biology - College of Dentistry									
M Luiza Nogueira (S)	C	University of Florida	AMRIS									
Scott Prosser (S)	PI	University of Toronto (Toronto)	Chemistry and Biochemistry	No other support			P20923	In vivo Detection and Quantification of Polyglutated Protein using diffusion-filtered MRI and MRS	Biology, Biochemistry, Biophysics	1	3	
Advaït Hasabnis (G)	C	University of Toronto (Toronto)	Biochemistry/Chemistry									
Joanna Long (S)	C	University of Florida	Biochemistry & Molecular Biology									
Huadong Zeng (S)	C	University of Florida	AMRIS									
William R. Kam (S)	PI	University of Florida	Pharmacology/ Therapeutics	No other support			P20924	Determining the pH of the biophase within the venomous nemertean in which anabesin is stored before it is secreted during prey envenomation	Biology, Biochemistry, Biophysics	1	5.5	
M Luiza Nogueira (S)	C	University of Florida	AMRIS									
Jianfeng Cai (S)	PI	University of South Florida	Department of Chemistry	NIH	NIA - National Institute on Aging	AG056569	P20943	Characterization of $\beta$ -hairpin conformations in macrocyclic peptides containing sulfanyl-7-AAAs as turn inducers	Chemistry	1	1.5	
Ying Li (O)	C	University of Florida	McKnight Brain Institute									
Heng Liu (P)	C	University of South Florida	Chemistry									
Sandra Loesgen (S)	PI	University of Florida	Chemistry	NSF	IOS - Integrative Organismal Systems	IOS2124120	P20945	Structural characterization of dynamic microbial natural products	Chemistry	1	7.5	
Grace Dyer (G)	C	University of Florida	Whitney Laboratory for Marine Bioscience	NSF	IOS - Integrative Organismal Systems	IOS2314456						
Sajan Green (G)	C	University of Florida	Whitney Laboratory for Marine Bioscience									
Joseph Mangun (G)	C	University of Florida	Whitney Laboratory for Marine Bioscience									
Erin Marshall (G)	C	University of Florida	Whitney Lab									
Bastien Pettit (P)	C	University of Florida	Whitney Lab									
Matthew Eddy (S)	PI	University of Florida	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM138291	P20949	NMR characterization of an enzymatic subunit from Shiga toxin and evaluation of potential small molecule inhibitors	Biology, Biochemistry, Biophysics	1	7	
Nessa Pesaran Alsharian (G)	C	University of Florida	Chemistry	NSF	DMR - Division of Materials Research	DMR2339330						
Adrian Roltberg (S)	C	University of Florida	Chemistry									
Roxana Toriano (S)	C	University of Buenos Aires	Laboratorio de Biomembranas									
Xingui Liu (S)	PI	University of Florida	Medicinal Chemistry	No other support			P20952	Incorporation of NMR technique to targeted protein degradation platform	Biology, Biochemistry, Biophysics	1	6.83	
Linfei Li (S)	PI	Florida International University	Civil & Environmental Engineering	No other support			P21009	Elucidating the Role of Cellulose Nanofibrils in Internal Curing of Cement Using 1H NMR and MRI Techniques	Engineering	1	7.33	
Priyan Roy Tamil Eniyam (G)	C	Florida International University	Civil and Environmental Engineering									
Adam Veige (S)	PI	University of Florida	Chemistry	No other support			P21016	End Group Analysis, Olefin Coupling, and Backbone Structure Characterization in Cyclic Polymers and Their Linear Analogues by Carbon-13 MAS NMR Spectroscopy	Chemistry	1	20.5	
Benjamin Atterberry (P)	C	University of Florida	Chemistry									
Clifford (Russ) Bowers (S)	C	University of Florida	Chemistry									
Bingren Hu (S)	PI	University of California, San Diego	Neurosciences and Emergency Medicine	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS130557	P21093	MRI Imaging of White Matter Injury and Remodeling After Ischemic Stroke in Mice	Biology, Biochemistry, Biophysics	1	1	
James Collins (O)	C	University of Florida	Biochemistry & Molecular Biology									
Dayalan Sampath (P)	C	University of California, San Diego	Emergency Medical Services									
Huadong Zeng (S)	C	University of Florida	AMRIS									
<b>Total Proposals:</b>								<b>33</b>	<b>Experiments:</b>	<b>34</b>	<b>Days:</b>	<b>1,074</b>

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Marcelo Febo (S)	PI	University of Florida	Psychiatry	NIH	NIA - National Institute on Aging	AG070913	P16151	Febo Projects	Biology, Biochemistry, Biophysics	1	2
				NIH	NIA - National Institute on Aging	AG049722					
				NIH	NHLBI - National Heart and Blood Institute	HL152101					
				NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS125089					
Matthew Eddy (S)	PI	University of Florida	Chemistry	NIH	NIH - National Institute of General Medical Sciences	GM138291	P19523	EDDY-001: [Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	67
Antara Banerjee (G)	C	University of Florida	Chemistry	NSF	DMR - Division of Materials Research	DMR2339330					
James Collins (O)	C	University of Florida	Biochemistry & Molecular Biology								
Shreyashi Das (G)	C	University of Florida	Chemistry								
Niloofar Gopal Pour (G)	C	University of Florida	Chemistry								
Michael Harris (S)	C	University of Florida	Chemistry								
Beining (Kim) Jin (G)	C	University of Florida	Chemistry								
Nessa Pesaran Afsharian (G)	C	University of Florida	Chemistry								
Arka Prabha Rav (G)	C	University of Florida	Chemistry	C	University of Florida						
Cate Richardson (U)	C	University of Florida	Chemistry Department								
Gabriella Sprague (U)	C	University of Florida	Chemistry								
Bahareh Tavassoli (G)	C	University of Florida	Chemistry								
Anuradha Wijesekara (G)	C	University of Florida	Chemistry								
Keen Zhang (U)	C	University of Florida	Chemistry								
Marcelo Febo (S)	PI	University of Florida	Psychiatry	NIH	NHLBI - National Heart and Blood Institute	HL152101	P19524	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	3
Jose Abisambra (S)	C	University of Florida	Neuroscience	NIH	NIA - National Institute on Aging	AG070913	P19524				
Jen Bizon (S)	C	University of Florida	Neuro	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS125089					
Joy Buraima (U)	C	University of Florida	Neuroscience	NIH	NIDA - National Institute on Drug Abuse	DA049470	P19524				
Sara Burke (S)	C	University of Florida	Neuroscience	NIH	NIA - National Institute on Aging	AG049722					
Matthew Burns (S)	C	University of Florida	Neurology								
Eduardo Candelario-Jall (S)	C	University of Florida	Neuroscience								
Paramita Chakrabarty (S)	C	University of Florida	Biology								
Matthew Farmer (S)	C	University of Florida	Neurology								
Matteo Grudry (G)	C	University of Florida	Psychiatry - ADRC								
Catherine Kaczorowski (S)	C	Jackson Laboratory	Neuroscience								
Wen Li (T)	C	University of Florida	UF Department of Neuroscience								
Michael Pizzi (S)	C	University of Florida	Neurology								
Leah Reznikov (S)	C	University of Florida	Physiological Sciences								
Aleyna Ross (G)	C	University of Florida	Neuroscience								
Barry Setlow (S)	C	University of Florida	Psychiatry								
Zachary Simon (G)	C	University of Florida	Neuroscience								
Kevin (Ka) Wang (S)	C	University of Florida	Emergency Medicine								
Madeline Zelinka (U)	C	University of Florida	Neuroscience								
Lakisha Williams (S)	PI	University of Florida	Biomedical Engineering	UF Research	US College and University	AWD08483	P19527	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	8
Elio Aizmore (U)	C	University of Florida	Department of Biomedical Engineering	Alzheimer's Association	US Foundation	AARGD-NTF-22-919409	P19527				
Abigail Aplin (G)	C	University of Florida	Biomedical Engineering								
Ta-Tyonna Buck (G)	C	University of Florida	Biomedical Engineering								
Jai Raccioppi (G)	C	University of Florida	Engineering								
Andre Obenaus (S)	PI	University of California, Riverside	Biomedical Sciences	NIH	NIA - National Institute on Aging	AG054349	P19645	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	89.5
James Collins (O)	C	University of Florida	Biochemistry & Molecular Biology	NIH	NIA - National Institute on Aging	AG054345	P19645				
Amandine Jullienne (P)	C	University of California, Irvine	Pediatrics, Anatomy & Neurobiology	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS119605					
Brenda Patricia Noarbe (T)	C	University of California, Irvine	Pediatrics				P19735	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	2	24
JiaMin Yan (T)	C	University of California, Riverside	Biomedical Sciences								
Chalermchai Khemtong (S)	PI	University of Florida	Medicine	University of Florida	US College and University	Seed Fund	P19735	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	2	24
David Alvarez (U)	C	University of Florida	Department of Medicine	Alzheimer's Association	US Foundation	AARGD-NTF-24-1307571	P19735				
Chelsea Brook (U)	C	University of Florida	Division of Endocrinology, Diabetes, & Metabolism	Florida Department of Health	Other	AGR DTD 07-28-2015					
Phillippe Fernandes (U)	C	University of Florida	undergrad	University of Florida	Other	Seed Fund					
Nesmine Maptue (T)	C	University of Florida	Medicine				P19735				
William McDonald (U)	C	University of Florida	Division of Endocrinology, Diabetes, & Metabolism								
Shrina Patel (U)	C	University of Florida	Endocrinology								
Qinyang Shen (G)	C	University of Florida	Medicine				P19735				
Nguyen Thanh Tri (U)	C	University of Florida	Division of Endocrinology, Diabetes, & Metabolism								
Ngan Vu (U)	C	University of Florida	Division of Endocrinology, Diabetes, & Metabolism								
Rebecca Butcher (S)	PI	University of Florida	Chemistry	NSF	CHE - Chemistry	CHE2108278	P19761	BUTCHER-001: [Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	7
Yuelan Li (P)	C	University of Florida	Department of Chemistry	NIH	NIH - National Institute of General Medical Sciences	GM144076	P19761				
Surasree Rakshit (G)	C	Advanced Magnet Lab, Inc.	Chemistry								
Jose Abisambra (S)	PI	University of Florida	Neuroscience	NIH	NIA - National Institute on Aging	AG074584	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	21.5
Davin Barroso (O)	C	University of Florida	Neuroscience	NIH	NIA - National Institute on Aging	AG075900	P20059				
Diana Cuesta Torres (P)	C	University of Florida	Neuroscience								
Camelia Forrohar (U)	C	University of Florida	Neuroscience								
John Koren (S)	C	University of Florida	Center for Translational Research in Neurodegenerative Disease								
Michael Pizzi (S)	C	University of Florida	Neurology								
Sakthivel Rav (S)	C	University of Florida	Neuroscience				P20059				
Diego Rubio (O)	C	University of Florida	Center for Translational Research in Neurodegenerative Disease								

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Sergey Vasenkov (S)	PI University of Florida	Chemical Engineering	Honeywell Inc	#S0581942	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	2	43.67
Jason Bara (S)	C University of Alabama, Tuscaloosa	Department of Chemical and Biological Engineering	Exxon Mobil	LAW-2023-0950 (EM11709_TO7) CBET2312001				
Rebecca Bhvins (G)	C Georgia Institute of Technology	Chemical and Biomolecular Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	8
Omar Boloki (G)	C University of Florida	Chemical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems				
Abbas Kothawala (U)	C University of Florida	Chemical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	7
Sree Laxmi (G)	C University of Florida	Chemical Engineering Department	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems				
Ryan Lively (S)	C Georgia Institute of Technology	School of Chemical & Biomolecular Engineering,	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	84
Joshua Moon (S)	C University of Florida	Department of Chemical Engineering		CBET2427603				
Zachary Smith (S)	C Massachusetts Institute of Technology	Chemical Engineering		CBET2135766				
Jared Basden (P)	PI Scripps Research Institute, Florida	Chemistry	Expansion Therapeutics, Jupiter, FL	Other	Peter Connolly	CONNOLLY-001: [Independently-funded Research Proposal]	1	10
Joseph Marcinko (S)	PI Polymer Synergies, LLC	President	Polymer Synergies LLC			[Independently-funded Research Proposal]	1	8
Matthew Farrer (S)	PI University of Florida	Neurology	MSA Coalition	US Foundation	CoreG-2021-07-002	[Independently-funded Research Proposal]	1	7
Marcelo Febo (S)	C University of Florida	Psychiatry						
Matteo Grudny (G)	C University of Florida	Psychiatry - ADRC						
Melissa Maczis (P)	C University of Florida	Neurology						
Matthew Merritt (S)	PI University of Florida	Biochemistry and Molecular Biology	NIH	NIBIB - National Institute for Biomedical Imaging and Bioengineering	EB032376	[Independently-funded Research Proposal]	1	84
Guna Teja Athota (G)	C University of Florida	Department of Biochemistry and Molecular Biology	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK132254			
Arshee Badar (T)	C University of Florida	Biochemistry and Molecular Biology						
Alan Carter (G)	C University of Florida	Biochemistry & Molecular Biology						
Mario Chand Reyes (G)	C University of Florida	Biochemistry & Molecular Biology						
Max Glanz (G)	C University of Florida	Biochemistry and Molecular Biology						
Manoj Madheswaran (P)	C University of Florida	Biochemistry and Molecular Biology						
Vinay Makut (G)	C University of Florida	Department of Molecular Biology and Biochemistry						
Sameer Naik (U)	C University of Florida	Biochemistry and Molecular Biology						
Geraldine Pierre (U)	C University of Florida	Biochemistry and Molecular Biology						
Anna Rushin (G)	C University of Florida	Biochemistry and Molecular Biology						
Krish Saluja (U)	C University of Florida	Biochemistry						
Gaurav Sharma (P)	C University of Florida	BMB						
Hannah Skwarek (U)	C University of Florida	Biochemistry & Molecular Biology						
Kaushal Vedula (U)	C University of Florida	Biochemistry & Molecular Biology						
Joanna Long (S)	PI University of Florida	Biochemistry & Molecular Biology	NIH	NIGMS - National Institute of General Medical Sciences	GM148766	[Independently-funded Research Proposal]	1	111
James Collins (O)	C University of Florida	Biochemistry & Molecular Biology	NIH	NIDCR - National Institute of Dental and Craniofacial Research	DE021789			
Ying Li (O)	C University of Florida	McKnight Brain Institute	NSF	DMR - Division of Materials Research	DMR2128556			
M Luiza Noqueira (S)	C University of Florida	AMRIS						
Qingqing (Emily) Peng (G)	C University of Florida	Department of Biochemistry and Molecular Biology						
Cathrine Ptukwa (P)	C University of Florida	Biochemistry and Molecular Biology						
Neel Shah (U)	C University of Florida	Biochemistry & Molecular Biology						
Ryan Smith (U)	C University of Florida	Biochemistry & Molecular Biology						
Diana Tymochko (U)	C University of Florida	Biochemistry & Molecular Biology						
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]	1	8.5
Rabeya Zinat Adury (G)	C University of Florida	Applied physiology and kinesiology	NIH	NIA - National Institute on Aging	AG066506			
Sanjana Ande (U)	C University of Florida	UF Health and Human Performance	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS082168			
David Arpin (P)	C University of Florida	Applied Physiology and Kinesiology	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS119562			
Robin Chen (G)	C University of Florida	UF Health and Human Performance						
Evanaleos Christou (S)	C University of Florida	Applied Physiology and Kinesiology						
Savannah Duff (U)	C University of Florida	UF Health and Human Performance						
Freydell Espinoza (G)	C University of Florida	Applied Physiology & Kinesiology						
Marcelo Febo (S)	C University of Florida	Psychiatry						
Hannah Hardegree (S)	C University of Florida	Applied Physiology and Kinesiology						
John Hayworth (U)	C University of Florida	APK						
Owen Ketter (U)	C University of Florida	UF Health and Human Performance						
Valeria Kovtun (U)	C University of Florida	Applied Physiology & Kinesiology						
Kamalika Kummathi (U)	C University of Florida	UF Health and Human Performance						
Joonhoo Lee (G)	C University of Florida	Applied Physiology & Kinesiology						
Allison Leimkuhler (U)	C University of Florida	APK						
Jason Ledn (U)	C University of Florida	UF Health and Human Performance						
Hong Li (S)	C Florida State University	Chemistry						
Yurqing Li (S)	C University of Florida	Neurology						
Max Lin (U)	C University of Florida	UF Health and Human Performance						
Nikolaus McFarland (S)	C University of Florida	Department of Neurology						
Kelsey Noo (U)	C University of Florida	UF Health and Human Performance						
Michael Okun (S)	C University of Florida	Neurology						
Regan Roth (U)	C University of Florida	Department of Applied Physiology & Kinesiology						
Dimitri Selimos (U)	C University of Florida	Applied Physiology and Kinesiology						
Nirvana Soundara (U)	C University of Florida	Applied Physiology & Kinesiology						
Emily Tobin (G)	C University of Florida	Applied Physiology and Kinesiology						
Allison Traiser (U)	C University of Florida	UF Health and Human Performance						
Bradley Wilkes (S)	C University of Florida	Applied Physiology and Kinesiology						
Francisco Zhou (T)	C University of Florida	Applied Physiology & Kinesiology						

## 2025 MagLab User Proposals

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Hendrik Luesch (S)	PI	University of Florida	College of Pharmacy	NIH	NIGMS - National Institute of General Medical Sciences	GM145426	P20353	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	13.5
Kalina Atanasova (T)	C	University of Florida	Medicinal Chemistry								
Jeremiah Batucan (G)	C	University of the Philippines	Marine Science Institute								
Manvun Chen (S)	C	University of Florida	Medicinal Chemistry								
Qiyin Chen (P)	C	University of Florida	unknown								
Haeveon (Halev) Choi (U)	C	University of Florida	Medicinal Chemistry								
Larissa Costa de Almeida (P)	C	University of Florida	Medicinal Chemistry								
Emma Ellis (G)	C	University of Florida	UF Medicinal Chemistry								
Malleesh Kathe (S)	C	University of Florida	Medicinal Chemistry								
Sofia Kokkaliari (P)	C	University of Florida	Medicinal chemistry								
Ranjala Rathnayake (S)	C	University of Florida	Medicinal Chemistry								
Hoan Dan Tam Pham (G)	C	University of Florida	UF Medicinal Chemistry								
Tracy Centanni (S)	PI	University of Florida	Speech, Language, and Hearing Sciences	NIH	NICHD - Eunice Kennedy Shriver National Institute of Child Health and Human Development	HD103479	P20450	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	23.5
Brenton Cooper (S)	C	Texas Christian University	Psychology								
John Ligon (S)	PI *	University of Florida	Pediatric Oncology	Chadlough Defeat DIPG Foundation	US Foundation	AGR00028228	P20569	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	3
Rachel Moor (P)	C	University of Florida	Neurosurgery								
May Khama (S)	PI	University of Florida	Department of Pharmacology & Therapeutics	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS136684	P20821	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	55.5
Amelia Bunnell (G)	C	University of Florida	Pharmacology and Therapeutics	DOD	Other	HT94252410194					
Akash Rajaram (G)	C	University of Florida	Pharmacology and Therapeutics	DOD	Other	HT94252310810					
Marina Rodriguez Sanchez (S)	C	University of Florida	Department of Pharmacology & Therapeutics	Forebatten Foundation	US Foundation	AGR DTD 3-26-2024					
Oriando Laitano (S)	PI	University of Florida	Department of Applied Physiology & Kinesiology	NIH	NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases	AR084591	P20822	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	16.5
Armina Azam (U)	C	University of Florida	Applied Physiology & Kinesiology	NIH	NIA - National Institute on Aging	AG072011					
Michele Moraes (P)	C	University of Florida	Applied Physiology & Kinesiology	DOD	Other	HT9425-23-1-0769					
Bradley Wilkes (S)	C	University of Florida	Applied Physiology and Kinesiology	DOD	Other	HT9425-24-1-0275					
Paramita Chakrabarty (S)	PI	University of Florida	Biology	NIH	NIA - National Institute on Aging	AG055798	P20925	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	12
Marcelo Febo (S)	C	University of Florida	Psychiatry								
Matteo Grudny (G)	C	University of Florida	Psychiatry - ADRC								
Sandra Loesgen (S)	PI	University of Florida	Chemistry	NSF	IOS - Integrative Organismal Systems	IOS2124120	P20926	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	11.5
Grace Dyer (G)	C	University of Florida	Whitney Laboratory for Marine Bioscience	NSF	IOS - Integrative Organismal Systems	IOS2314456					
Saian Green (G)	C	University of Florida	Whitney Laboratory for Marine Bioscience								
Joseph Mancun (G)	C	University of Florida	Whitney Laboratory for Marine Bioscience								
Erin Marshall (G)	C	University of Florida	Whitney Lab								
Bastien Petit (P)	C	University of Florida	Whitney Lab								
Joshua Moon (S)	PI *	University of Florida	Department of Chemical Engineering	NSF	CBET - Chemical, Bioengineering, Environmental, and Transport Systems	CBET2427603	P20936	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	44.33
Ryan Johnson (G)	C	University of Florida	Department of Chemical Engineering								
Jinqiu Tan (U)	C	University of Florida	Department of Chemical Engineering								
Akhilesh Upasani (G)	C	University of Florida	Chemical Engineering								
Sergey Vasenkov (S)	C	University of Florida	Chemical Engineering								
Xingui Liu (S)	PI *	University of Florida	Medicinal Chemistry	University of Florida	US College and University	Startup Funds	P20937	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	5
Bradley Wilkes (S)	PI *	University of Florida	Applied Physiology and Kinesiology	No other support			P21099	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	13
Yousong Ding (S)	PI	University of Florida	Medicinal Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	R35 GM128742	P21100	[Independently-funded Research Proposal]	Biology, Biochemistry, Biophysics	1	5
Amit Mondal (G)	C	University of Florida	Medicinal Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	RM1 GM145426					
				NSF	CHE - Chemistry	CHE2108383					
<b>Total Proposals:</b>									<b>Experiments:</b>	<b>Days:</b>	
26									28	697	

