Finding Funding: Resources and advice on seeking funding from external sponsors

Clemson University Office of Research Development's

Fall 2020 Workshop Series

Next Time:

Overview of NSF CAREER Program and the 2021 ORD CAREER Academy

3:30pm -	- 4:30pm
CECAS	Monday, October 26
COS	Tuesday, October 27
CAFLS	Wednesday, October 28
COE, CBSHS, CAAH, COB	Thursday, October 29

https://www.clemson.edu/research/development/events.html

Outline

Resources

- SPIN Database
- Faculty Insight
- Sponsor Overview
 - NSF: Laine Mears
 - NIH: Lesley Ross
 - Foundations: Karen Franklin
- Panel: Sponsor Comparison
- Breakout Rooms by Sponsor
- Reconvene



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SPIN ID	Opportunity Title	Sponsor Name	Sponsor Number	Deadline Date	Funding Amount	Bookmark	
059896	Public Policy Effects on Alcohol-, Marijuana-, and Other Substance-Related Behaviors and Outcomes (R01)	National Institute on Alcohol Abuse and Alcoholism/NIH/DHHS	PA-17-135	None Posted	Not Specified	+	
071127	Knee/Wittman Outstanding Achievement Award	National Association of Social Workers		None Posted	Not Specified	+	
097039	Notice of Special Interest (NOSI): Obesity Policy Evaluation Research (R01 Clinical Trial Not Allowed)	National Institutes of Health/DHHS	NOT-DK-20-035	Continuous Submission	Not Specified	+	
075277	Advocacy Grants Program - Promoting Policy Change	Drug Policy Alliance		None Posted	Not Specified	+	
100085	Policies for Action - Public Policy Research to Advance Racial Equity and Racial Justice Call for Proposals	Johnson (Robert Wood) Foundation		24-Nov-2020 [LOI/Pre- App]	Not Specified	+	
071139	Lasker Public Service Award	Lasker Foundation		None Posted	Not Specified	+	
100167	Annual Giving	Pope (John William) Foundation		Continuous Submission	Not Specified	+	
088286	Research Grants	National Collaborative on Gun Violence Research		None Posted	Not Specified	+	

Mariah Kathleen Meachum Clemson University Sign Out

http://www.clemson.edu/research/sponsored-programs/researchers/smarts.html

World's Largest Database of Sponsored

SPIN Database

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https://infoed.clemson.edu

http://www.clemson.edu/research/sponsored-programs/researchers/smarts.html

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NIDHI VERMA, MAPC Training & Communications Coordinator 864-656-1440 nvarma@clemson.edu

http://www.clemson.edu/research/sponsored-programs/researchers/smarts.html

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Faculty Insight

Faculty Insight

Search by Research Topic	Scholars	Funding	Networks	Recent Activity		
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Q Search ⑦	Last Deadline 🖨	Title 🗢 🚱		Sponsor 🗢	Amount 🖨	Save 🖨
	12/10/20	Public Policy Research A	ward	American Lung Association	\$50k	☆
elated Terms	10/15/20	Senator John Melcher, D Policy Award	VM Leadership in Public	American Association of Veterinary Medical Colleges	\$1k	☆
issues and policy Migration Policy	12/18/20	Congressional Fellowshi	р	Biophysical Society	Not Available	☆
Population Policy public opinion	12/1/20	Michael C Robinson Priz	e for Historical Analysis	National Council on Public History	\$500	☆
social benefit Social Policy Social Protection	12/7/20	Institute for Research or Poverty Fellows Program	-	University of Wisconsin	\$86k	☆
Social Protection	1/15/21	Accountable Institutions	and Behavior	NSF	\$165k	☆
	11/1/20	Book Award		National Council on Public History	\$1k	☆
	12/12/20	ALA Research Awards a	nd Grants	American Lung Association	\$50k	☆
NEW! Browse All Funding Opportunities	10/31/20	International Affairs Fell	owship	Council on Foreign Relations	\$100k	☆
	6/1/22	Division 37-Society for C and Practice-Early Caree Award	· · · · ·	American Psychological Association	\$500	☆
	9/10/21	Time-Sensitive Obesity F Evaluation (R01 Clinical	, .	NIH, NCI, NICHD, NIDDK	\$3.28m	☆
	11/30/20	Division 41-American Ps	ychology-Law Society-	American Psychological Association	\$2k	☆