## 2025 MagLab User Proposals

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used	
Alimamy Bangura (S)	PI	National High Magnetic Field Laboratory	CMS	No other support	P19255	High field probe development - noise reduction and in-field thermometry calibration	Condensed Matter Physics	3	14.14	
Troy Burm (T)	C	National High Magnetic Field Laboratory	DC Field							
Yimiao Guo (G)	C	University of Illinois at Urbana-Champaign	Physics							
Hansol Kim (G)	C	University of Illinois at Urbana-Champaign	Department of Physics							
Shiyu Li (G)	C	University of Illinois Urbana-Champaign	Physics							
Zhengguang Lu (S)	C	Florida State University	Physics							
Cyde Martin (T)	C	National High Magnetic Field Laboratory	DC Instrumentation							
Robby Nowell (T)	C	National High Magnetic Field Laboratory	DC User Support							
Daniilo Roberto Ratkovski (O)	C	National High Magnetic Field Laboratory	CMS							
Dmitry Semenov (T)	C	National High Magnetic Field Laboratory	DC Field							
Pengjie Wang (S)	C	University of Illinois at Urbana-Champaign	Department of Physics							
Andrew Woods (S)	C	National High Magnetic Field Laboratory	CMS							
Shengzhi Zhang (S)	C	National High Magnetic Field Laboratory	CMS							
Tim Murphy (S)	PI	National High Magnetic Field Laboratory	DC Field Facility	No other support	P19611	Testing of DCFE magnets, power supplies and associated equipment	Condensed Matter Physics	1	1	
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS							
Andy Powell (S)	C	National High Magnetic Field Laboratory	Operations							
Julia Smith (S)	C	National High Magnetic Field Laboratory	DC Field							
Eric Stiers (O)	C	National High Magnetic Field Laboratory	DC Field							
Yasu Takano (S)	PI	University of Florida	Physics	No other support	P19638	Calorimetric and magnetic studies of quantum spin liquid candidates	Condensed Matter Physics	1	5.84	
Nathanneel Fortune (S)	C	Smith College	Department of Physics							
Scott Hansma (S)	C	National High Magnetic Field Laboratory	Physics							
Joyca Palmer-Fortune (S)	C	Smith College	Physics							
Jiaqi Yang (S)	C	Oak Ridge National Laboratory	Materials Science and Technology Division							
Brandon Sorbom (S)	PI	Commonwealth Fusion Systems	Research & Development	Commonwealth Fusion Systems	P19831	Angularly Resolved Critical Current Characterization of REBCO High Temperature Superconductors for High-Field Fusion Magnets	Development of Magnet Technology	2	12.95	
Yinglai Chen (T)	C	Commonwealth Fusion Systems	R&D							
Ji, (Jie Lee-Ling) Cheng (S)	C	Commonwealth Fusion Systems	Research & Development							
Ashleigh Francis (S)	C	Commonwealth Fusion Systems	R&D							
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS							
Victor Ogunjimi (S)	C	Commonwealth Fusion Systems	HTS R&D							
Maize Shepard (S)	C	Commonwealth Fusion Systems	R&D							
Axia Xu (S)	C	Florida State University	ASC							
Qianhui Shi (S)	PI	University of California, Los Angeles	Physics	UCLA start-up fund	P19890	Probing spin and pseudospin degrees of freedom in 2D semiconducting transition metal dichalcogenide heterostructures	Condensed Matter Physics	2	14	
Edgar Elias Bernabe (G)	C	University of California, Los Angeles	physics							
Mian Mandigo-Stoba (G)	C	University of California, Los Angeles	physics							
Luis Jauregui (S)	PI	University of California, Irvine	Department of Physics and Astronomy	NSF	DMR - Division of Materials Research	DMR2146567	Magneto-transport of gate-tunable van der Waals topological heterostructures	Condensed Matter Physics	1	4.56
Marshall Campbell (G)	C	University of California, Irvine	Physics and Astronomy							
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS							
Jinyu Liu (P)	C	University of California, Irvine	Department of Physics and Astronomy							
Robert Welsler (G)	C	University of California, Irvine	Department of Physics and Astronomy							
Jian Liu (S)	PI	University of Tennessee, Knoxville	Physics	DOE	BES - Basic Energy Sciences	DE-SC0020254	Emergent magneto-transport phenomena of geometrically frustrated heterostructures	Condensed Matter Physics	1	7
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department							
Seungmoon Song (G)	C	University of Tennessee, Knoxville	Department of Physics and Astronomy							
Chaitan Duttal (S)	PI	Kennesaw State University	Physics	DOE	BES - Basic Energy Sciences	DE-SC0025735	Study of quantum oscillations in possible Weyl semimetal candidate NDAIGe	Condensed Matter Physics	2	14
Tobias Beyer (U)	C	Kennesaw State University	Physics							
Alex Eaton (S)	PI	University of Cambridge	Physics	EPSRC UK	Non US Council		High magnetic field study of a spin-triplet superconductor candidate	Condensed Matter Physics	1	5.9
Hanyu Chen (G)	C	University of Cambridge	Physics quantum matter							
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS							
Mengmeng Long (G)	C	University of Cambridge	Department of Physics							
Thao Weinberger (G)	C	University of Cambridge	Cavendish Laboratory							
Zheyu Wu (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC field							
Christianne Beekman (S)	PI	National High Magnetic Field Laboratory	Physics	NSF	DMR - Division of Materials Research	DMR1847887	Study of the Magneto-elastic Coupling in Thin Films and Bulk Samples of Frustrated Magnets	Condensed Matter Physics	3	28
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS							
Aydia Bella Lake (S)	C	Helmholtz Zentrum-Berlin	QM, QM							
Dillon McKamara (G)	C	Florida State University	Physics							
Jennifer Reid (P)	C	National High Magnetic Field Laboratory	Physics							
Wei Pan (S)	PI	Sandia National Laboratories	Materials Physics Department	DOE	BES - Basic Energy Sciences	DE-SC0024486	Electronic transport and optical studies of semiconductor artificial quantum materials	Condensed Matter Physics	2	14
Kent Smith (S)	C	Sandia National Laboratories	8351	Sandia National Laboratories	US Government Lab					
Henry Travaglini (P)	C	Sandia National Laboratories	Materials Physics							
Z. Vally Vardeny (S)	PI	University of Utah	Department of Physics & Astronomy	DOE	BES - Basic Energy Sciences	DE-AC36-08G028306	Anomalous Landau levels and magneto-excitons in chiral 2D hybrid organic inorganic perovskites with strong Rashba spin orbit coupling	Condensed Matter Physics	1	5
Rikard Bodin (G)	C	University of Utah	Physics & Astronomy							
Isaac Brown (G)	C	University of Utah	Physics & Astronomy							
Heshan Hewa Walpitage (G)	C	University of Utah	Department of Physics and Astronomy							
Uyen Huynh (P)	C	University of Utah	Physics							
Stephen McGill (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science							
Daniel Nikitov (P)	C	University of Utah	Department of Physics & Astronomy							
Brod Pandey (G)	C	University of Utah	Physics and Astronomy							
Dmitry Smlimov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations							
Sergei Zvezgin (S)	PI	Helmholtz Zentrum Dresden-Rossendorf	Dresden High Magnetic Field Laboratory	SFB 1143	Other Non US Federal Agency		Frustration and competing interactions in quantum antiferromagnets	Condensed Matter Physics	1	7
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS							
Joachim Wosnitza (S)	C	Helmholtz Zentrum Dresden-Rossendorf	Dresden High Magnetic Field Laboratory (HLD)							
Mansour Shayegan (S)	PI	Princeton University	Department of Electrical and Computer Engineering	NSF	DMR - Division of Materials Research	DMR2104771	Role of layer thickness on enhancement of spin susceptibility of an interacting 2DES	Condensed Matter Physics	1	14
Casey Calhoun (G)	C	Princeton University	Electrical and Computer Engineering	DOE	BES - Basic Energy Sciences	DEFG02-00-ER45841				
Aadbut Gupta (P)	C	Princeton University	Electrical and Computer Engineering							
Siddharth Kumar Singh (G)	C	Princeton University	Electrical Engineering							
Chia-Tao Tai (G)	C	Princeton University	Electrical and Computer Engineering							
Chengyu Wang (G)	C	Princeton University	Electrical and Computer Engineering							
Venkat Sateemincum (S)	PI	University of Houston	Mechanical Engineering	DOE	HEP - High Energy Physics	DE-SC0016220	Critical current characterization of STAR® REBCO wires at 4.2 K and very high magnetic fields	Development of Magnet Technology	1	3.2
Nghia Mai (G)	C	Ampeers LLC	Mechanical Engineering							
Rastislav Ries (P)	C	Florida State University	ASC							
Bhabesh Sarangi (G)	C	University of Houston	Material Science and Engineering							
Manoj Thevalapilly Paulose (G)	C	University of Houston	Mechanical and Aerospace Engineering							
Shengchen Xue (S)	C	Ampeers LLC	Technology Bridge							

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Natia Frank (S)	PI	University of Nevada Reno	Chemistry	DOE	BES - Basic Energy Sciences	DE-SC0022258	EPR Investigation of Optically Gated Spin State Switching in Photochromic Cobalt Dioxolene for Quantum Information Science	Chemistry	1	7
Anthea Alenthanika (P)	C	University of Nevada Reno	Department of Chemistry	NSF	CHE - Chemistry	CHE1956301				
Subrata Ghosh (P)	C	University of Nevada Reno	Chemistry							
Brittany Grimm (G)	C	Florida State University	Physics							
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR							
Elvin Salerno (P)	C	National High Magnetic Field Laboratory	EMR							
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR							
Lucie Norel (S)	PI	Université de Rennes 1	ISCR	No other support			Multifunctional Molecular Magnets based on Lanthanide ions and Functional Ligands	Chemistry	2	14
Kevin Bernot (S)	C	National Institute for Applied Sciences, Rennes	INSA-CSM							
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS				Instrumentation & Operations			
Dmitry Sminov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations							
Keshav Shrestha (S)	PI	Texas A&M University	Chemistry and Physics	NSF	Other	2336011	Electronic properties of topological materials under high pressure	Condensed Matter Physics	2	16.29
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS	VSP		VSP, Project # 12707				
Cole Phillips (G)	C	West Texas A&M University	Chemistry and Physics							
Kyryl Shitlenko (U)	C	West Texas A&M University	Chemistry and Physics							
Albert Gapud (S)	PI	University of South Alabama	Department of Physics	No other support			Low-temperature measurements of 51V NMR relaxation times in single crystal of VSSl	Condensed Matter Physics	3	20
Rong Cong (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science	VSP		433				
Arnell Ryeze (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science/DCFF			US College and University				
Daniel Smith (U)	C	University of South Alabama	Physics							
Jin Hu (S)	PI	University of Arkansas	Physics	NSF	DMR - Division of Materials Research	DMR2238254	Unusual Magnetotransport in Layered Materials	Condensed Matter Physics	2	12.29
Gokul Acharya (G)	C	University of Arkansas	Physics	DOE	BES - Basic Energy Sciences	GR017341				
Prince Anagbonu (G)	C	University of Arkansas	Physics							
Rabindra Basnet (P)	C	University of Arkansas at Pine Bluff	Chemistry & Physics							
Santosh Chhetri (G)	C	University of Arkansas	Physics							
Sagar Dahal (G)	C	University of Arkansas	Department of Physics							
Manish Mani Sharma (P)	C	University of Arkansas	Department of Physics							
Dinesh Uprethi (G)	C	University of Arkansas	Physics							
Xiang Yuan (S)	PI	East China Normal University	state key laboratory of precision spectroscopy	East China Normal University	Non US College and University					
Yuhan Du (G)	C	East China Normal University	State Key Laboratory of Precision Spectroscopy							
Xiangyu Jiang (G)	C	East China Normal University	State Key Laboratory of Precision Spectroscopy							
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS							
Zeping Shi (P)	C	East China Normal University	State Key Laboratory of Precision Spectroscopy							
Wenbin Wu (G)	C	East China Normal University	State Key Laboratory of Precision Spectroscopy							
Cheng Zhang (S)	C	Fudan University	Institute for Nano-electronic Devices and Quantum Computing							
Haidong Zhou (S)	PI	University of Tennessee, Knoxville	Physics and Astronomy	NSF	DMR - Division of Materials Research	DMR2003117	New multiferricity of new layered compounds	Condensed Matter Physics	1	7
Alexander Brassington (G)	C	University of Tennessee, Knoxville	Physics							
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department							
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG							
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics							
Aya Rutherford (G)	C	University of Tennessee, Knoxville	Institute for Advanced Materials and Manufacturing							
Woun Kang (S)	PI	Ewha Womans University	Department of Physics	National Science Foundation of Korea	Non US Foundation		Search for the Fermi surface of the organic line node semi-metal HMTSF-TCNQ	Condensed Matter Physics	1	7
Younjung Jo (S)	C	Kyungpook National University	Physics							
Reizo Kato (S)	C	RIKEN	Condensed Molecular Materials Laboratory - Wako Institute							
Jun Sung Kim (S)	C	Pohang University of Science and Technology	Physics							
Keizo Murata (S)	C	Osaka Metropolitan University	Department of Physics, Graduate School of Science							
Jun Sung Kim (S)	PI	Pohang University of Science and Technology	Physics	Pohang University of Science and Technology	Non US College and University					
Min Hyuk Choi (G)	C	Pohang University of Science and Technology	Physics							
Younjung Jo (S)	C	Kyungpook National University	Physics							
Woun Kang (S)	C	Ewha Womans University	Department of Physics							
Hoi Kim (G)	C	Pohang University of Science and Technology	Physics							
Juhyeon Kim (G)	C	Kyungpook National University	physics							
Jun seong Lee (G)	C	Pohang University of Science and Technology	Physics							
Hyeonwoo Seo (G)	C	Pohang University of Science and Technology	Physics Department							
Dmitri Basov (S)	PI	Columbia University	Physics	NSF	DMR - Division of Materials Research	DMR2210196	Magneto-infrared spectroscopy and quantum oscillations of novel quantum materials	Condensed Matter Physics	1	7
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS							
Seng Huat Lee (S)	C	Pennsylvania State University	Physics							
Zhiqiang Mao (S)	C	Pennsylvania State University	Department of Physics							
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS							
Yiming Shao (S)	C	Pennsylvania State University	Physics							
Dmitry Sminov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations							
Haidong Zhou (S)	PI	University of Tennessee, Knoxville	Physics and Astronomy	NSF	DMR - Division of Materials Research	DMR2003117				
Alexander Brassington (G)	C	University of Tennessee, Knoxville	Physics	DOD	US Air Force	FA9550-23-1-0502				
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department							
Aya Rutherford (G)	C	University of Tennessee, Knoxville	Institute for Advanced Materials and Manufacturing							
Saunghoon Song (G)	C	University of Tennessee, Knoxville	Department of Physics and Astronomy							
Chengkun Xing (G)	C	University of Tennessee, Knoxville	Physics							

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Jian Wang (S)	PI	Peking University	International Center for Quantum Materials, School of Physics	Smith College	US College and University	SD-60175 CFCO - Fortune, Nathanael	P20256	Specific heat measurements of top-periodic oscillations under high magnetic field in Dirac materials ZrTe5 and HfTe5	Condensed Matter Physics	1	5.49
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Nathanael Fortune (S)	C	Smith College	Department of Physics								
Scott Hannahs (S)	C	National High Magnetic Field Laboratory	Physics								
Robert Joynt (S)	C	University of Wisconsin, Madison	Physics								
Yanzhao Liu (G)	C	Peking University	School of Physics								
Joyce Palmer-Fortune (S)	C	Smith College	Physics								
Daniilo Roberto Ratkovski (O)	C	National High Magnetic Field Laboratory	CMS								
Ziqiao Wang (P)	C	Peking University	Physics								
Jun Lu (S)	PI	National High Magnetic Field Laboratory	MS&T	NSF	DMR - Division of Materials Research	DMR2131790	P20258	REBCO delamination strength under electromagnetic force	Development of Magnet Technology	1	5.15
Dmytro Abramov (S)	C	National High Magnetic Field Laboratory	The Applied Superconductivity Center								
Jeremy Levitan (T)	C	National High Magnetic Field Laboratory	MS&T								
Nathanael Fortune (S)	PI	Smith College	Department of Physics	Smith College	US College and University	SD-60175 CFCO - Fortune, Nathanael	P20259	Development and characterization of low-magnetoresistance ceramic metal alloy composites (cermets) for high field, low temperature thermometry	Material Science	1	6
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Scott Hannahs (S)	C	National High Magnetic Field Laboratory	Physics								
Joyce Palmer-Fortune (S)	C	Smith College	Physics								
Andreas Rydh (S)	C	Stockholm University	Department of Physics								
Paula Gralido-Gallo (S)	PI	University of Los Andes	Physics	Universidad de Los Andes, Universidad Nacional de Colombia, Sistema general de regalías de Colombia, Ministerio de Ciencia de Colombia	Non US College and University	BPIN 2022000100133	P20260	High field study of quasi-1D transition metal chalcogenides and related charge-ordered compounds	Condensed Matter Physics	1	7
Ian Fisher (S)	C	Stanford University	Applied Physics								
Jose Gabite Echeverri (S)	C	University of Rosario	School of Sciences and Engineering								
Isabel Guillamon (P)	C	University of Bristol	Physics								
Edwin Herrera Vasco (P)	C	Autonomous University of Madrid	Condensed Matter								
Edwin Ramos Rodríguez (S)	C	University of the Andes	Física								
Astrid Camila Riveros Mesa (G)	C	National University of Colombia, Bogota	Physics								
Julian Rojas (G)	C	University of Los Andes	Bogota								
Diego Silvera Vega (G)	C	University of Los Andes	Physics								
Hermann Suderow (S)	C	Autonomous University of Madrid	Condensed Matter								
Antonio Prillano (S)	PI	University of L'Aquila	Physical and Chemical Sciences	No other support			P20261	High Magnetic Fields to explore Shubnikov-de Haas quantum oscillations in PbTe	Condensed Matter Physics	2	28
Sherrane Benjamin (S)	C	National High Magnetic Field Laboratory	Physics								
Taohe Dadiani (G)	C	University of L'Aquila	Physics								
Zhigang Jiang (S)	PI	Georgia Institute of Technology	School of Physics	DOE	BES - Basic Energy Sciences	DE-FG02-07ER46451	P20265	Magneto-infrared Spectroscopy Study of Emerging Quantum Materials with Layered Structures	Condensed Matter Physics	2	21
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Sumedh Rathi (G)	C	Georgia Institute of Technology	Physics								
Nikolai Simonov (G)	C	Georgia Institute of Technology	School of Physics								
Dmitry Sminov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Napeng Zhang (P)	C	National High Magnetic Field Laboratory	Physics								
E. Dan Dahlberg (S)	PI	University of Minnesota, Twin Cities	School of Physics and Astronomy	DOE	BES - Basic Energy Sciences	DE-SC0013599	P20269	Determination of the exchange energy distribution in spin glasses	Condensed Matter Physics	1	8.08
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Scott Hannahs (S)	C	National High Magnetic Field Laboratory	Physics								
Charles Agosta (S)	PI	Clark University	Department of Physics	NSF	DMR - Division of Materials Research	DMR2408453	P20274	The TDO in pulsed fields, a study of $^1$ -(BETS)2GaCl4	Condensed Matter Physics	1	4.22
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Nathanael Fortune (S)	C	Smith College	Department of Physics								
Hanna Galach (G)	C	Stockholm University	Department of Physics								
Scott Hannahs (S)	C	National High Magnetic Field Laboratory	Physics								
Akiko Kobayashi (S)	C	University of Tokyo	Research Centre for Spectrochemistry								
Lily Phillips (U)	C	Smith College	Physics								
Daniilo Roberto Ratkovski (O)	C	National High Magnetic Field Laboratory	CMS								
Andreas Rydh (S)	C	Stockholm University	Department of Physics								
Lily Schroeder (U)	C	Smith College	Physics								
Laurel Winter (S)	C	National High Magnetic Field Laboratory	Physics								
Philip Moll (S)	PI	Max Planck Institute for Structure and Dynamics of Matter, Hamburg	Max Planck Institute for Structure and Dynamics of Matter	European Research Council (ERC)	Non US Council	101164280	P20283	True nature of exotic high field state in UTe2: a field-polarized metal or a field-boosted superconductor?	Condensed Matter Physics	1	4
Chunyu Guo (S)	C	Max Planck Institute for Structure and Dynamics of Matter, Hamburg	MQM								
Yining Hu (P)	C	Max Planck Institute for Structure and Dynamics of Matter, Hamburg	Microstructured Quantum Matter								
Charles Meike (P)	C	Max Planck Institute for Structure and Dynamics of Matter, Hamburg	Microstructured Quantum Matter								
Carsten Putzke (U)	C	University of Bristol	Physics								
Priscila Rosa (S)	C	Los Alamos National Laboratory	MPA-Q								
Ling Zhang (G)	C	Max Planck Institute for Structure and Dynamics of Matter, Hamburg	MQM								
David Mandrus (S)	PI	University of Tennessee, Knoxville	Materials Science and Engineering	Gordon and Betty Moore Foundation	Other	GBMF9069	P20286	Pressure study of LuV6Sn6 and (ScLu)V6Sn6	Condensed Matter Physics	1	11
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Shirin Mozaffari (P)	C	University of Tennessee, Knoxville	Materials Science and Engineering								
David Graf (S)	PI	National High Magnetic Field Laboratory	DC Field / CMS	No other support			P20295	Instrumentation and Technique Development	Condensed Matter Physics	6	44.84
Zhenqi Hua (G)	C	Florida State University	Physics								
Gang Shi (P)	C	Florida State University	Department of Physics								
Michael Shatruk (S)	PI	National High Magnetic Field Laboratory	Department of Chemistry and Biochemistry	DOE	BES - Basic Energy Sciences	DESC0019330	P20300	Crystal Structure of Valence Tautomeric Cobalt Complex in High Magnetic Fields	Material Science	3	28
Shubham Bishit (G)	C	Florida State University	Chemistry and Biochemistry	NSF	CHE - Chemistry	CHE2300779					
Miguel Gekiya (G)	C	Florida State University	Chemistry and Biochemistry								
Eduardo Hernandez Requejo (G)	C	Florida State University	Chemistry and Biochemistry								
Divya Mondal (P)	C	Florida State University	Chemistry and Biochemistry								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Rachel Perez Roque (G)	C	Florida State University	Chemistry and Biochemistry								
Alexey Suslov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								





## 2025 MagLab User Proposals

Participants (Name, Role, Org., Dept.)		Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used		
Gael Grissonnanche (S)	PI	Institute Polytechnic De Paris	Physics	Ecole Polytechnique	Non US College and University	P20527	Probing scattering times in quantum materials	Condensed Matter Physics	1	5.17	
Patrick Fournier (S)	C	University of Sherbrooke	Physics								
Adrien Gourgot (P)	C	University of Sherbrooke	Physics								
Charles Ioro-Duval (G)	C	University of Sherbrooke	Physics								
Juan Santana Gonzalez (G)	C	Ecole Polytechnique	Physics								
Louis Taillefer (S)	C	University of Sherbrooke	Physics								
Joseph Checkelsky (S)	PI	Massachusetts Institute of Technology	Physics	DOD	ARO - Army Research Office	P20531	High Field Studies of Superconducting Superlattices	Condensed Matter Physics	8	49.88	
Yash Anand (G)	C	Massachusetts Institute of Technology	Physics	NSF	DMR - Division of Materials Research						
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS		DMR1231319						
Alan Chen (G)	C	Massachusetts Institute of Technology	EICS								
Maximilien Debbas (G)	C	Massachusetts Institute of Technology	Physics								
Road Dery (G)	C	Massachusetts Institute of Technology	Physics								
Chi Ian Iu (G)	C	Massachusetts Institute of Technology	Physics								
Caolan John (G)	C	Massachusetts Institute of Technology	Physics								
Alex Mayo (P)	C	Massachusetts Institute of Technology	Department of Physics								
Paul Neves (G)	C	Massachusetts Institute of Technology	Physics								
Kevin Nuckolls (P)	C	Massachusetts Institute of Technology	Physics								
Danilo Roberto Ratkovski (O)	C	National High Magnetic Field Laboratory	CMS								
Joshua Wakefield (G)	C	Massachusetts Institute of Technology	Physics								
Mike Sumption (S)	PI	Ohio State University	CSMM, MSE	DOE	HEP - High Energy Physics	DE-SC0011721	P20532	Magnetization of HTS Cables at High Fields	Development of Magnet Technology	1	5.95
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Milan Majeros (S)	C	Ohio State University	Materials Science and Engineering								
Fru Tushar (G)	C	Ohio State University	Material Science and Engineering								
Cory Dean (S)	PI	Columbia University	Physics	DOE	BES - Basic Energy Sciences	DE-SC00167703	P20533	Tuning electronic correlations and topology in van der Waals heterostructures under high magnetic fields	Condensed Matter Physics	4	26.02
John Cenker (P)	C	Columbia University	Physics								
Yinjie Guo (G)	C	Columbia University	Physics Department								
Zyu Liu (P)	C	Columbia University	Physics Department								
Jordan Pack (G)	C	Columbia University	Physics								
Trevor Senaha (G)	C	Columbia University	Physics								
Birui Yang (G)	C	Columbia University	Physics								
Michihiro Hirata (S)	PI	Los Alamos National Laboratory	MPA-Q	DOE	BES - Basic Energy Sciences	0	P20536	Quantum spin liquid phase in Kagomé Lattice antiferromagnets	Condensed Matter Physics	2	8
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Sejun Park (P)	C	Los Alamos National Laboratory	MPA-Q								
Phurba Sherpa (G)	C	Los Alamos National Laboratory	MPA-Q								
Riku Yamamoto (P)	C	University of California, Los Angeles	Physics and Astronomy								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Shengzhi Zhang (S)	C	National High Magnetic Field Laboratory	CMS								
Joanna Blawat (P)	PI	National High Magnetic Field Laboratory	NHMFL	No other support			P20538	High magnetic field studies of CePd-based heavy fermion compounds	Condensed Matter Physics	1	12.53
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Grzegorz Chajewski (P)	C	Institute of Low Temperature and Structure Research, Polish Academy of Sciences	Division of Magnetic Research								
Dariusz Kazzorowski (S)	C	Institute of Low Temperature and Structure Research, Polish Academy of Sciences	Magnetic Research Division								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Philip Moll (S)	C	Max Planck Institute for Structure and Dynamics of Matter, Hamburg	Max Planck Institute for Structure and Dynamics of Matter								
Danilo Roberto Ratkovski (O)	C	National High Magnetic Field Laboratory	CMS								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Sergey Suchalkin (S)	PI	State University of New York, Stony Brook	Electrical and Computer Engineering	ARO	Other US Federal Agency		P20539	Faraday effect in metamorphic InAsSb-based semiconductor structures	Condensed Matter Physics	1	7
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Anton Petruk (G)	C	State University of New York, Stony Brook	Electrical Engineering								
Dmitry Srinov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Mykhaylo Ozerov (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS	No other support			P20547	MAGNETO-OPTICAL STUDY OF SPIN-PHONON COUPLING EFFECTS IN VAN DER WAALS MAGNETS.	Condensed Matter Physics	2	28
Vadym Kulchenko (S)	C	National High Magnetic Field Laboratory	Condensed matter science								
Johanne Paglione (S)	PI	University of Maryland, College Park	Maryland Quantum Materials Center and Department of Physics	DOE	BES - Basic Energy Sciences	DESC0019154	P20615	Revealing the order parameters of high-field superconducting phases in UTe2.	Condensed Matter Physics	1	8.73
Jaryd Horn (G)	C	University of Maryland, College Park	Physics								
Shanta Saha (P)	C	University of Maryland, College Park	Physics								
Hyeok Yoon (P)	C	University of Maryland, College Park	Department of Physics								
Badih Assaf (S)	PI	University of Notre Dame	Physics	DOE	BES - Basic Energy Sciences	DE-SC-0024291	P20616	Probing engineered topological phases at high magnetic fields	Condensed Matter Physics	3	21
Muhsin Abdul Karim (G)	C	University of Notre Dame	Physics	NSF	DMR - Division of Materials Research	DMR2313441					
Sara Bey (G)	C	University of Notre Dame	Physics and Astronomy	DOE	BES - Basic Energy Sciences	DE-SC0024291					
Ruben Franchini (U)	C	University of Notre Dame	Physics and Astronomy								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Xinyu Liu (S)	C	University of Notre Dame	Department of Physics and Astronomy								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Michael Stuckert (U)	C	University of Notre Dame	Physics								
Kota Yoshimura (G)	C	University of Notre Dame	Physics								
Hemamala Karunadasa (S)	PI	Stanford University	Chemistry	Brown Science Foundation	Other	1267187-10UAKHZ	P20617	Investigation of Low-Dimensional Magnetism in Halide Perovskite Intergrowths Synthesized by Aqueous Self-Assembly	Chemistry	2	12.92
Caravaggio Caniglia (G)	C	Stanford University	Chemistry								
Julian Vigil (P)	C	University of California, Berkeley	College of Chemistry								
Clara Zwanziger (G)	C	Stanford University	Chemistry								
Eun Sang Choi (S)	PI	National High Magnetic Field Laboratory	Physics Department	No other support			P20619	User Instrumentation and Technique Development	Condensed Matter Physics	2	11.39
Min Hyuk Choi (G)	C	Pohang University of Science and Technology	Physics								
Hoi Kim (G)	C	Pohang University of Science and Technology	Physics								
Jun Sung Kim (S)	C	Pohang University of Science and Technology	Physics								
Jun seong Lee (G)	C	Pohang University of Science and Technology	Physics								

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Felix Trier (S)	PI	Technical University of Denmark	DTU Energy	The Villum Foundation	Non US Foundation	P20620	Complex oxide-based two-dimensional electronic systems in high magnetic fields	Condensed Matter Physics	1	3.88	
Amit Chandu (P)	C	Technical University of Denmark	DTU Energy								
Anshu Gupta (P)	C	Technical University of Denmark	DTU Energy								
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Thor Hvid-Olsen (G)	C	Technical University of Denmark	DTU Energy								
Km Rubi (S)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Xavier Roy (S)	PI	Columbia University	Chemistry	DOE	BES – Basic Energy Sciences	DE-SC0023406	P20634	Tunable Electron Correlations in 2D and Quasi-2D Materials	Condensed Matter Physics	2	14
Anna Champ (G)	C	Columbia University	Chemistry								
Jiayi Li (P)	C	Columbia University	Chemistry								
Jeffrey McNeill (P)	C	Columbia University	Chemistry								
Arun Ramanathan (P)	C	Columbia University	Chemistry								
Xiaobang Xu (S)	PI	University of Washington	Physics	DOE	BES – Basic Energy Sciences	DE-SC0016171	P20637	Probing fractional quantum states in moiré materials	Condensed Matter Physics	2	12
Dhan Bautista (G)	C	University of Washington	Physics								
Jiaqi Cai (G)	C	University of Washington	Physics								
Chowell Hu (G)	C	University of California, Los Angeles	Department of Physics and Astronomy								
Heonjoon Park (G)	C	University of Washington	Physics								
Naiyuan Zhang (P)	C	University of Washington	Department of Physics								
Yi-Fan Zhao (P)	C	University of Washington	Physics								
Kang Wang (S)	PI	University of California, Los Angeles	Electrical Engineering	DOD	ARO - Army Research Office	W911NF20-2-0166	P20644	Searching for Parity Anomaly in Axion Insulator	Condensed Matter Physics	1	7
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department	NSF	Other	1936383					
Yaochen Li (G)	C	University of California, Los Angeles	Electrical and Computer Engineering								
Gang Qiu (S)	C	University of Minnesota, Twin Cities	Electrical and Computer Engineering								
Hang-Yu Yang (P)	C	University of California, Los Angeles	ECE								
Ting-Hsun Yang (G)	C	University of California, Los Angeles	Electric and Computer Engineering								
Tim Murphy (S)	PI	National High Magnetic Field Laboratory	DC Field Facility	No other support			P20671	Testing DCFF magnets, power supplies & instrumentation	Condensed Matter Physics	3	19.16
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS	NSF	DMR - Division of Materials Research	DMR2128556					
Shermane Benjamin (S)	C	National High Magnetic Field Laboratory	Physics								
Joanna Blawat (P)	C	National High Magnetic Field Laboratory	NHMFL								
Troy Brumm (T)	C	National High Magnetic Field Laboratory	DC Field								
Scott Maier (S)	C	National High Magnetic Field Laboratory	Instrumentation and Operations								
Cyde Martin (T)	C	National High Magnetic Field Laboratory	DC Instrumentation								
Robby Nowell (T)	C	National High Magnetic Field Laboratory	DC User Support								
Andy Powell (S)	C	National High Magnetic Field Laboratory	Operations								
Daniel Roberto Ratkovski (O)	C	National High Magnetic Field Laboratory	CMS								
Lily Schroeder (J)	C	Smith College	Physics								
Julia Smith (S)	C	National High Magnetic Field Laboratory	DC Field								
Martyna Stepniak (U)	C	Eastern Washington University	Physics								
Andrew Woods (S)	C	National High Magnetic Field Laboratory	CMS								
Hadi Mohammadigoushki (S)	PI	Florida State University	Chemical and Biomedical Engineering	Rare Earth Initiative/gypstack project	Other	227013-531-102206	P20674	measuring magnetization of steel wires and balls	Engineering	1	7
Mohd Khan (P)	C	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
Nicholas Butch (S)	PI	National Institute of Standards and Technology	NIST Center for Neutron Research	NSF	DMR - Division of Materials Research	DMR2105191	P20683	Lazarus and beyond: high field behavior of UTe <sub>2</sub>	Condensed Matter Physics	2	9.92
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS	DOC - Department of Commerce							
Audrey Grockowiak (S)	C	Leibniz Institute for Solid State and Materials Research Dresden	Thermodynamics Team								
Thomas Halloran (G)	C	National Institute of Standards and Technology	NIST Center for Neutron Research								
Sylvia Lewin (P)	C	University of Maryland, College Park	physics								
Gisela Saucedo Salas (G)	C	University of Maryland, College Park	Physics								
Stanley Tozer (S)	C	National High Magnetic Field Laboratory	Physics								
Jeffrey Long (S)	PI	University of California, Berkeley	Chemistry	NSF	CHE - Chemistry	CHE2303044	P20690	Hard Permanent Magnetism from Mixed-Valence Dlanthandne Complexes with Metal-Metal Bonding	Biology, Biochemistry, Biophysics	3	19.95
Audrey Bartlett (G)	C	Massachusetts Institute of Technology	Chemistry	NSF	CHE - Chemistry	CHE2350466					
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Neil Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Jakub Hruby (P)	C	National High Magnetic Field Laboratory	EMR								
Emi Ito (T)	C	University of California, Berkeley	Chemistry								
Mak Kirkman-Davis (G)	C	Massachusetts Institute of Technology	Chemistry								
Hyunchul Kwon (G)	C	University of California, Berkeley	Chemistry								
Danh Ngo (G)	C	University of California, Berkeley	Chemistry								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Stanley Tozer (S)	C	National High Magnetic Field Laboratory	Physics								
Mirhyea Lee (S)	PI	University of Colorado, Boulder	Physics	DOE	BES – Basic Energy Sciences	DE-SC0021377	P20695	Magnetotransport Properties in Rare-Earth Magnetic Materials	Condensed Matter Physics	6	42
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Alexander Fix (G)	C	University of Colorado, Boulder	Physics								
Elliot Roberts (G)	C	University of Colorado, Boulder	Physics								
Hope Whitelock (G)	C	University of Colorado, Boulder	Physics								
Jie Xing (P)	C	Oak Ridge National Laboratory	Neutron Scattering Division								
Ziling Xue (S)	PI	University of Tennessee, Knoxville	Chemistry	NSF	CHE - Chemistry	CHE2349345	P20696	Studies of Molecular Quantum Materials by Magneto-Spectroscopies	Chemistry	1	7
Adiat Fakojujo (G)	C	University of Tennessee, Knoxville	Chemistry								
Michael Jenkins (G)	C	University of Tennessee, Knoxville	Chemistry								
Amanpreet Mahmi (G)	C	University of Tennessee, Knoxville	Chemistry								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Brandon Sanders (G)	C	University of Tennessee, Knoxville	Chemistry								
William Little (S)	PI	CCFE STEP	Confinement Systems	United Kingdom Atomic Energy Authority	Non US Government Lab		P20698	Comparison of REBCO coated conductor critical current density measurements between measurement techniques for fusion magnet conductor quality assurance.	Material Science	1	4.99
Dmitry Abramov (S)	C	National High Magnetic Field Laboratory	The Applied Superconductivity Center								
Kirk Adams (G)	C	University of Oxford	Materials								
Yannik Deudonne (S)	C	UK Atomic Energy Authority	Fusion Technology								
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS								
Joe Peckett (S)	C	UK Atomic Energy Authority	Fusion Technology								
Rastislav Ries (P)	C	Florida State University	ASC								
Aurobindo Siddarth Swaminathan (S)	C	UK Atomic Energy Authority	Fusion technology								
Susannah Speller (S)	C	University of Oxford	Materials								
Stuart Wimbush (S)	C	UK Industrial Fusion Solutions Ltd	Spherical Tokamak for Energy Production								