https://www.clemson.edu/research/reds.html

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Faculty Insight

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Faculty Insight

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Related Terms issues and policy Migration Policy	CLEM	Poli.	JEFFREY SCOTT PEAKE Department of Political Science	0	20	1999	☆
Population Policy public opinion	CLEM	Poli.	LAURA R OLSON Department of Political Science	1	17	1996	☆
social benefit Social Policy	CLEM	Econ.	THOMAS WINSLOW HAZLETT Department of Economics	0	17	1984	☆
	CLEM	Educ.	ANTONIS KATSIYANNIS Department of Education and Human Development	6	14	1989	☆
NEW! Browse All Funding Opportunities	CLEM	Comp.	HONGXIN HU Department of Computing	2	14	2012	☆
NEW: Drowse Air Funding Opportunities	CLEM	Civi.	MASHRUR A CHOWDHURY Department of Civil Engineering	7	12	1995	☆
	CLEM	Gene.	FRANK ALEXANDER FELTUS Department of Genetics and Biochemistry	4	12	2000	☆
	CLEM	Indu.	JEFFREY PAUL KHAROUFEH Department of Industrial Engineering	0	11	2001	☆

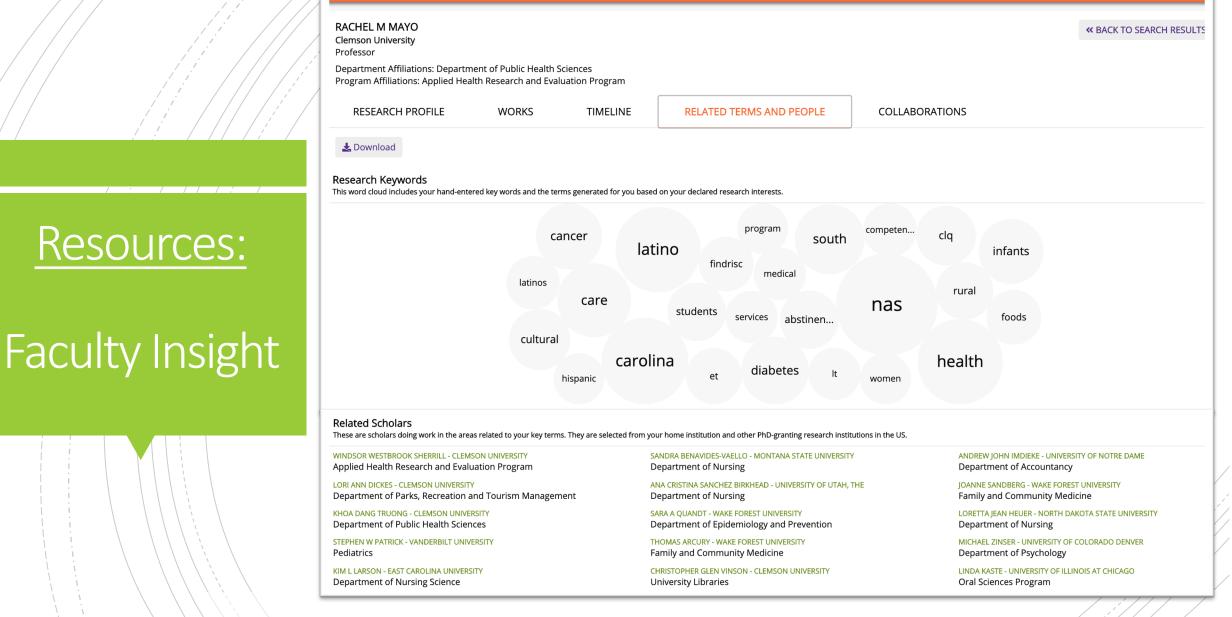
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Faculty Insight

Faculty Insight





https://www.clemson.edu/research/reds.html

National Science Foundation

Dr. Laine Mears Professor, Automotive Engineering, CECAS



Introduction: Laine Mears

- Research Area
 - Manufacturing process modeling and control
 - Human-automation integration in manufacturing environments
- NSF Funding
 - Unsolicited grants and supplements in Advanced Manufacturing program (2008-present)
 - CAREER award (2010)
 - Graduate Research Fellowship Program (2017, 2020)
 - NSF Research Traineeship (2018)
 - Future Manufacturing Seed Grant (2020)
 - ERC pre-proposal (2020)

NSF Overview

- Tools for finding funding
 - Grants.gov, your program website
 - Program seminars and webinars (come armed with questions)
- Advice that may set you apart
 - Identify and call your program manager. Meet with them to say who you are, what area you work in, what ideas you have and what you aspire to. They are totally there to help you.
 - Go serve on a panel, understand the process
 - Read the PAPPG and solicitation thoroughly
 - Search winning tips and pitfalls (search Hazelrigg writings)
 - Take advantage of college editing services and get lots of mock reviews
 - Get on mailing list for DCLs and RFIs