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Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used		
Geetha Balakrishnan (S)	PI	University of Warwick	Physics	ERC	Non US Council	P20893	Quantum Oscillations in New Families of Correlated Insulators	Condensed Matter Physics	1	3.9	
Theresezhil Elango (G)	C	University of Cambridge	Physics								
Nicholas Popiel (G)	C	University of Cambridge	Physics								
Suchitra Sebastian (S)	C	University of Cambridge	Physics								
Siya Valecha (U)	C	University of Durham	Physics								
Yunyun Xie (U)	C	University of Cambridge	Physics								
Alexey Suslov (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Science	UCGP	5216	P20895	Cryogenic Preamplifiers: Enhancing NIMFL DC Fields Facility	Condensed Matter Physics	1	7	
Ja Li (S)	PI	University of Texas, Austin	Department of Physics	NSF	OIA - Office of Integrative Activities	2327206	P20896	Composite fermions, fractional excitons, and non-trivial topology in quantum Hall graphene bilayer	Condensed Matter Physics	1	3.46
Sarah Akklim (G)	C	Brown University	Department of Physics								
Harsadeep Maddali (G)	C	University of Texas, Austin	Physics								
Nhanvan Nguyen (G)	C	Brown University	Physics								
Naiyuan Zhang (P)	C	University of Washington	Department of Physics								
Rosario Gerhardt (S)	PI *	Georgia Institute of Technology	Materials Science and Engineering	Honeywell Corporation subcontract from DARPA	AWD-008960	P20897	Characterization of magnetoelectric properties in piezoelectric-magnetic composites	Engineering	1	7	
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Dragana Popovic (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Science / Experimental	NSF	DMR - Division of Materials Research	DMR2104193	P20898	Electrical Transport Studies of Quasi-Two-Dimensional Strongly Correlated Materials II	Condensed Matter Physics	3	19.53
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Charun Dasanayake (P)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Martin Dressel (S)	C	University of Stuttgart	Physikalisches Institut								
Rodolfo Marquez Tavera (G)	C	National High Magnetic Field Laboratory	CMS								
Andrej Pustogow (P)	C	University of California, Los Angeles	Physics and Astronomy								
Yohel Saito (S)	C	Goethe University Frankfurt	Department of physics								
Yun Wang (G)	C	Florida State University	CMS								
Tomoya Asaba (S)	PI *	University of Virginia	Physics	Japan Science and Technology Agency	Non US Foundation	P20901	High-field phase transitions of unconventional superconductors	Condensed Matter Physics	1	2.53	
Andrew Abdelhakak (G)	C	University of Virginia	Physics	UVA startup	Other						
JuiLin Chen (G)	C	University of Virginia	physics								
Siguru Hoso (P)	C	Los Alamos National Laboratory	MPA-Q								
Alexey Suslov (S)	PI	National High Magnetic Field Laboratory	Condensed Matter Science	No other support		P20914	Improvement and Development of Experimental Techniques at the NIMFL DC Field Facility; 2025	Condensed Matter Physics	4	36	
Samaresh Guhath (S)	PI *	Howard University	Physics and Astronomy	DOE	BES - Basic Energy Sciences	DE-SC0013599	P20930	Study of Heisenberg and Ising-like Phase Transitions in Vector Spin Glass	Condensed Matter Physics	1	13
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Christanne Brekman (S)	PI	National High Magnetic Field Laboratory	Physics	NSF	DMR - Division of Materials Research	DMR1847857	P20935	Investigating the effect of strain and disorder on quantum spin ices	Condensed Matter Physics	3	28
Robert Hill (S)	C	University of Waterloo	Physics and Astronomy								
Jozsef Hinson (U)	C	Florida State University	Physics								
Alycia Bella Lake (S)	C	Heimholtz Zentrum-Berlin	QM-IQM								
Dillon McNamara (G)	C	Florida State University	Physics								
Jennifer Reid (P)	C	National High Magnetic Field Laboratory	Physics								
Jun Lu (S)	PI	National High Magnetic Field Laboratory	MS&T	NSF	DMR - Division of Materials Research	DMR2131790	P20939	1c measurement of REBCO tapes for 40 T project using torque magnetometry	Development of Magnet Technology	1	107.98
Dmytro Abramov (S)	C	National High Magnetic Field Laboratory	The Applied Superconductivity Center								
Jeaseok Bang (S)	C	National High Magnetic Field Laboratory	ASC								
Jan Jaszczyski (S)	C	National High Magnetic Field Laboratory	CMS								
Jeremy Lewtan (T)	C	National High Magnetic Field Laboratory	MS&T								
Rastislav Ries (P)	C	Florida State University	ASC								
Sergei Zvyagin (S)	PI	Heimholtz Zentrum Dresden-Rossendorf	Dresden High Magnetic Field Laboratory	DFG	Other Non US Federal Agency	P20953	Magnetic Properties of Low-Dimensional and Frustrated Spin Systems	Condensed Matter Physics	1	7	
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Mark Turnbull (S)	C	Clark University	Chemistry								
Denis Karaickaj (S)	PI	University of South Florida	Physics	Funded by the principal investigator, rebate funds	Other	P20958	Measuring the effect of the isotopic disorder in the quantum Hall effects	Condensed Matter Physics	1	7	
Ailammy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
Alexandra Dickison-Lomas (S)	PI *	UK Atomic Energy Authority	Materials,	UK Atomic Energy Authority	Non US Government Lab	P20962	Impact of high magnetic field and high temperatures on microstructural stability of fusion relevant structural steels	Material Science	1	9.34	
Ailammy Bangura (S)	C	National High Magnetic Field Laboratory	CMS								
David Bowden (S)	C	UK Atomic Energy Authority	Materials								
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
Amy Gandy (S)	C	UK Atomic Energy Authority	Materials								
Jack Haley (S)	C	UK Atomic Energy Authority	Materials								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Jak Chakhalian (S)	PI	Rutgers University	physics	DOE	BES - Basic Energy Sciences	DE-SC0022160	P20965	Magnetotransport study on Weyl semimetal and spin ice interfaces	Condensed Matter Physics	1	7
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department								
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS								
Michael Terill (G)	C	Rutgers University	Physics								
Tsung-Chi Wu (G)	C	Rutgers University	Physics								
Christian Zaprianov (G)	C	Rutgers University	Physics and Astronomy								
Hanwei Ge (S)	PI *	Florida State University	Physics	NSF	DMR - Division of Materials Research	DMR2110814	P20966	Magneto optics for 2D hybrid perovskite	Condensed Matter Physics	1	7
Zhengguang Lu (S)	C	Florida State University	Physics								
Stephen McGill (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Dmitry Smmov (S)	C	National High Magnetic Field Laboratory	Instrumentation & Operations								
Wei Pan (S)	PI	Sandia National Laboratories	Materials Physics Department	Sandia National Labs	US Government Lab	P20968	Electronic transport studies in high-mobility low-density InAs quantum wells	Condensed Matter Physics	2	14	
Kent Smith (S)	C	Sandia National Laboratories	8351								
Henry Traveglini (P)	C	Sandia National Laboratories	Materials Physics								
Dmitry Smmov (S)	PI	National High Magnetic Field Laboratory	Instrumentation & Operations	No other support		P20976	Testing new probes and techniques for high-field optical magneto spectroscopy	Condensed Matter Physics	1	14	
Dmitry Semenov (T)	C	National High Magnetic Field Laboratory	DC Field								
Naipeng Zhang (P)	C	National High Magnetic Field Laboratory	Physics								
Kenneth Knappenberger (S)	PI	Pennsylvania State University University Park	Chemistry	NSF	CHE - Chemistry	CHE2204190	P20980	Electronic Spin Dynamics in Superatomic Clusters	Chemistry	1	4.41
Daniel Heintzelman (G)	C	Pennsylvania State University	Chemistry								
Stephen McGill (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Aaron Oakes (G)	C	Pennsylvania State University	Chemistry								
Jeffrey Long (S)	PI	University of California, Berkeley	Chemistry	DOE	BES - Basic Energy Sciences	DE-SC0025176	P20981	Far-Infrared Magneto spectroscopic Study of Erbium-based Molecular Qubits	Chemistry	1	7
David Harris (S)	C	University of California, Berkeley	Chemistry								
Leander Held (G)	C	University of California, Berkeley	College of Chemistry								
Verner Saask (G)	C	University of California, Berkeley	College of Chemistry								

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Ashleigh Francoe (S)	PI	Commonwealth Fusion Systems	R&D	Commonwealth Fusion Systems	P20984	High field characterization of REBCO high temperature superconductors for fusion magnets	Development of Magnet Technology	1	6.02	
Ji (Jie Lee-Ling) Cheng (S)	C	Commonwealth Fusion Systems	Research & Development							
Jan Jaroszynski (S)	C	National High Magnetic Field Laboratory	CMS							
Maise Shepard (S)	C	Commonwealth Fusion Systems	R&D							
Fnu Tushar (G)	C	Ohio State University	Material Science and Engineering							
Xander Wang (S)	C	Commonwealth Fusion Systems	R&D							
Md Shafayat Hossain (S)	PI	University of California, Los Angeles	Materials Science and Engineering	UCLA startup grant	P20997	Electrical and thermal transport of quantum materials with multiple competing orders	Condensed Matter Physics	4	36	
Luis Balicas (S)	C	National High Magnetic Field Laboratory	Condensed Matter Experiment	UCLA startup grant						
Alimamy Bangura (S)	C	National High Magnetic Field Laboratory	CMS							
Eun Sang Choi (S)	C	National High Magnetic Field Laboratory	Physics Department							
David Graf (S)	C	National High Magnetic Field Laboratory	DC Field / CMS							
Danilo Roberto Ratkovski (O)	C	National High Magnetic Field Laboratory	CMS							
Eric Yeh (G)	C	University of California, Los Angeles	Material Science and Engineering							
<b>Total Proposals:</b>								<b>155</b>	<b>Experiments:</b>	<b>Days:</b>
									<b>265</b>	<b>1,811</b>



## 2025 MagLab User Proposals

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Thierry Dubroca (S)	PI	National High Magnetic Field Laboratory	EMR	NSF						
Brittany Grimm (G)	C	Florida State University	Physics	NSF	DMR - Division of Materials Research	DMR2128556			13	95
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics		DMR - Division of Materials Research	DMR1644779	Hardware development, upgrades and maintenance of Electron Magnetic Resonance spectrometers	Engineering		
Iya Litak (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR							
Jenica Lumata (P)	C	National High Magnetic Field Laboratory	NMR/CIMAR							
Kavipriya Thangavel (P)	C	Florida State University	Physics							
Bianca Trociewitz (S)	C	National High Magnetic Field Laboratory	EMR							
E. Carolina Sañudo (S)	PI	University of Barcelona	Inorganic and Organic Chemistry	No other support					1	1
Guillem Gabarro-Riera (G)	C	University of Barcelona	Inorganic and Organic Chemistry department. Inorganic Chemistry Section.				Phase-Memory Time of Large Area Arrays of Qubits	Material Science		
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics							
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR							
Jakub Hruby (P)	C	National High Magnetic Field Laboratory	EMR							
Jiasong Li (S)	PI	University of Texas, San Antonio	Chemistry	NIH	NIH	GM108988			1	5
Ran Duan (G)	C	University of Texas, San Antonio	Chemistry	NSF	NIH	CHE2204225	High frequency high-resolution EPR studies of the crosslinked cofactor radical intermediate in bifunctional enzyme KatG from Mycobacterium tuberculosis	Biology, Biochemistry, Biophysics		
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR							
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science							
Aimin Liu (S)	C	University of Texas, San Antonio	Chemistry							
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance							
Grace Morgan (S)	PI	University College Dublin	School of Chemistry and Chemical Biology	No other support					2	31.5
Francesca Adami (G)	C	University College Dublin	School of Chemistry				High Field EPR Analysis of Redox and Spin State in Spin Crossover Complexes	Chemistry		
Emmelyne Cuza (P)	C	University College Dublin	Chemistry							
Brittany Grimm (G)	C	Florida State University	Physics							
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR							
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science							
Zoi Lada (P)	C	University College Dublin	School of Chemistry							
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR							
Mikhailo Oszov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS							
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR							
Henry La Pierre (S)	PI	Georgia Institute of Technology	School of Chemistry and Biochemistry	DOE	BES - Basic Energy Sciences	DE-SC0023455			1	14
Maximilian Bernbeck (P)	C	Georgia Institute of Technology	Chemistry				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		
Rasmus Tang Christiansen (P)	C	Georgia Institute of Technology	School of Physics and School of Chemistry and Biochemistry							
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR							
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics							
Kavipriya Thangavel (P)	C	Florida State University	Physics							
Grant Wilkinson (G)	C	Georgia Institute of Technology	School of Chemistry							
Tomas Orlando (S)	PI	National High Magnetic Field Laboratory	Electron Magnetic Resonance	UCGP					3	8.5
Jinrese Caibiging (U)	C	California State University, East Bay	Chemistry/Biochemistry	UCGP			Characterization of EPR properties of organic radicals in liquids at high frequencies	Chemistry		
Rachel Clark (G)	C	Florida State University	Chemistry & Biochemistry			UCGP Orlando				
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR							
Angeliki Giannoulis (S)	C	Weizmann Institute of Science	Chemical and biological physics							
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR							
Natalie Ibbetson (U)	C	California State University, East Bay	Chemistry							
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR							
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR							
Maynor Zeron (U)	C	Florida State University	Chemistry and Biochemistry							
Hui Xiong (S)	PI	Boise State University	Materials Science and Engineering	DOE	ASCR - Advanced Scientific Computing Research	DE-SC0019121			2	14.5
Megan Burfill (G)	C	Northwestern University	Materials Science and Engineering				Understanding the synergy of anion and transition metal redox in P2-type cathodes for sodium-ion batteries using EPR spectroscopy.	Material Science		
Dewen Hou (P)	C	Boise State University	Department of Materials Science and Engineering							
Yan-Yan Hu (S)	C	Florida State University	Chemistry & Biochemistry							
Islamiyat Ojelade (G)	C	Florida State University	Chemistry and Biochemistry							
Ifeoluwa Oyekunle (G)	C	Florida State University	Chemistry							
Erica Truong (G)	C	Florida State University	Chemistry and Biochemistry							
Claudia Awlos (S)	PI	New York University	Chemistry	New York University	US College and University				2	11
Martin Kirk (S)	C	University of New Mexico	Department of Chemistry				Optically induced spin polarization in strongly-coupled chromophore-radical systems studied via transient electron magnetic resonance	Chemistry		
David Shultz (S)	C	North Carolina State University	Chemistry							
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR							
Wen Zhu (S)	PI	Florida State University	Chemistry and Biochemistry	NSF	CHE - Chemistry	CHE2320338			1	2
Lilly Cheek (G)	C	Florida State University	Chemistry and Biochemistry				Dissecting the Reaction Mechanism of Radical SAM Enzymes	Biology, Biochemistry, Biophysics		
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance							
Snorrri Sigurdsson (S)	PI	University of Iceland	Chemistry	NIH	NIH	GM148766			2	8
Satyaki Chatterjee (G)	C	University of Iceland	Department of Chemistry				Improving biradicals for MAS-DNP at high fields: a combined approach of Spin-Dynamics theory, DFT and high-field EPR	Biology, Biochemistry, Biophysics		
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR							
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR							
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology							
Andrew Ozarowski (S)	PI	National High Magnetic Field Laboratory	EMR	No other support					1	25.5
Robert Stanton (O)	C	National High Magnetic Field Laboratory	MSAT - Resistive Magnets				CALIBRATION AND MAINTENANCE OF THE 15/17 T EPR INSTRUMENT	Development of Magnet Technology		
Muniyandi Sankaralingam (S)	PI	National Institute of Technology Calicut	Chemistry	No other support					1	6.5
Malitha Chathuranga Dickwella Widanage (P)	C	National Renewable Energy Laboratory	DOE				Solid State Structural Characterization of Nickel(II) Complexes	Chemistry		
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance							
Ayuelusamy Ramamoorthy (S)	C	Florida State University	Chemical and Biomedical Engineering							



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Andrew Stephen (S)	PI	* Frederick National Laboratory for Cancer Research	Cancer Research Technology Program	NIH	NCI - National Cancer Institute	CA000___	P20918	Using EPR to decipher the mechanistic details of Rapidly Accelerated Fibrosarcoma (RAF)	Biology, Biochemistry, Biophysics	3	20
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR								
Angeliki Giannoulis (S)	C	Weizmann Institute of Science	Chemical and biological physics								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Que Van (S)	C	Frederick National Laboratory for Cancer Research	Cancer Research Technology Program								
Sungsoo WI (S)	PI	National High Magnetic Field Laboratory	NMR	NSF	CHE - Chemistry	CHE2203405	P20931	Solution-State 1H and 19F DNP NMR via Particle-Mediated or Third-Spin-Assisted Cross-Relaxation	Chemistry	1	3
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR								
Lucio Frydman (S)	C	National High Magnetic Field Laboratory	NMR								
Jenica Lumata (P)	C	National High Magnetic Field Laboratory	NMR/CIMAR								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Tomas Orlando (S)	PI	National High Magnetic Field Laboratory	Electron Magnetic Resonance	NSF	CHE - Chemistry	CHE2320338	P20948	Bruker XIQ E580 installation and maintenance	Development of Magnet Technology	1	12
Adam Fiedler (S)	PI	Marquette University	Chemistry	NSF	CHE - Chemistry	CHE2204023	P20972	Probing Magnetic Anisotropy and Exchange Interaction in High-Spin Co and Ni Complexes Supported by Scorpionate Ligands	Chemistry	1	3
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Mykhaylo Ozerov (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science, DC Field CMS								
Joshua Telsler (S)	C	Roosevelt University	Biological, Physical and Health Sciences								
Eugenio Coronado (S)	PI	University of Valencia	Institute of Molecular Science (ICMol)	University of Valencia	Non US College and University		P20993	A Deep-Dive into Decoherence Mechanisms at Conventional and Electro-Nuclear Clock Transitions	Chemistry	1	6.33
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Sherwood Weaver (G)	C	Florida State University	Chemistry								
Xiaoling Wang (S)	PI	California State University, East Bay	Chemistry	DOE	BES - Basic Energy Sciences	DE-SC0025712	P20996	Creating quantum spin liquids by disrupting the magnetic order in conjugated metal-organic nanosheets - high-frequency EMR Investigations	Condensed Matter Physics	1	14
Brittany Grimm (G)	C	Florida State University	Physics	DOE	NNSA - National Nuclear Security Administration	DE-NA0003525					
Manoj Vinayaka Hanabe Subramanya (P)	C	Florida State University	Physics								
Jurek Krzystek (S)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Mohana Shivanna (P)	C	Sandia National Laboratories	Energy Nanomaterials								
Stefan Stoll (S)	PI	University of Washington	Department of Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM151956	P21000	Mechanism and active-site structure of an unusual manganese-dependent enzyme	Biology, Biochemistry, Biophysics	1	3
David Langelaan (S)	C	Dalhousie University	Department of Biochemistry and Molecular Biology								
Andrew Ozarowski (S)	C	National High Magnetic Field Laboratory	EMR								
Jennifer Shepherd (S)	C	Gonzaga University	School of Engineering & Applied Science								
Rachelle Stowell (G)	C	University of Washington	Chemistry								
Srinivasa Rao Singamaneni (S)	PI	University of Texas, El Paso	Physics	NSF	DMR - Division of Materials Research	DMR2105109	P21002	Magnetic anisotropy and exchange interactions in exfoliated layered quasi-2D Actinide (Tb-UT-x3): High Frequency Electron Paramagnetic Resonance Probing.	Condensed Matter Physics	1	1.5
Priscila Rosa (S)	C	Los Alamos National Laboratory	MPA-Q								
Johan van Tol (S)	C	National High Magnetic Field Laboratory	EMR								
Andreas Poppl (S)	PI	* Leipzig University	Felix Bloch Institute of Solid State Physics	No other support			P21007	Probing Adsorption - Induced Local Structural Changes in Metal-Organic Frameworks by EPR Spectroscopy	Condensed Matter Physics	2	10.5
Stephen Hill (S)	C	National High Magnetic Field Laboratory	EMR								
Kavipriya Thangavel (P)	C	Florida State University	Physics								
Sami Jannin (S)	PI	* Claude Bernard University Lyon 1	CRMN	Research Foundation - Flanders FWO	Non US Foundation	12A9C26N	P21018	Broadband Pulsed EPR Observation of Dipolar Line Inversion in Thermal Mixing Conditions	Chemistry	1	4
Thierry Dubroca (S)	C	National High Magnetic Field Laboratory	EMR	European Research Council (ERC)	Non US Foundation	101044726					
Johan van Tol (S)	PI	National High Magnetic Field Laboratory	EMR	No other support			P21020	Creation of facility for photoexcited EPR	Material Science	1	5
Haochuan Mao (S)	C	Florida State University	Chemistry and Biochemistry								
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
Lola Poe (U)	C	Florida State University	College of Arts and Sciences								
Elsa Theodoros (U)	C	Florida State University	College of Arts and Sciences								
Johan van Tol (S)	PI	National High Magnetic Field Laboratory	EMR	No other support			P21090	Upgrades, Maintenance, and Repair	Material Science	1	4
Tomas Orlando (S)	C	National High Magnetic Field Laboratory	Electron Magnetic Resonance								
<b>Total Proposals:</b>									<b>Experiments:</b>	<b>Days:</b>	
52									112	766	

## 2025 MagLab User Proposals

Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Dominique Laroche (S)	PI	University of Florida	Physics	NSF	DMR - Division of Materials Research	DMR2518016	P20507	Coulomb drag of spin-polarized Luttinger liquids at ultra-lowtemperatures - continuation of NHMFL-UCGP due to pandemic	Biology, Biochemistry, Biophysics	1	60
Sadhvikas Addamane (S)	C	Sandia National Laboratories	Center for Integrated Nanotechnologies								
Alexander Donald (G)	C	University of Florida	Physics								
Rasul Gazizulin (S)	C	University of Florida	Physics								
Guillaume Gervais (S)	C	McGill University	Physics department								
Chao Huan (S)	C	University of Florida	Physics								
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics								
Chris Ollmann (T)	C	University of Florida	High B/T								
Nicolas Silva (P)	C	University of Florida	High B/T								
Mingyang Zheng (G)	C	University of Florida	Physics Department								
Allen Scheie (S)	PI	Los Alamos National Laboratory	MPA-Q	DOE	Office of Science	DE-SC0000000	P20517	Quantum spin liquid phase in rare-earth triangular lattice antiferromagnets	Condensed Matter Physics	1	127
Chao Huan (S)	C	University of Florida	Physics								
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics								
Nicolas Silva (P)	C	University of Florida	High B/T								
Vivien Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Rasul Gazizulin (S)	PI	University of Florida	Physics	UCGP			P20605	Enhancing the Temperature Range of the Cryogen-free Dilution Cryostat at High B/T Facility: Assessing the Viability of Copper Powder Demagnetization Technique	Condensed Matter Physics	3	175
Alexander Donald (G)	C	University of Florida	Physics	UCGP		2128556					
Richard Haley (S)	C	University of Lancaster	Physics								
Chao Huan (S)	C	University of Florida	Physics								
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics								
Mark Meisel (S)	C	University of Florida	Department of Physics								
Nicolas Silva (P)	C	University of Florida	High B/T								
Rongying Jin (S)	PI *	University of South Carolina	Department of Physics and Astronomy	NSF	DMR - Division of Materials Research	DMR2128556	P20686	Study on gap symmetry for unconventional superconductivity and nontrivial topology with magnetic field	Condensed Matter Physics	3	118
Alexander Donald (G)	C	University of Florida	Physics								
Daniel Duong (G)	C	University of South Carolina	Department of physics and astronomy								
Rasul Gazizulin (S)	C	University of Florida	Physics								
Chao Huan (S)	C	University of Florida	Physics								
Silu Huang (G)	C	Louisiana State University	Physics								
Sangyun Lee (S)	C	National High Magnetic Field Laboratory	Department of Physics								
Md Shafayat Hossain (S)	PI *	University of California, Los Angeles	Materials Science and Engineering	UCLA startup grant	US College and University		P21021	Superconductivity in kagome materials	Condensed Matter Physics	1	91
Chao Huan (S)	C	University of Florida	Physics								
Eric Yeh (G)	C	University of California, Los Angeles	Material Science and Engineering								
<b>Total Proposals:</b>										<b>Experiments:</b>	<b>Days:</b>
5										9	571

## 2025 MagLab User Proposals

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	Cultrale Juices - FL		P19905	Compositional Changes of Soil Organic Matter in Response to Agricultural Management Practices	Chemistry	1	0.5
Jim Ippolito (S)	C	Colorado State University	Soil and Crop Sciences							
Merritt Logan (G)	C	Colorado State University	Chemistry							
Sylvia Long (U)	C	Florida State University	NHMFL FSU							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Sean Stokes (G)	C	Colorado State University	Soil & Crop Science							
Pankaj Trivedi (S)	C	Colorado State University	Agricultural Biology							
Christine Foreman (S)	PI	Montana State University	Center for Bioluminescence & Dept. of Chemical and Biological Engineering	NASA	80NSSC18K0814	P20175	Opening the black box of glacial carbon cycling—providing fundamental insight into impacts of a changing climate	Biology, Biochemistry, Biophysics	1	3
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	NSF	OPP - Office of Polar Programs	OPP2037953				
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Markus Dieser (G)	C	Montana State University	Environmental Sciences							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Lea Molacek (G)	C	Montana State University	Chemistry and Biochemistry							
Heidi Smith (G)	C	Montana State University	Environmental Sciences							
Madelyne Willis (G)	C	Montana State University	Land Resources and Env Sciences, Center for Bioluminescence							
Yang Lin (S)	PI	University of Florida	Soil and Water Sciences	USDA - Department of Agriculture		P20201	Chemical characterization of water-extractable organic carbon in soils from long-term agricultural systems	Chemistry	1	5
Franky Celestin (G)	C	University of Florida	Department of Soil Sciences	University of Florida	US College and University					
Ryan Champiny (G)	C	University of Florida	Soil and Water Sciences							
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Silvia Cordova (S)	C	University of Nebraska-Lincoln	Agronomy and Horticulture							
Swamali Mahmood (G)	C	University of Florida	Soil, Water, and Ecosystem Sciences							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Christine Sprunger (S)	C	Michigan State University	W.K. Kellogg Biological Station							
Alex Chow (S)	PI	Chinese University of Hong Kong	Earth and Environmental Sciences	DOE	BER - Biological & Environmental Research	DE-SC0023311	Characteristics and Treatability of Pyrogenic Organic Carbon and Nitrogen	Engineering	1	2.33
Jeffery Atkins (S)	C	USDA Forest Service	DOE Savannah River Site	NSF	EAR - Earth Sciences	EAR1852020				
Scott Brooks (S)	C	Oak Ridge National Laboratory	Savannah River Site	National Institute of Food Agriculture Bioenergy	US Government Lab	2020-67019-31002 / 2021-670119-33682				
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	Chinese University of Hong Kong	Earth and Environmental Sciences							
Scott Painter (S)	C	Oak Ridge National Laboratory	ORNL							
Carl Trettin (S)	C	USDA Forest Service	Santee Experimental Forest, SC							
Yuhua Zheng (G)	C	Clemson University	Forestry and Environmental Conservation							
Ayla Sant'Ana da Silva (S)	PI	National Institute of Technology	Biocatalysis Laboratory	Serapiheira Institute	Non US Foundation	Serra-1708-15009	Identification of bioactive fractions of açai (Euterpe oleracea Mart.) seed extract	Chemistry	1	7
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	Coordination for the Improvement of Higher Education Personnel	Non US Foundation	CAPEs, ALUXPE 0415/2016				
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	Carlos Chagas Filho Foundation for Supporting Research in the State of Rio de Janeiro	Non US Foundation	FAPERJ, JCNE-SEI-260003/004754/2021				
Mariana M. G. Mattos (G)	C	National Institute of Technology	Biocatalysis Laboratory	Carlos Chagas Filho Foundation for Supporting Research in the State of Rio de Janeiro	Non US Foundation	E-26/210.694/2021				
Gabriel Rocha Martins (S)	C	University of San Paulo	Department of Pharmacy (FBF)							
Renrong Liang (S)	PI	Princeton University	Department of Geosciences	DOE	BER - Biological & Environmental Research	DE-SC0020369	Microbial degradation of organic carbon and associated greenhouse gas production during long-term warming of intact cores from High Arctic Svalbard, Norway	Chemistry	1	0.5
Martha Aguilera (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Robert Hettich (S)	C	Oak Ridge National Laboratory	Biosciences Division							
Karen Lloyd (S)	C	University of Tennessee, Knoxville	Microbiology							
Devan Nilsson (G)	C	Princeton University	Geosciences							
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR							
Andrew Steen (S)	C	University of Tennessee Space Institute	Microbiology							
Michael Sanko (S)	PI	Thermo Fisher Scientific	R&D	No other support		P20232	Hardware Upgrade to 21T FT-ICR Mass Analyzer	Chemistry	4	133.83
Greg Blakney (S)	C	National High Magnetic Field Laboratory	ICR							
Jesse Canterbury (T)	C	Thermo Fisher Scientific	LSMS R&D							
Nathan Kaiser (S)	C	National High Magnetic Field Laboratory	ICR							
Marek Polak (P)	C	National High Magnetic Field Laboratory	ICR group							
John Quinn (T)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program							
Chad Weissbrod (S)	C	National High Magnetic Field Laboratory	ICR							
Martha Aguilera (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	3.5
Rachel White (U)	C	Florida State University	Chemistry							
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	1.5
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	DOE	BES - Basic Energy Sciences	DE-AC02-76SF00515				
Thomas Borch (S)	C	Colorado State University	Soil and Crop Science	NSF	AFRI - Agriculture and Food Research Initiative	2114868				
Anna Hermes (G)	C	University of Colorado, Boulder	Institute of Arctic and Alpine Research	USDA - Department of Agriculture		.2021-67019034608				
Eve-Lyn Hinckley (S)	C	University of Colorado, Boulder	Cooperative Institute for Research in Environmental Sciences							
Martin Kurek (P)	C	Florida State University	Earth, Ocean, and Atmospheric Science							
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	Comprehensive insights into surfactant dynamics in seawater and the sea surface microlayer of the North Atlantic	Chemistry	2	1.33
Felix Aghlemanno (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							
Puspaa Adhikari (S)	PI	Florida Gulf Coast University	Marine and Earth Sciences	NSF	OCE - Ocean Sciences	OCE2309659	Remineralization effects of enhanced allochthonous dissolved organic matter in the West Florida Shelf impacted by Hurricane Ian	Chemistry	3	4.33
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							
Marlin Smith (G)	C	Florida Gulf Coast University	Marine and Earth Sciences							

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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	3	8
Alyssa Burns (G)	C	University of California, Davis	Land, Air and Water Resources	NASA	80NSSC18K0492					
Jeffrey Charlton (S)	C	Florida State University	Department of Earth, Ocean and Atmospheric Science	NASA	80NSSC22K0152					
Amy Holt (G)	C	Florida State University	EAOS							
Anne Kellerman (S)	C	Florida State University	Earth, Ocean and Atmospheric Science							
Antonio Mannino (S)	C	NASA Goddard Space Flight Center	Ocean Ecology Laboratory							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Madeilyn Miller (G)	C	Rensselaer Polytechnic Institute	Department of Earth and Environmental Sciences							
Alexis Slentz (G)	C	Florida State University	Earth, Ocean, & Atmospheric Sciences							
Harrison Smith (S)	C	NASA Goddard Space Flight Center	Ocean Ecology Laboratory							
Maria Tzortziou (S)	C	City College of New York	Earth and Atmospheric Sciences							
Sasha Wagner (S)	C	Rensselaer Polytechnic Institute	Earth and Environmental Sciences							
Orlane Yvin (G)	C	Florida State University	Earth, Ocean, and Atmospheric Science							
Patricia Medeiros (S)	PI	University of Georgia	Marine Sciences	NSF		P20437	How Does Glacial Melt Affect Dissolved Organic Matter Composition and Transformations in the Amundsen Sea Polynya?	Chemistry	1	5.5
Giovana Bataglion (P)	C	Federal University of Amazonas	Chemistry Department							
Ranallo Castela (S)	C	University of Georgia	Marine Sciences							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Giovanna Utsumi (G)	C	University of Georgia	Marine Sciences							
Thomas Borch (S)	PI	Colorado State University	Soil and Crop Science	CSU ARC-BIO facility		P20439	Assessing biodegradability of water-extracted, burned soil organic matter	Chemistry	3	1.17
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	NSF	SCR_021758					
Claudia Boot (S)	C	Colorado State University	Chemistry	USDA - Department of Agriculture	CHE2114868					
Corey Broeckling (S)	C	Colorado State University	Bioanalysis and Omics Center: Analytical Resources Core	NSF	2021-67019-34608					
Timothy Fegal (S)	C	USDA Forest Service	Rocky Mountain Research Station	NSF	DEB1637686					
Sean Feltrow (P)	C	Colorado State University	Soil and Crop Sciences		DEB2224439					
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Charles Rhoades (S)	C	U.S. Department of Agriculture	Rocky Mountain Research Station							
Holly Roth (G)	C	Colorado State University	Chemistry							
Kye Sparks (G)	C	Colorado State University	Soil and Crop Sciences							
Mike Wilkins (S)	C	Colorado State University	College of Agricultural Sciences							
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	NSF		P20441	El Niño Event Impacts on Organic Matter Export and Composition in the Amazon and Tapajós River	Chemistry	2	5.25
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	NSF	OCE233961					
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance		2333961					
Robert Holmes (S)	C	Unknown	Scientific Staff							
Martin Kurek (P)	C	Florida State University	Earth, Ocean, and Atmospheric Science							
Ali Malik (G)	C	Florida State University	Earth Ocean and Atmospheric Sciences							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Rafael Muniz (G)	C	Federal University of Western Pará	INSTITUTE OF BIODIVERSITY AND FORESTS							
Xuefeng Peng (S)	PI *	University of South Carolina	School of Earth, Ocean and Environment	NSF		P20470	Investigating lignocellulose degradation by salt marsh sediment fungi	Chemistry	2	1.75
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	DOE	508539					
Birch Lazo-Murphy (G)	C	University of South Carolina	School of Earth, Ocean, and Environment							
Lihini Aluwihare (S)	PI *	University of California, San Diego	Scripps Institution of Oceanography	Simons Foundation, SCOPE award to D.J.R.	Other	P20471	Uncovering the chemical composition of the ocean's oldest reservoir of reduced carbon	Chemistry	3	8.33
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	Simons Foundation Life Sciences award to B.N.G.	Other	990989				
Rene Boteau (S)	C	University of Minnesota, Twin Cities	Chemistry	Simons Foundation Life Sciences award to L.I.A.	Other	994973				
Lucia Cancelada (G)	C	Scripps Institution of Oceanography	Scripps Institution of Oceanography							
Benjamin Granzow (P)	C	Scripps Institution of Oceanography	Geosciences Research Division							
Irina Koester (G)	C	Scripps Institution of Oceanography	Scripps Institution of Oceanography							
Daniel Repeta (S)	C	Woods Hole Oceanographic Institution	Marine Chemistry							
Kathleen Rutenberg (S)	PI *	University of Hawaii	Oceanography	NSF	OCE1756337	P20473	Using ultra-high-resolution MS to probe the molecular composition of aquatic dissolved organic phosphorus	Chemistry	3	4
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	NSF	OCE1756964					
Sonya Dyhrman (S)	C	Columbia University	Earth and Environmental Science							
Sheean Haley (T)	C	Columbia University	LDEO							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Ellen Laik (P)	PI *	U.S. Geological Survey (Headquarter)	Woods Hole Coastal and Marine Science Center	NSF	OCE2049517	P20489	Transformations of methane-labeled and petroleum-labeled seep-DOC in marine bottomwaters of the Cascadia Margin	Chemistry	1	0.67
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	USGS						
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
John Pohman (S)	C	U.S. Geological Survey (Headquarter)	Woods Hole Coastal & Marine Science Center							
Brice Bouyssiere (S)	PI	University of Pau and the Adour Region	IPREM	DOE		P20493	Molecular characterization of lignocellulosic pyrolysis bio-oils and their solubility-separated fractions.	Chemistry	2	8
Carlos Afonso (S)	C	Normandy University	Chemistry	NSF	DMR128556					
Martha Aguilera (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
David Dayton (T)	C	Research Triangle Institute International	Biofuels							
German Gascon (T)	C	University of Pau and the Adour Region	IPREM							
Pierre Guasti (S)	C	TotalEnergies	OneTech DPP							
Caroline Mangote (S)	C	TotalEnergies	Research & Technology							
Charlotte Mase (G)	C	University of Rouen	Seine maritime							
Winston Robbins (T)	C	Win Consulting Services	Petroleum Separations							
Ryan Rodgers (S)	C	National High Magnetic Field Laboratory	ICR							
Christopher Rueger (S)	C	University of Rostock	Interdisciplinary Faculty, Department Life, Light & Matter							
Wladimir Ruiz (G)	C	Institute of Analytical Sciences and Physical Chemistry for the Environment and Materials	IPREM							
German Salvato Valverde (S)	C	University De Pau Et Des Pays De L'adour	IC2MC							
Alvaro Yello Rodriguez (U)	C	Florida State University	Computer Science/ Statistics							
Natalia Malina (P)	PI	Auburn University	Geosciences	No other support		P20494	Analyzing larger molecular weight fractions of DOM by 21 T FT-ICR MS	Chemistry	1	12.5
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Ann Ojeda (S)	C	Auburn University	Geosciences							

## 2025 MagLab User Proposals

Participants (Name, Role, Org., Dept.)		Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Jon Hawkins (S)	PI University of Pennsylvania	Earth and Environmental Science	NSF	PLR - Division of Polar Programs	2232980	Seasonal and spatial trends in the dissolved organic matter of glacial meltwater and glacier-fed fjords	Biology, Biochemistry, Biophysics	3	5.5
Lydia Babcock-Adams (P)	C National High Magnetic Field Laboratory	CIMAR, ICR	NSF	DEB1145932					
Evyn Doting (P)	C University of Pennsylvania	Earth and Environmental Science	ERC Synergy Grant DEEP Purple	856416					
Jade Hutton (P)	C Charles University, Prague, Czechia	Department of Ecology	Aarhus University Research Foundation	AUFF-2018	9096-00101B				
Amy Holt (G)	C Florida State University	EAOS	Danish Agency for Science and Higher Education						
Leah Hopf (U)	C University of Pennsylvania	Earth and Environmental Science	Helmholtz Recruiting Initiative		1-044-16-01				
Anne Kellerman (S)	C Florida State University	Earth, Ocean and Atmospheric Science							
Petra Klírmová (P)	C Charles University, Prague, Czechia	Ecology							
Emma Kock (G)	C University of Pennsylvania	Earth & Environmental Sciences							
Guillaume Lamarche-Gagnon (P)	C UiT, The Arctic University of Norway	IG - Geosciences							
Carl Lamborg (S)	C University of California, Santa Cruz	Ocean Science							
David McCabe (U)	C University of Pennsylvania	Earth and Environmental Science							
Amy McKenna (S)	C National High Magnetic Field Laboratory	ICR							
Robert Spencer (S)	C Florida State University	Earth, Ocean & Atmospheric Science							
Anna Stehner Polášková (G)	C Charles University, Prague, Czechia	Department of Ecology							
Mark Stibal (S)	C Charles University, Prague, Czechia	Department of Ecology							
Jemima Wadham (S)	C UiT, The Arctic University of Norway	Department of Geoscience							
Jacob Yde (S)	C Western Norway University of Applied Sciences	Department of Environmental Sciences							
Amina Youssef (G)	C University of Pennsylvania	Earth and Environmental Sciences							
Jakub Zaráský (P)	C Charles University, Prague, Czechia	Department of Ecology							
Trinity Hamilton (S)	PI * University of Minnesota, Twin Cities	Plant and Microbial Biology	No other support			Novel Insights from Beneath the Greenland Ice Sheet: Seasonal and Spatial Controls on CH <sub>4</sub> Production and Oxidation	Chemistry	1	0.83
Lydia Babcock-Adams (P)	C National High Magnetic Field Laboratory	CIMAR, ICR							
Jaei Barker (S)	C University of Minnesota, Twin Cities	Earth and Environmental Science							
Christopher Hansen (G)	C University of Minnesota, Twin Cities	Plant and Microbial Biology							
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	OCE2123402	The effects of soil organic matter composition on DOM adsorption by iron oxides in the rice rhizosphere	Chemistry	3	2.33
Lydia Babcock-Adams (P)	C National High Magnetic Field Laboratory	CIMAR, ICR	NSF	OCE - Ocean Sciences	OCE2148471				
Huan Chen (S)	C National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Samuel Katz (P)	C University of Delaware	School of Marine Science and Policy							
Franklin Linam (G)	C University of Delaware	Plant and Soil Science							
Amy McKenna (S)	C National High Magnetic Field Laboratory	ICR							
Angelia Seyflerth (S)	C University of Delaware	Plant and Soil Sciences							
Alexandre Shvartsburg (S)	PI Wichita State University	Chemistry and Biochemistry	NSF	CHE - Chemistry	CHE2105182	Evaluation of High-Definition FAIMS on the 21 Tesla FTICR Platform	Chemistry	2	12
Steven DeFiglia (P)	C Florida State University	ICR							
Hayden Thurman (G)	C Wichita State University	Chemistry and Biochemistry							
Chad Weisbrod (S)	C National High Magnetic Field Laboratory	ICR							
Jared Kalfeder (S)	PI Northwestern University	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM108569	High Resolution and Charge Detection Studies Utilizing the FT-ICR Platform	Chemistry	2	8.33
Ryan Fellers (S)	C Northwestern University	Departments of Chemistry and Molecular Biosciences and the Proteomics Center of Excellence							
Nickolas Fisher (G)	C Northwestern University	Chemistry							
Michael Hollas (T)	C Northwestern University	Proteomics Center of Excellence							
Neil Kelleher (S)	C Northwestern University	Department of Biochemistry, Molecular Biology, and Cell Biology							
Chad Weisbrod (S)	C National High Magnetic Field Laboratory	ICR							
Gert Hensgens (P)	PI * Vrije Universiteit	Earth and Climate	Vrije Universiteit Amsterdam	Non US College and University		Methane production from organic matter in Arctic environments: the link between dissolved organic chemistry and methane fluxes	Chemistry	3	2
Lydia Babcock-Adams (P)	C National High Magnetic Field Laboratory	CIMAR, ICR							
Amy Holt (G)	C Florida State University	EAOS							
Anne Kellerman (S)	C Florida State University	Earth, Ocean and Atmospheric Science							
Amy McKenna (S)	C National High Magnetic Field Laboratory	ICR							
Robert Spencer (S)	C Florida State University	Earth, Ocean & Atmospheric Science							
Jorien Vonk (S)	C Utrecht University	Earth Sciences/Geochemistry							
Thomas Manning (S)	PI Valdosta State University	Chemistry	National Institute of Allergy and Infectious Disease	Other	75N93018D00016	High Mass/Charge Accuracy Study for new Cancer Drugs, Antibiotics, and Neurological Drugs	Biology, Biochemistry, Biophysics	1	1
Huan Chen (S)	C National High Magnetic Field Laboratory	Ion Cyclotron Resonance	National Institute of Allergy and Infectious Disease	Other	75N93023F00001				
Joseph Frye-Jones (P)	C Woods Hole Oceanographic Institution	Marine Chemistry and Geochemistry	In kind services (NIH tested dozens of our compounds). On going for over a decade (ex. 24 compounds tested at NCI).	Other					
Amy McKenna (S)	C National High Magnetic Field Laboratory	ICR							
Mirabel Akongwi (S)	PI * University of Buea	Organic Chemistry	No other support			Search for novel compounds from a Cameroonian medicinal plants <i>Garcinia brevipedicellata</i> (Clusiaceae), <i>Psorospermum guineense</i> and <i>Garcinia mannii</i> , in vitro and in vivo molluscicidal anti-schistosomal evaluation	Biology, Biochemistry, Biophysics	1	0.5
Lisa Anderson (S)	C National High Magnetic Field Laboratory	ICR							
Huan Chen (S)	PI National High Magnetic Field Laboratory	Ion Cyclotron Resonance	NSF	OCE - Ocean Sciences	OCE1948758				
Binda Andongma (G)	C Florida Agricultural and Mechanical University	Environmental Science							
Lydia Babcock-Adams (P)	C National High Magnetic Field Laboratory	CIMAR, ICR							
Grisel Fierros Romero (P)	C Florida Agricultural and Mechanical University	School of the environment							
Brittany Lindsay (G)	C Florida Agricultural and Mechanical University	School of the Environment							
Henry Williams (S)	C Florida Agricultural and Mechanical University	School of the Environment							



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Participants (Name, Role, Org., Dept.)				Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	Belmont-Forum	Other	P20743	An Ecosystem Ebb? Assessing the bioavailability of an organic carbon and nutrient repository within Western Siberian lowland peat ice using FT-ICR MS	Chemistry	3	8.5
James Anderson (G)	C	Florida State University	Earth, Ocean, Atmospheric Science							
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Eva Doring (P)	C	University of Pennsylvania	Earth and Environmental Science							
Geert Hensgens (P)	C	Vrije Universiteit	Earth and Climate							
Martin Kurek (P)	C	Florida State University	Earth, Ocean, and Atmospheric Science							
Ali Malik (G)	C	Florida State University	Earth Ocean and Atmospheric Sciences							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Alexis Sientz (G)	C	Florida State University	Earth, Ocean, & Atmospheric Sciences							
Orlane Yvnn (G)	C	Florida State University	Earth, Ocean, and Atmospheric Science							
Robert Spencer (S)	PI	Florida State University	Earth, Ocean & Atmospheric Science	NSF	DEB - Division of Environmental Biology	DEB1545288	Investigating Dissolved Organic Matter (DOM) Persistence Across Land-to-Ocean Gradients in High-Latitude, Temperate and Sub-Tropical Regions	Chemistry	2	7.5
John Kominoski (S)	C	Florida International University	Biological Sciences							
James McClelland (S)	C	Marine Biological Laboratory	Ecosystems Center							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Orlane Yvnn (G)	C	Florida State University	Earth, Ocean, and Atmospheric Science							
Colin Ward (S)	PI	Woods Hole Oceanographic Institution	Department of Marine Chemistry and Geochemistry	US Coast Guard Oil Spill Center of Excellence	Other US Federal Agency	P20748	Towards a predictive understanding of crude oil photo-oxidation in the visible light region.	Engineering	2	10
Martha Aguilera (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Joseph Frye-Jones (P)	C	Woods Hole Oceanographic Institution	Marine Chemistry and Geochemistry							
Kristina Hakansson (S)	PI	National High Magnetic Field Laboratory	Ion Cyclotron Resonance	NSF	CHE - Chemistry	CHE2404064	Remaining Unknowns in Ion-Electron Reactions for Tandem Mass Spectrometry	Chemistry	4	76.5
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR							
Steven DeFiglia (P)	C	Florida State University	ICR							
Nathan Kaiser (S)	C	National High Magnetic Field Laboratory	ICR							
Neven Mikaway (P)	C	National High Magnetic Field Laboratory	Chemistry and Biochemistry							
Daniel Repeta (S)	PI	Woods Hole Oceanographic Institution	Marine Chemistry	NSF	OCE - Ocean Sciences	OCE2045223	Spectral characterization of trace metal-ligands in seawater	Chemistry	1	2
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	NSF	OCE - Ocean Sciences	OCE2048510				
Rene Boiteau (S)	C	University of Minnesota, Twin Cities	Chemistry	NSF	OCE - Ocean Sciences	OCE2422713				
Jingxuan Li (S)	C	Woods Hole Oceanographic Institution	Watson Laboratory	NSF	OCE - Ocean Sciences	OCE2410011				
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Julia Streanga (G)	C	Woods Hole Oceanographic Institution	Marine Chemistry and Geochemistry							
Jens Bielevoegel (S)	PI	Commonwealth Scientific and Industrial Research Organization	Environment	DOD	ER - Environmental Research Program	ER21-3550	High-Field 21 Tesla FT-ICR Mass Spectrometry for Forensic Identification of PFAS	Chemistry	4	26.33
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR	DOD	ER - Environmental Research Program	ER20-1265				
William Bahureksa (P)	C	New Mexico State University, Main Campus	Chemistry	DOD	ER - Environmental Research Program	ER-2718				
Fuhar Datt (P)	C	University of California, Berkeley	Civil and Environmental Engineering							
Christopher Higgins (S)	C	Colorado School of Mines	Civil and Environmental Engineering							
Emily Hughes (U)	C	Florida State University	Ion Cyclotron Resonance							
John Komuc (S)	C	U.S. Naval Research Laboratory	Emerging contaminants, site characterization							
Sylvia Long (U)	C	Florida State University	NHMFL FSU							
Wenchao Lu (S)	C	Commonwealth Scientific and Industrial Research Organization	Environment							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Hamidreza Sharifan (P)	C	Colorado State University	Civil and Environmental Engineering							
Hamidreza Sharifan (S)	C	University of Texas, El Paso	Chemistry and Biochemistry							
Robert Young (S)	C	Commonwealth Scientific and Industrial Research Organization	CSIRO Environment							
Luis González López (P)	PI *	University of Antioquia	Chemistry	Coloencias, Universidad de Antioquia	Other	P20792	Advanced Metabolite Profiling of Eucalyptus tereternis Extracts Using 21T FT-ICR MS for Metabolic Health Applications	Biology, Biochemistry, Biophysics	1	2
Martha Aguilera (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Norman Balcazar (S)	C	University of Antioquia	Physiology and Biochemistry							
Jagos Radovic (S)	PI *	University of Houston	Earth and Atmospheric Sciences	No other support		P20793	21T FT-ICR MS Analysis of Organic Matter Transformation during Hydrous Pyrolysis of Coal: Insights into Oil and Water Solubles Generation	Biology, Biochemistry, Biophysics	1	3
Martha Aguilera (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Poorna Srinivasan (G)	C	University of Houston	Earth and Atmospheric Sciences							
Boniek Gontijo Vaz (S)	PI *	Federal University of Goiás	Chemistry	No other support		P20794	Comprehensive Analysis of Nitrogen and Oxygen-containing Compounds in Bio-oils, Diesel R, and Produced Waters using 21 T FT-ICR MS	Biology, Biochemistry, Biophysics	1	10
Martha Aguilera (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Deborah Victória de Aguiar (P)	C	Federal University of Goiás	Chemistry Institute							
Iris Medeiros Junior (S)	C	Cenpes Petrobras R&D Centre	R&D - Chemistry Division							
Markus Huettel (S)	PI	Florida State University	Earth, Ocean & Atmospheric Sciences	NSF	OCE - Ocean Sciences	OCE2049177	Using the Molecular Signatures of Sargassum Leachates to Decipher Their Role in the Cycles of Carbon and Nutrients in the Gulf of Mexico	Biology, Biochemistry, Biophysics	1	2
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Eva Mustan (G)	C	Florida State University	EOAS							
Alexis Sientz (G)	C	Florida State University	Earth, Ocean, & Atmospheric Sciences							
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science							
Sommer Starr (P)	PI *	Trent University	Environmental Science	No other support		P20813	Linking lake geochemistry to ecological function across a North American climate gradient	Biology, Biochemistry, Biophysics	1	5
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIMAR, ICR							
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
Robert Spencer (S)	C	Florida State University	Earth, Ocean & Atmospheric Science							
Andrew Tanentzap (S)	C	Trent University	School of the Environment							
Chad Weisbrod (S)	PI	National High Magnetic Field Laboratory	ICR	NSF	DMR - Division of Materials Research	DMR2128556	Instrument Software/Hardware Upgrade and Maintenance/Repair	Chemistry	3	56.83
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							
Huan Chen (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance							
Christopher Hendrickson (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program							
Nathan Kaiser (S)	C	National High Magnetic Field Laboratory	ICR							
Amy McKenna (S)	C	National High Magnetic Field Laboratory	ICR							
John Quinn (T)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program							
Mariek Potak (P)	PI *	National High Magnetic Field Laboratory	ICR group	No other support		P20818	Studying changes in gas-phase protein structure pre/post ion-ion reaction via tandem MS	Biology, Biochemistry, Biophysics	4	24.83
Lissa Anderson (S)	C	National High Magnetic Field Laboratory	ICR	NSF	DMR - Division of Materials Research	DMR2128556				
Chad Weisbrod (S)	C	National High Magnetic Field Laboratory	ICR							



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Helen Cooper (S)	PI *	University of Birmingham	School of Biosciences	Philanthropic donation to PI's research programme	Other	P20995	Probing SOD1 metal deficiency in amyotrophic lateral sclerosis	Biology, Biochemistry, Biophysics	1	3			
Lisa Anderson (S)	C	National High Magnetic Field Laboratory	ICR										
Joseph Beckman (S)	C	Oregon State University	Linus Pauling Institute										
Kristina Hakansson (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance										
Oliver Hale (P)	C	University of Birmingham	School of Biosciences										
Christopher Hendrickson (S)	C	National High Magnetic Field Laboratory	Ion Cyclotron Resonance Program										
Richard Mead (S)	C	University of Sheffield	Neuroscience										
Chad Weissbrod (S)	C	National High Magnetic Field Laboratory	ICR										
Samuel Katz (P)	PI *	University of Delaware	School of Marine Science and Policy	NSF	OCE - Ocean Sciences	OCE2148471	DOM characterization of hydrothermal vent fluid and plume water from the East Pacific Rise 9° 50' N site	Chemistry	1	1			
Lydia Babcock-Adams (P)	C	National High Magnetic Field Laboratory	CIHAR, ICR										
Andrew Wozniak (S)	C	University of Delaware	School of Marine Science and Policy										
<b>Total Proposals:</b>									<b>69</b>	<b>Experiments:</b>	<b>117</b>	<b>Days:</b>	<b>652</b>



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Dominik Zehender (G)	PI	Heidelberg University	Computer Assisted Clinical Medicine	German Research Foundation	Non US Foundation	7100643	Chemotherapy-specific Response Assessment in Cancer Cells Using a Microarray-Array-Based Bioreactor System and Sodium Triple-Quantum MR Signal	Biology, Biochemistry, Biophysics	5	14
Eric Cottrill (S)	C	Karlsruhe Institute of Technology	Institute for Biological Interfaces (IBG 5)			P20176				
Samuel Grant (S)	C	National High Magnetic Field Laboratory	CIMAR							
Dennis Kleinmaier (G)	C	Heidelberg University	Computer Assisted Clinical Medicine							
Cathy Levenson (S)	C	Florida State University	Biomedical Sciences							
Simon Reichert (G)	C	Heidelberg University	Medical Faculty Mannheim							
Lothar Schäd (S)	C	Heidelberg University	Computer Assisted Clinical Medicine							
Jochen Autschbach (S)	PI	University of Buffalo	Chemistry	DOE	BES - Basic Energy Sciences	DE-SC0022310	Unraveling the Mysteries of the Platinum Group Elements with Solid-State NMR Spectroscopy and Quantum Chemical Calculations	Chemistry	31	110
Dominic Chandra (G)	C	Florida State University	Department of Chemistry & Biochemistry			P20231				
Sean Holmes (G)	C	Florida State University	NMR-MRUS							
James Kimball (G)	C	Florida State University	Chemistry							
Adam Phillips (P)	C	University of Buffalo	Chemistry							
Robert Schurko (S)	C	Florida State University	Chemistry							
Robert Smith (G)	C	Florida State University	Chemistry and Biochemistry							
Sara Termos (G)	C	Florida State University	Department of Chemistry and Biochemistry							
Lilija Vugmeister (S)	PI	University of Colorado, Denver	Chemistry	NIH	NIHMS - National Institute of General Medical Sciences	GM111681	Characterization of water dynamics in the hydration layers of protein systems and soils using quadrupolar nuclei solid-state NMR methods	Biology, Biochemistry, Biophysics	9	18
Sean Holmes (G)	C	Florida State University	NMR-MRUS	NIH	NIHMS - National Institute of General Medical Sciences	1R15GM157635-01A1				
Dmitry Ostrovsky (S)	C	University of Colorado, Denver	Mathematics							
Zhuhua Jiang (S)	PI	Auburn University	Chemical Engineering	USDA - Department of Agriculture		G00013538	Investigating interactions between biomolecules in cellulose-based materials using <sup>13</sup> C - 1H solid-state NMR	Biology, Biochemistry, Biophysics	54	262
Jiaxing Fan (G)	C	Florida State University	Chemistry and Biochemistry			P20306				
Yan-Yan Hu (S)	C	Florida State University	Chemistry & Biochemistry							
Erica Truong (G)	C	Florida State University	Chemistry and Biochemistry							
Hongji Zhang (P)	C	Florida State University	Chemistry and Biochemistry Department							
Ryan Chiswick (S)	PI	Colorado School of Mines	Metallurgical and Materials Engineering	DOE	EFRC - Energy Frontier Research Centers	DE-SC0023450				
Megan Burrill (G)	C	Northwestern University	Materials Science and Engineering			P20313				
Sossina Hale (S)	C	Northwestern University	Materials Science and Engineering, and Chemistry							
Yan-Yan Hu (S)	C	Florida State University	Chemistry & Biochemistry							
Mahinur Islam (G)	C	Florida State University	Chemistry and Biochemistry							
Bright Ogboju (G)	C	Florida State University	Chemistry							
Islamiyat Ojelade (G)	C	Florida State University	Chemistry and Biochemistry							
Ifekwue Oyekunle (G)	C	Florida State University	Chemistry							
Yewon Shin (P)	C	Colorado School of Mines	Metallurgical and Materials Engineering							
Erica Truong (G)	C	Florida State University	Chemistry and Biochemistry							
Geoffrey Strouse (S)	PI	National High Magnetic Field Laboratory	Chemistry	NSF	DMR - Division of Materials Research	DMR1905757	Multinuclear solid-state NMR investigation of plasmonic and photoluminescent nanocrystals	Chemistry	13	31
Sophie Boglaev (G)	C	Florida State University	Chemistry and Biochemistry			P20318				
Raul Ortega (G)	C	Florida State University	Chemistry & Biochemistry							
Ali Pazoki (G)	C	Florida State University	Chemistry							
Robert Schurko (S)	C	Florida State University	Chemistry							
Robert Smith (G)	C	Florida State University	Chemistry and Biochemistry							
Armi Venkatesh (S)	PI	University of Virginia	Department of Chemistry	No other support			Sensitivity-Enhanced Solid-State NMR at High Magnetic Fields using Fast Magic Angle Spinning and Dynamic Nuclear Polarization	Chemistry	9	37
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR			P20323				
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMF							
Shubha Gunaga (P)	C	National High Magnetic Field Laboratory	NMR							
Thomas Gunnoe (S)	C	University of Virginia	Chemistry							
Sean Holmes (G)	C	Florida State University	NMR-MRUS							
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR							
Elizabeth Johnson (G)	C	University of Virginia	Chemistry							
Charles Machan (S)	C	University of Virginia	Chemistry							
Samuel Grant (S)	PI	National High Magnetic Field Laboratory	CIMAR	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS102395	23Na MRI of Ischemic Stroke Under Stem Cell Therapy	Biology, Biochemistry, Biophysics	20	30
Arshia Arbabian (G)	C	Florida State University	Chemical & Biomedical Engineering			P20462				
Jamini Bhagu (G)	C	Florida State University	Chemical ENG							
Hannah Bryant (G)	C	Florida State University	Chemical and Biomedical Engineering at the College of Engineering							
Dayna Richter (G)	C	Florida State University	Chemical & Biomedical Engineering							
Ayulksamy Ramamoorthy (S)	PI	Florida State University	Chemical and Biomedical Engineering	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK011322				
Shubha Gunaga (P)	C	National High Magnetic Field Laboratory	NMR			P20468				
Fredrick Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR							
Wai Qiang (S)	C	State University of New York, Binghamton	Chemistry							
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology							
Feng Lin (S)	PI	Virginia Polytechnic Institute and State University	Chemistry	NSF	DMR - Division of Materials Research	DMR2045570	Probing thermally induced evolution of atomic distribution in Li-excess disordered rocksalt cathode materials	Material Science	2	3
Changgyu Seok (G)	C	Virginia Polytechnic Institute and State University	Chemistry			P20482				
Sungsoo Wi (S)	C	National High Magnetic Field Laboratory	NMR							
Xiaolin Li (S)	PI	Pacific Northwest National Laboratory	energy and environment	DOE	Other	DE-AC05-76RL01830	Understanding the role of Li substitution in layered oxide cathode materials for Sodium- ion batteries	Chemistry	21	110
Yan-Yan Hu (S)	C	Florida State University	Chemistry & Biochemistry			P20484				
Mahinur Islam (G)	C	Florida State University	Chemistry and Biochemistry							
Yongkang Jin (G)	C	Florida State University	Chemistry and Biochemistry							
Islamiyat Ojelade (G)	C	Florida State University	Chemistry and Biochemistry							
Pawan Ojha (G)	C	Florida State University	Chemistry and Biochemistry							
Fredrick Omene (G)	C	Pacific Northwest National Laboratory	energy and environment							
Ifekwue Oyekunle (G)	C	Florida State University	Chemistry							
Bradley Chmelka (S)	PI	University of California, Santa Barbara	Department of Chemical Engineering	BASF			Characterization of Quadrupolar <sup>43</sup> Ca, <sup>25</sup> Mg, and <sup>27</sup> Al Nuclei in Nanostructured Solids	Engineering	1	7
Alyssa McNamey (G)	C	University of California, Santa Barbara	Chemical Engineering	Chevron						
Anna Fischer (G)	C	University of California, Santa Barbara	Chemical Engineering	DOD	ARO - Army Research Office	W911NF-19-2-0026				
				NSF	DMR - Division of Materials Research	DMR2308708				

## 2025 MagLab User Proposals

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used	
Snorri Sigurdsson (S)	PI	University of Iceland	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM148766	P20530	Improving radicals for MAS-NMR at high field: a combined approach of Spin-Dynamics theory, DFT and high-field EPR	Biology, Biochemistry, Biophysics	1	5
Satyaki Chatterjee (G)	C	University of Iceland	Department of Chemistry	Other Non US Federal Agency	239662						
Shubha Gunaga (P)	C	National High Magnetic Field Laboratory	NMR	European Union's Horizon 2020 research and innovation programme	101008500						
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR				P20549	Membrane Interactions of LCG for LCG-Phosphatidylethanolamine (PE) Conjugation and Phospholipid Expansion during Autophagy	Biology, Biochemistry, Biophysics	3	14
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Ancy Wilson (G)	C	University of Iceland	Chemistry								
Fang Tian (S)	PI	Pennsylvania State University	Biochemistry and Molecular Biology	NIH	NIGMS - National Institute of General Medical Sciences	GM127730	P20550	Solid-state NMR Characterization of Local Environments of Framework Halides in MOFs at Ultrahigh Magnetic Field	Chemistry	10	75.5
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR	Four Diamonds Fund Research Program	4D21_2024_1001						
Yining Huang (S)	PI	University of Western Ontario	Chemistry	Western University							
Tahereh Asizwahed (G)	C	University of Western Ontario	Chemistry	NSERC of Canada			P20552	Development of Novel NMR Techniques for Studies at High Magnetic Fields and under Fast Magic-Angle Spinning: Utilization of 1H-detection and Natural 13C Abundance	Biology, Biochemistry, Biophysics	12	55
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMF								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Shuting Li (G)	C	University of Western Ontario	Chemistry				P20556	Efficacy of Stem Cell-Derived Therapy for Stroke Evaluated by Ultra-High Field MRI/S	Biology, Biochemistry, Biophysics	38	52
Jing-Song Wang (G)	C	University of Western Ontario	Chemistry								
Jabin Xu (G)	C	University of Western Ontario	Chemistry								
Wanli Zhang (G)	C	University of Western Ontario	Chemistry				P20584	Noninvasive Imaging of DNA Methylation in Rodent Brains using Epigenetic MRI	Engineering	13	15
Sungsoo Wi (S)	PI	National High Magnetic Field Laboratory	NMR	No other support							
Ercan Cakmak (S)	C	Oak Ridge National Laboratory	Materials Science and Technology	NSF	CHE - Chemistry	CHE2203405					
Narweel Dawesi (G)	C	Centre of Biomedical Research	Advanced Spectroscopy and Imaging				P20590	Formation and Degradation of Microplastic under Simulated Environmental Conditions	Chemistry	1	10
Lucio Frydman (S)	C	National High Magnetic Field Laboratory	NMR								
Riqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Jian Hou (P)	C	Dankook University	Energy Engineering				P20593	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Taigu Joo (G)	C	Massachusetts Institute of Technology	Chemical Engineering								
Samuel Kaser (G)	C	Massachusetts Institute of Technology	Chemical Engineering								
Tae Hoon Lee (G)	C	Massachusetts Institute of Technology	Chemical Engineering				P20596	Measurement of 31P-13C distances for a membrane-associated protein under DNP conditions	Biology, Biochemistry, Biophysics	1	5
Jun Hyun Lim (G)	C	Dankook University	Energy Engineering Department								
Junica Lumata (P)	C	National High Magnetic Field Laboratory	NMR/CIMAR								
Bijaylaxmi Patra (G)	C	Centre of Biomedical Research	Department of Advanced Spectroscopy and Imaging				P20600	Dynamics and characterization of cluster formation via inhomogeneous NMR spectroscopy	Engineering	1	1
Ayyalaxmy Ramamoorthy (S)	C	Florida State University	Chemical and Biomedical Engineering								
Matthew Ryder (S)	C	Oak Ridge National Laboratory	Materials Science and Technology Division								
Neeraj Sinha (S)	C	Centre of Biomedical Research	Advanced Spectroscopy and Imaging				P20646	Developing functional magnetic resonance imaging: Enhancing Spatial and Temporal Resolution in Ultra-High Field MRI with 2.1 T Testa (500 MHz)	Biology, Biochemistry, Biophysics	5	15
Zachary Smith (S)	C	Massachusetts Institute of Technology	Chemical Engineering								
Wan-Ni Wu (G)	C	Massachusetts Institute of Technology	Chemical Engineering								
Jing Ying Yao (G)	C	Massachusetts Institute of Technology	Chemical Engineering				P20660	Rare Earth Initiative/gypsum project	Other	1	1
Samuel Grant (S)	PI	National High Magnetic Field Laboratory	CIMAR	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS102395					
Arshia Arbabian (G)	C	Florida State University	Chemical & Biomedical Engineering	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS115490					
Jamini Bhagu (G)	C	Florida State University	Chemical ENG				P20690	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Bruce Bunnell (S)	C	Tulane University	Pharmacology								
Hedi Matoussi (S)	C	Florida State University	Chemistry & Biochemistry								
Jeff Procidia (G)	C	Florida State University	Chemistry & Biochemistry				P20693	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Fan Lam (S)	PI	University of Illinois at Urbana-Champaign	Bioengineering	NIH	NIGMS - National Institute of General Medical Sciences	GM142969					
Arshia Arbabian (G)	C	Florida State University	Chemical & Biomedical Engineering	Chan Zuckerberg Biohub Chicago leadership grant							
Samuel Grant (S)	C	National High Magnetic Field Laboratory	CIMAR				P20696	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Anamika Roy (G)	C	Florida State University	Chemical & Biomedical Engineering								
Juergen Senker (S)	PI	University of Bayreuth	Inorganic Chemistry III	Eitenetzwerk Bayern	Other	Elite Study Program Macromolecular Science					
Pierre Florian (S)	C	French National Center for Scientific Research	CEMTHI	European reseach consortium	Other	101008500	P20699	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Shubha Gunaga (P)	C	National High Magnetic Field Laboratory	NMR								
Anika Mauer (G)	C	University of Bayreuth	Inorganic Chemistry III								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR				P20700	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology								
Aaron Rossini (S)	PI	Iowa State University	Chemistry	Genentech, Inc.		No number					
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMF				P20703	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Jaashan Mi (G)	C	Iowa State University	Chemistry								
Amrit Venkatesh (S)	C	University of Virginia	Department of Chemistry								
Kendra Frederick (S)	PI	University of Texas, Southwestern	Biophysics	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS134921	P20706	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Shoyab Ansari (P)	C	University of Texas, Southwestern	Biophysics								
Rania Dumarieh (T)	C	University of Texas Southwestern Medical Center	Biophysics								
Shubha Gunaga (P)	C	National High Magnetic Field Laboratory	NMR				P20709	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Dominique Legasca (G)	C	University of Texas, Southwestern	Biophysics								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology				P20712	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Hadi Mohammadigoushki (S)	PI	Florida State University	Chemical and Biomedical Engineering	Rare Earth Initiative/gypsum project	Other						
Jamel Ali (S)	C	Florida Agricultural and Mechanical University	Chemical and Biomedical Engineering								
Samuel Grant (S)	C	National High Magnetic Field Laboratory	CIMAR				P20715	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Munir Humayun (S)	C	National High Magnetic Field Laboratory	Earth, Ocean and Atmospheric Science								
Aidan Lowery (G)	C	Florida State University	Chemical and Biomedical Engineering								
Peter Rassolov (P)	C	Florida State University	Chemical and Biomedical Engineering				P20718	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Theo Siegrat (S)	C	National High Magnetic Field Laboratory	Chemical and Biomedical Engineering								
Shinho Cho (S)	PI	National High Magnetic Field Laboratory	NMR-MRI	No other support		Shinho Cho Start-up 9107					
Lucio Frydman (S)	C	National High Magnetic Field Laboratory	NMR				P20721	Structure Determination of Inorganic Materials by High-Resolution Solid-State NMR Spectroscopy of Quadrupolar Nuclei	Biology, Biochemistry, Biophysics	1	3
Samuel Grant (S)	C	National High Magnetic Field Laboratory	CIMAR								
Kara Lane-lightfoot (U)	C	Florida State University	Chemistry								

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Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used	
Aayalamsy Ramamoorthy (S)	PI	Florida State University	Chemical and Biomedical Engineering	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK132214	Structural Elucidation of Biological Macromolecules Using Novel Nanodisks and Solid-State NMR Spectroscopy	Biology, Biochemistry, Biophysics	28	259	
Nazifa Tasnim Ahmad (G)	C	Florida State University	Chemical and Biomedical Engineering								
Ehud Gazit (S)	C	Tel-Aviv University	Life Sciences Faculty								
Mi Hee Lim (S)	C	Korea Advanced Institute of Science & Technology	Chemistry								
Sam McCaig (P)	C	Florida State University	Biomedical Engineering								
Cletus Obi (G)	C	Florida State University	Chemical and Biomedical Engineering								
Md Rokoujjaman (P)	C	National High Magnetic Field Laboratory	NMR								
Jhinuk Saha (P)	C	National High Magnetic Field Laboratory	NMR- College of Engineering								
Myungwon Lee (S)	PI	Drexel University	Chemistry	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS139178	P20673	Exploring the molecular mechanisms behind membrane-mediated neurodegenerative protein aggregation	Biology, Biochemistry, Biophysics	12	56
Yoonyoung Baek (G)	C	Drexel University	Chemistry	Drexel University							
Kwang Hun Lim (S)	PI	East Carolina University	Chemistry	NIH	NINDS - National Institute of Neurological Disorders and Stroke	NS097490	P20678	Solid-state NMR studies of toxic misfolded oligomers	Biology, Biochemistry, Biophysics	2	14
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMF								
Robert Irving (G)	C	East Carolina University	Chemistry								
Sungsoo Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Seungwoo Kang (S)	PI	Augusta University	Department of Pharmacology and Toxicology	NIH	NIMH - National Institute of Mental Health	MH137204	P20750	Bran-wide signatures of alcohol use disorder and its comorbid psychiatric disorders in cell-type-, circuit-, and age-dependent manners	Biology, Biochemistry, Biophysics	2	4
Shinho Cho (S)	C	National High Magnetic Field Laboratory	NMR-MRI								
Gaurav Gm (S)	PI	University of Virginia	Chemical Engineering	NSF	CBEET - Chemical, Bioengineering, Environmental, and Transport Systems	CBEET2420733	P20764	Solid-state NMR characterization of Polymer-MOF Composites	Material Science	2	11.5
Ankit Dhakal (G)	C	University of Virginia	Chemical Engineering								
Rqiang Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Amit Venkatesh (S)	C	University of Virginia	Department of Chemistry								
Jayakanth Ravichandran (S)	PI	University of Southern California	Chemical Engineering and Materials Science	DOD	ARO - Army Research Office		P20806	Probing the local structure of non-collinear dipoles in BaTiO3	Material Science	4	6
Shubha Gunaga (P)	C	National High Magnetic Field Laboratory	NMR	NSF	DMR - Division of Materials Research	DMR2122071					
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Robert Schurko (S)	C	Florida State University	Chemistry								
Robert Smith (G)	C	Florida State University	Chemistry and Biochemistry								
Sara Termos (G)	C	Florida State University	Department of Chemistry and Biochemistry								
Myriam Cotton (S)	PI	Oregon State University	Biochemistry and Biophysics	Oregon State University	US College and University	Startup funds	P20809	Biological Function at Lipid Membranes: Mechanistic Investigations of Nanopores and Synergistic Host-Defense Agents	Biology, Biochemistry, Biophysics	20	80
Ruijia Fu (S)	C	National High Magnetic Field Laboratory	NMR								
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMF								
Evan Goodell (G)	C	College of William and Mary	Applied Science								
Mary Rooney (G)	C	College of William and Mary	Applied Science								
Sungsoo Wi (S)	C	National High Magnetic Field Laboratory	NMR								
Rongfu Zhang (P)	C	Florida State University	Chemistry and Biochemistry Department								
Andrea Zorou (G)	C	College of William and Mary	Applied Science								
Malathy Elumalai (G)	PI	National High Magnetic Field Laboratory	NMR-MRI	No other support			P20810	Micro Imaging RF coil workshop	Engineering	1	4
Zohab Ahasan (G)	C	University of Illinois at Chicago	Department of Radiology								
Arsania Arbabian (G)	C	Florida State University	Chemical & Biomedical Engineering								
Samuel Grant (S)	C	National High Magnetic Field Laboratory	CIMAR								
Benjamin Kohn (T)	C	Washington University in St. Louis	Department of Radiology								
Yinghe Qi (P)	C	National High Magnetic Field Laboratory	Condensed Matter Science								
Matthew Verber (T)	C	University of North Carolina at Chapel Hill	Chemistry & Center for Animal MRI (CAMRI)								
Andre Wendlinger (G)	C	University of Cambridge	Department of Radiology								
William Brey (S)	PI	National High Magnetic Field Laboratory	NMR	No other support			P20811	500 Maintenance	Biology, Biochemistry, Biophysics	2	5
Malathy Elumalai (G)	C	National High Magnetic Field Laboratory	NMR-MRI								
Sabyasachi Sen (S)	PI	University of California, Davis	Chemical Engineering and Materials Science	NSF	DMR - Division of Materials Research	DMR2409281	P20823	High-Field NMR Investigation of the Structural Evolution of Complex Oxide Glasses during Physical Aging	Material Science	13	85
Zhehong Gan (S)	C	National High Magnetic Field Laboratory	NHMF								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Zhehong Gan (S)	PI	National High Magnetic Field Laboratory	NHMF	No other support			P20826	Development and implementation of solid-state NMR methods at ultrahigh magnetic fields	Biology, Biochemistry, Biophysics	8	48
Frédéric Blanc (S)	C	University of Liverpool	Chemistry	NIH	NIGMS - National Institute of General Medical Sciences	GM148766					
Robert Griffin (S)	C	Massachusetts Institute of Technology	Chemistry	Western University	Non US College and University						
Yining Huang (S)	C	University of Western Ontario	Chemistry								
Ivan Hung (S)	C	National High Magnetic Field Laboratory	CIMAR/NMR								
Danielle Laurencin (S)	C	University of Montpellier	Institut Charles Gerhardt de Montpellier								
Sabyasachi Sen (S)	C	University of California, Davis	Chemical Engineering and Materials Science								
Gang Wu (S)	C	Queen's University at Kingston	Chemistry								
Iya Litvak (S)	PI	National High Magnetic Field Laboratory	CIMAR/NMR	NIH	NIGMS - National Institute of General Medical Sciences	GM148766	P20836	Improvements and upgrades to 600 Solution NMR instrument	Engineering	4	48
William Brey (S)	C	National High Magnetic Field Laboratory	NMR								
Ashly Mota (U)	C	Florida State University	CIMAR/NMR								
Adam Veige (S)	PI	University of Florida	Chemistry	NSF	CHE - Chemistry	CHE2154377	P20838	Investigating the In Situ Active Species of a Tungsten Catalyst for Cyclic Polymer Formation	Chemistry	1	6
Christian Ehm (S)	C	University of Naples Federico II	Dipartimento di Scienze Chimiche								
Shubha Gunaga (P)	C	National High Magnetic Field Laboratory	NMR								
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR								
Jack Schlammkowitz (G)	C	University of Florida	Chemistry								
Robbie Iulucchi (S)	PI	Washington and Jefferson College	Chemistry	NSF	CHE - Chemistry	CHE2244151	P20840	Continuation of NMR Crystallography of Pharmaceuticals and Biologically Relevant Nanocrystals Augmented by Multinuclear High Field Solid-State NMR	Chemistry	3	10
Sean Holmes (G)	C	Florida State University	NMR-MRIS								
Megan Joyce (U)	C	Washington and Jefferson College	Chemistry								
Anand Karamcheti (U)	C	Washington and Jefferson College	Chemistry								
Deborah Polvani (S)	C	Washington and Jefferson College	Chemistry								
Rosalynn Quinones (S)	C	Marshall University	Chemistry								
Lilian Schepis (U)	C	Washington and Jefferson College	Chemistry								
Robert Schurko (S)	C	Florida State University	Chemistry								
Zachary Seaman (U)	C	Washington and Jefferson College	Chemistry								

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Participants (Name, Role, Org., Dept.)		Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used
Robert Schurko (S)	PI Florida State University	Chemistry	NSF	CHE - Chemistry	CHE2003854	Multinuclear Solid-State NMR of Active Pharmaceutical Ingredients	Chemistry	55	175
Eric Brownert (S)	C Catholic University Louven	MDS	Florida State University	US College and University	Startup				
Dominic Chartta (G)	C Florida State University	Department of Chemistry & Biochemistry							
Zach Dowdell (G)	C Florida State University	Chemistry							
Dallas Dukes (G)	C Florida State University	Chemistry & Biochemistry							
Carl Fleischer (G)	C Florida State University	Chemistry							
Tomislav Frisic (S)	C University of Birmingham	School of Chemistry							
Zhehong Gan (S)	C National High Magnetic Field Laboratory	NHMF							
Shubha Gunaga (P)	C National High Magnetic Field Laboratory	NMR							
Sean Holmes (G)	C Florida State University	NMR-MRUS							
Ivan Hung (S)	C National High Magnetic Field Laboratory	CIMAR/NMR							
Robbie Iulucci (S)	C Washington and Jefferson College	Chemistry							
Michael Malone (S)	C Los Alamos National Laboratory	MPA-Q							
Harris Mason (S)	C Los Alamos National Laboratory	Chemistry							
Peyton Osborn (G)	C Florida State University	Chemistry							
Jazmine Sanchez (G)	C Florida State University	Chemistry and Biochemistry							
Joel Smith (S)	C Florida State University	Chemistry & Biochemistry							
Robert Smith (G)	C Florida State University	Chemistry and Biochemistry							
Sara Terros (G)	C Florida State University	Department of Chemistry and Biochemistry							
Snorri Sigurdsson (S)	PI University of Iceland	Chemistry	Icelandic Research Fund	Other	239662	Development of highly hydrophilic trityl-nitroxide radical for high field DNP-NMR	Chemistry	4	32.5
Satyaki Chatterjee (G)	C University of Iceland	Department of Chemistry	European Commission	Non US Council	PANACEA				
Pierre Florian (S)	C French National Center for Scientific Research	CEMTHI	European Research Council	Other	101008500				
Shubha Gunaga (P)	C National High Magnetic Field Laboratory	NMR				High-Field Mg NMR Analysis of Carbonated Reactive Magnesium Oxide Cements (RMC)	Material Science	3	18.5
Frederic Mentink (S)	C National High Magnetic Field Laboratory	CIMAR							
Asif Equab (S)	PI * New York University	Chemistry	Tamkeen	Other	CG008				
Shubha Gunaga (P)	C National High Magnetic Field Laboratory	NMR							
Ivan Hung (S)	C National High Magnetic Field Laboratory	CIMAR/NMR							
Risal Jabbar (P)	C New York University	New York University Abu Dhabi							
Tatyana Polenova (S)	PI * University of Delaware	Chemistry and Biochemistry	NIH	NIAID - National Institute of Allergy and Infectious Diseases	AJ541707				
Shubha Gunaga (P)	C National High Magnetic Field Laboratory	NMR	NSF	MCB - Molecular and Cellular Biosciences	MCB2231099				
Changmiao Guo (P)	C University of Delaware	Chemistry and Biochemistry							
Frederic Mentink (S)	C National High Magnetic Field Laboratory	CIMAR							
Kumar Tekwani Movellan (P)	C University of Delaware	Chemistry and Biochemistry							
Roman Zadorozhnyi (G)	C University of Delaware	Chemistry and Biochemistry							
Daniel Lee (S)	PI University of Manchester	Chemical Engineering	PANACEA	Other					
Pierre Florian (S)	C French National Center for Scientific Research	CEMTHI							
Shubha Gunaga (P)	C National High Magnetic Field Laboratory	NMR							
Frederic Mentink (S)	C National High Magnetic Field Laboratory	CIMAR							
Sungsoo Wi (S)	PI National High Magnetic Field Laboratory	NMR	NSF	CHE - Chemistry	CHE2203405	Solution-State 1H and 19F DNP-NMR via Particle-Mediated or Third-Spin-Assisted Cross-Relaxation	Chemistry	2	10.5
Lucia Frydman (S)	C National High Magnetic Field Laboratory	NMR							
Jenica Lumata (P)	C National High Magnetic Field Laboratory	NMR/CIMAR							
Joanna Long (S)	PI University of Florida	Biochemistry & Molecular Biology	NIH	NIGMS - National Institute of General Medical Sciences	RM1 GM148766	DNP studies of lipid-modulating peptides	Biological, Biochemistry, Biophysics	2	19.5
Shubha Gunaga (P)	C National High Magnetic Field Laboratory	NMR							
Frederic Mentink (S)	C National High Magnetic Field Laboratory	CIMAR							
M Luisa Nogueira (S)	C University of Florida	AMRIS							
Cathrine Pflueke (P)	C University of Florida	Biochemistry and Molecular Biology							
Diana Tymochko (U)	C University of Florida	Biochemistry & Molecular Biology							
Gang Wu (S)	PI Queen's University at Kingston	Chemistry	NSERC of Canada	Non US Council					
Zhehong Gan (S)	C National High Magnetic Field Laboratory	NHMF							
Ivan Hung (S)	C National High Magnetic Field Laboratory	CIMAR/NMR							
Ziyao Peng (G)	C Queen's University at Kingston	Chemistry							
Yuanzheng Yue (S)	PI Aalborg University	Department of Chemistry and Bioscience	Aalborg University		P20947	Probing the local structure of metal-organic complexes via high-field NMR	Biological, Biochemistry, Biophysics	2	17
Zhehong Gan (S)	C National High Magnetic Field Laboratory	NHMF							
Ivan Hung (S)	C National High Magnetic Field Laboratory	CIMAR/NMR							
Zhencai Li (P)	C Aalborg University	Department of Chemistry and Bioscience							
Anne Lesage (S)	PI French National Center for Scientific Research	CNRS	NIH	NIGMS - National Institute of General Medical Sciences	148766	Summer 2025 Research Visits to MagLab	Biological, Biochemistry, Biophysics	1	12
Krishna Chaudhary (G)	C Columbia University	Chemistry	European Research Council	Non US Council	101008500				
Isha Gautam (G)	C Michigan State University	Chemistry							
Shubha Gunaga (P)	C National High Magnetic Field Laboratory	NMR							
Tomáš Hostinský (G)	C University of Pardubice	Department of General and Inorganic Chemistry							
Casper Klinkhamer (U)	C University of Gothenburg	Chemistry							
Ondrej Kovar (G)	C Charles University, Prague, Czechia	Department of organic and bioorganic chemistry, faculty of pharmacy in Hradec Králové							
Lucie Leonová (G)	C Masaryk University	Department of Chemistry							
Erick Morgan (G)	C Columbia University	Chemistry							
Guilherme Rosa (U)	C University of Aveiro	Chemistry							
Faith Scott (P)	C National High Magnetic Field Laboratory	Biochemistry & Molecular Biology							
Andrea Simion (G)	C National Institute for Research and Development of Isotopic and Molecular Technologies	Isotopic and Molecular Technologies							
Mária Soltésiová (P)	C University of Gothenburg	Department of Chemistry and Molecular Biology							
Peng Xiao (P)	C Michigan State University	Chemistry							
Libin Ye (S)	C University of South Florida	Cell Biology, Microbiology and Molecular Biology							
Roman Zadorozhnyi (G)	C University of Delaware	Chemistry and Biochemistry							
Ayyalusamy Ramamoorthy (S)	PI Florida State University	Chemical and Biomedical Engineering	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK132214	Probing self-assembly of peptides using HTS Probe	Biological, Biochemistry, Biophysics	1	11
Brooks Chandler (G)	C Florida State University	CIMAR, NMR							

## 2025 MagLab User Proposals

Participants (Name, Role, Org., Dept.)			Funding Sources (Funding Agency, Division, Award #)			Proposal #	Proposal Title	Discipline	Exp. #	Days Used		
Joseph Zadrozny (S)	PI	Ohio State University	Chemistry and Biochemistry	NSF	CHE - Chemistry	CHE2419717	P20992	Analyses of <sup>59</sup> Co and <sup>57</sup> Fe NMR Thermal Sensitivities	Chemistry	6	19	
Dominic Chartia (G)	C	Florida State University	Department of Chemistry & Biochemistry									
Jasmine Sanchez (G)	C	Florida State University	Chemistry and Biochemistry									
Robert Schurko (S)	C	Florida State University	Chemistry									
Sara Termos (G)	C	Florida State University	Department of Chemistry and Biochemistry									
Tuo Wang (S)	PI	Michigan State University	Chemistry	NSF	MCB - Molecular and Cellular Biosciences	MCB2517270	P21010	High-Resolution Solid-State NMR and DNP Investigations of Fungal Carbohydrates	Biology, Biochemistry, Biophysics	2	15	
Ankur Ankur (G)	C	Michigan State University	Chemistry	NIH	NIAID - National Institute of Allergy and Infectious Diseases	A1173270						
Malitha Chathuranga Dickwella Widanage (P)	C	National Renewable Energy Laboratory	DOE									
Frederic Mentink (S)	C	National High Magnetic Field Laboratory	CIMAR									
Priya Sahu (G)	C	Michigan State University	Chemistry									
Faith Scott (P)	C	National High Magnetic Field Laboratory	Biochemistry & Molecular Biology									
Kalpana Singh (G)	C	Michigan State University	Chemistry									
Peng Xiao (P)	C	Michigan State University	Chemistry									
Jayasubba Reddy Yarava (P)	C	Michigan State University	Chemistry Department									
Kisuk Kang (S)	PI	Seoul National University	Materials Science and Engineering	National Research Foundation of Korea (NRF) grant	Non US Government Lab	RS-2023-00261543	P21029	Investigating Structure-Property Relationships in Halide-Based Solid Electrolytes by High-Field NMR	Material Science	2	17	
John McCloy (S)	PI	Washington State University	School of Mechanical and Materials Engineering	DOE	Other	89304022CEM000015	P21033	C <sub>2</sub> environment elucidation in nuclear waste glass via 35Cl NMR	Material Science	1	6	
John Bussey (G)	C	Washington State University	School of Mechanical and Materials Engineering									
Kodie Laine Rodman (G)	C	Washington State University	School of Mechanical and Materials Engineering									
Sami SOUDANI (P)	C	Washington State University	Institut of Material Science									
Aaron Wilber (S)	PI	Florida State University	Psychology	Florida Department of Health	Other		P21035	Resting state functional connectivity, structural connectivity and glymphatic flow in AD	Biology, Biochemistry, Biophysics	4	4	
Choogon Lee (S)	C	Florida State University	Biomedical Sciences									
Jenna Radovich (G)	C	Florida State University	Chemical & Biomedical Engineering									
Ayyalusamy Ramamoorthy (S)	PI	Florida State University	Chemical and Biomedical Engineering	NIH	NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases	DK132214	P21074	Amyloid Toxicity and Neuroinflammation	Biology, Biochemistry, Biophysics	1	1	
Sanjay Metkar (P)	C	National High Magnetic Field Laboratory	NMR CIMAR									
Jenna Radovich (G)	C	Florida State University	Chemical & Biomedical Engineering									
Jihuk Saha (P)	C	National High Magnetic Field Laboratory	NMR- College of Engineering									
Aaron Wilber (S)	C	Florida State University	Psychology									
<b>Total Proposals:</b>								<b>65</b>	<b>Experiments:</b>	<b>629</b>	<b>Days:</b>	<b>2,798</b>





### 2025 MagLab User Proposals

Participants (Name, Role, Org., Dept.)		Funding Sources (Funding Agency, Division, Award #)		Proposal #	Proposal Title	Discipline	Exp. #	Days Used			
Sara Haraward (S)	PI	Duke University	Department of Physics	DOE	BES – Basic Energy Sciences	DE-SC0023405	P20782	Investigating Magnetoelastic Effect in Quantum Magnets	Condensed Matter Physics	1	5
Sanjay Basu (P)	C	Duke University	Physics								
Rabindranath Basu (P)	C	Duke University	Physics								
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Shangzhi Zhang (S)	C	National High Magnetic Field Laboratory	CHS								
Mun Chan (S)	PI	National High Magnetic Field Laboratory	Pulsed field Facility	DOE	BES – Basic Energy Sciences	Science of 100T	P20783	Further high-magnetic field explorations of the cuprate high-temperature superconductors	Condensed Matter Physics	4	35
Scott Crooker (S)	C	National High Magnetic Field Laboratory	Nat High Magnetic Field Lab	DOE	BES – Basic Energy Sciences	Science of 100 T					
Nel Harrison (S)	C	National High Magnetic Field Laboratory	Physics								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Arkady Shehter (S)	C	National High Magnetic Field Laboratory	LANL MPA-MAGLAB								
Malayann Maranall (S)	PI	Kennesaw State University	Chemistry and Biochemistry	No other support		N/A	P20827	Investigating the Magnetoelastic Effect in Cu <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	Chemistry	1	5
Rubali Mangotra (G)	C	Kennesaw State University	Department of Chemistry and Biochemistry								
Shing Ren (S)	PI	Washington University in St. Louis	Physics	NSF	PHY - Physics	PHY2236528	P20835	Investigation of high magnetic field properties of novel Kondo insulators	Condensed Matter Physics	1	5
Shannon Gould (G)	C	Washington University in St. Louis	Physics								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Masashi Mura (S)	PI	Seikei University	Graduate School of Science and Technology	JSPS KAKENHI Grant Number	Non US Ministry	23KK0073	P20850	Increasing current carrying performance in unconventional superconductors through quantum critical points and thermodynamic aspects	Condensed Matter Physics	2	20
Shigeyuki Ishida (S)	C	National Institute of Advanced Industrial Science and Technology	Research Institute for Advanced Electronics and Photonics	Japan Science and Technology Agency (JST)	Other	JPMJFR202G					
Boris Maiorov (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB								
Christopher Mizzi (S)	C	National High Magnetic Field Laboratory	MPA-MAGLAB; MPA-MAG LAB NHMFL GROUP								
Tatsunori Okada (S)	C	Kyushu Institute of Technology	Department of Materials Science and Engineering								
Gabriel Silva Freitas (P)	PI	Los Alamos National Laboratory	National High Magnetic Field Laboratory	DOE	LDRD - Laboratory Directed R&D	DE-AA00-00AA00000	P20863	High field measurements in triangular-lattice using magnets	Condensed Matter Physics	1	5
Minseong Lee (S)	C	National High Magnetic Field Laboratory	MPA-MAG								
Vivian Zapf (S)	C	National High Magnetic Field Laboratory	Physics								
Sunil Kumar (S)	PI	Prairie View A&M University	Physics Department	University of Warwick	Other		P20878	Fermi surface of non-centrosymmetric HfSi <sub>2</sub>	Condensed Matter Physics	1	10
Paul Goddard (S)	C	University of Warwick	Department of Physics								
Sanjay Sharma (G)	C	University of Warwick	Physics								
John Singleton (S)	C	National High Magnetic Field Laboratory	Physics								
Vikas Saboo (S)	PI	Los Alamos National Laboratory	MPA-MAGLAB	No other support			P20888	High Magnetic Field Studies on Topologically Nontrivial Materials	Condensed Matter Physics	1	15
Duck Young Chung (S)	C	Argonne National Laboratory	Materials Science Division								
Ross McDonald (S)	C	National High Magnetic Field Laboratory	Physics								
Souvik Sasmal (P)	C	Argonne National Laboratory	Materials Science Division								
Laurel Winter (S)	C	National High Magnetic Field Laboratory	Physics								
Bharat Jalan (S)	PI	University of Minnesota, Twin Cities	Chemical Engineering and Materials Science	DOE	BES – Basic Energy Sciences	DE-SC020211	P20894	Investigation of Anomalous Hall Effect in Epitaxial RuO <sub>2</sub> Ultrathin Films	Condensed Matter Physics	1	5
Saunzoo Jeong (P)	C	University of Minnesota, Twin Cities	Chemical engineering and Material science	DOE	BES – Basic Energy Sciences	DE-SC0024710					
Sreelath Thangam Nair (G)	C	University of Minnesota, Twin Cities	Chemical Engineering and Materials Science	DOD	US Air Force	FA9550-21-1-0025					
Zhiwei Yang (G)	C	University of Minnesota, Twin Cities	School of Physics and Astronomy	DOD	US Air Force	FA9550-24-1-0169					
				NSF	MRSEC - Materials Research Science and Engineering Centers	DMR-2011401					
Arkady Shehter (S)	PI	National High Magnetic Field Laboratory	LANL MPA-MAGLAB	DOE	BES – Basic Energy Sciences	"Science of 100T"	P20900	Magnetic field-temperature scaling in the high-field magnetotransport in the strange metal state of the cuprates across critical doping.	Condensed Matter Physics	1	5
Mun Chan (S)	C	National High Magnetic Field Laboratory	Pulsed field Facility								
Nel 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								
Km Rubi (S)	C	Los Alamos National Laboratory	MPA-MAGLAB								
Kimberly Modic (S)	PI	Institute of Science and Technology Austria	Physics	Institute of Science and Technology Austria	Non US Government Lab		P20902	Thermodynamic measurements of topological superconductors	Condensed Matter Physics	3	25
Zoltan Kolo (T)	C	Institute of Science and Technology Austria	Physics Sciences	Institute of Science and Technology Austria with European Research Council funding	Non US Government Lab	PR1061ERC01					
Vikram Nagarajan (P)	C	Institute of Science and Technology Austria	Math and Physical Sciences		Other						
Amit Nathwani (L)	C	Institute of Science and Technology Austria	Physics								
Guinaz Rakhmanova (G)	C	IST Austria	Physics								
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 (S)	C	Institute of Science and Technology Austria	Physics								
Seunghun Lee (S)	PI	University of Virginia	Physics	DOE	BES – Basic Energy Sciences	DE-SC-001614	P20929	High-field magnetization studies of Ti-based quantum kagome antiferromagnets.	Condensed Matter Physics	1	5
Prena Chaudhary (G)	C	University of Virginia	Physics								
Asri Ashoka Bandara Thennakoon Thennakoon Madhusekara (C)	C	University of Virginia	Department of Physics								
Charles Agosta (S)	PI	Clark University	Department of Physics	NSF	DMR - Division of Materials Research	DMR2408453	P20967	Pulsed field studies of large anion organic superconductors	Condensed Matter Physics	1	5
Ahad Ali Khan (G)	C	Clark University	Physics								
Nashanael Fortune (S)	C	Smith College	Department of Physics								
Mahathi Kuchibhotla (P)	C	Clark University	Physics								
Lee Martin (S)	C	Nottingham Trent University	Materials Chemistry		Non US Council	2021-04360	P20990	Probing quantum criticality and strange metal behavior in CeCoIn <sub>5</sub> through thermodynamic measurements in high magnetic fields	Condensed Matter Physics	1	10
Andreas Rydh (S)	PI	Stockholm University	Department of Physics	Swedish Research Council	Non US Council	2021-04360					
Mun Chan (S)	C	National High Magnetic Field Laboratory	Pulsed field Facility								
Akash Khansli (P)	C	Institute of Science and Technology Austria	Department of Physics								
Kimberly Modic (S)	C	Institute of Science and Technology Austria	Physics								
Arkady Shehter (S)	C	National High Magnetic Field Laboratory	LANL MPA-MAGLAB								
Laurel Winter (S)	PI	National High Magnetic Field Laboratory	Physics	No other support			P21022	Magnet Testing - PFF	Condensed Matter Physics	1	23
Fedor Belakirev (S)	C	National High Magnetic Field Laboratory	PFF								
Doan Nguven (S)	C	National High Magnetic Field Laboratory	Pulsed Field Facility								
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								
<b>Total Proposals:</b>							<b>48</b>	<b>Experiments:</b>	<b>74</b>	<b>Days:</b>	<b>541</b>