National Institutes of Health

Dr. Lesley Ross

Associate Professor & SmartLife Endowed Chair in Aging and Cognition- Psychology, CBSHS

Associate Director, Institute for Engaged Aging SHAARP.org



Introduction: Lesley Ross

- Research Area
 - Cognitive aging and everyday Functioning
 - Behavioral interventions to maintain health, cognition, brain and everyday functioning
 - Longitudinal methods and intervention design
 - Behavioral, biomarker, and neural data collection; Passive and active assessment
 - Traditional and remote data collection
- NIH Funding
 - PI: R21, U01, Admin supplement, Competitive Administrative Supplements; P30 Pilot funding
 - Co-I: U02; Training grant
- Other
 - Department of Transportation; RITA PI; Co-I
 - National Highway Traffic Safety Administration (NHTSA); Site PI
 - NSF Co-I

NIH Overview

- **Mission and Focus**
 - Research
 - Health
 - Training
- **Organizational Structure**
- Tools for finding funding
 - Grants.gov
 - NIH funding search
 - **NIH Reporter**
 - Colleagues!
- Some Mechanisms
 - **Training grants**
 - K awards
 - Research: R01, R21, R03
 - Supplements

NIH at a Glance



Who We Are NIH is the nation's medical research agency, supporting scientific studies that turn discovery into health.



Scientists conduct research on NIH campuses across the U.S., as part of our Intramural Research Program

Featured Resources & Initiatives

ACTIV

A public-private partnership to develop a coordinated research strategy to speed the most promising COVID-19 vaccines and treatments.

The BRAIN Initiative

Learn about an audacious initiative aimed at revolutionizing our understanding of the human brain.

Diabates obesity cancer asthma and many other

Health Information

Rapid Acceleration of Diagnostics (RADx) An initiative to speed innovation in the development, commercialization, and implementation of technologies for COVID-19 testing.

NIH HEAL Initiative Trans agongy affort to spood scientific colutions to stom

Learn about participating in clinical trials and where to

Clinical Trials

find them.

The NIH Director Francis S. Collins, M.D., Ph.D., provides leadership for the 27 institutes and centers that make up the NIH.



lobs at NIH The central recruitment point of access to all NIH jobs and training opportunities

Anti-Sexual Harassment

NIH does not tolerate pervasive or severe harassment of any kind, including sexual harassment.

Funding for Research

NIH is the largest source of funding

for medical research in the world,

creating hundreds of thousands of

All of Us Research Program

A research effort to revolutionize how we improve health and treat disease.

Impact of NIH Research

NTH curported recearch has had a major positive impact





Things I've learned...

- Start small or go straight for larger project?
- Don't propose too much focus on what can justify. Additions can be made
- Building a relationship with PO/SO
 - Collaboration opportunities work on a larger project
 - Conference; Training; Reviewing
 - Updated website
- Submit for everything vs. targeted
- This is a large effort timelines and grants office role
- Perspective of a reviewer clean, simple and some repetition
- How I learned in class vs. other methods?
 The budget dictates the options...

- Budget
 - Support for self and colleagues
 - Staff vs. student support?
- Putting together a team internal vs. subcontract
- Clear discussion on roles and responsibilities
- Not all reviews are right...Get feedback
- Addressable Critiques
 - The PI does not appear to have NIH experience
 - No evidence of prior collaboration with team
 - Study section?

Foundations

Karen Franklin

Senior Director of Foundation Relations, Corporate and Foundation Relations



Introduction: Karen Franklin

- Expertise
 - 25 years experience organization fundraising
 - Federal/public sector, foundations, corporations
 - University of Washington (UW Medicine), Fred Hutchinson Cancer Research Center, Seattle Colleges
 - Grantwriting, prospecting, relationship management

Overview of Foundations as a Sponsor

- Opportunities
 - Foundation Relations Process
 - Philanthropy model—relationship building, strategic, proactive, hands-on
 - Cultivation, solicitation, stewardship
 - Relationship management—facilitation
 - Prospect research
 - Programmatic vs. Research
 - Students—diversity, internships, student services, scholarships
 - Faculty—diversity, faculty development/training, startups, labs/equipment
 - Teaching—new courses, curriculum development, collaborations, STEM
 - Programs—outreach, enrichment, career readiness, community development
 - Research—pilot funds, undergraduate research
 - Collaborations and partnerships

Example: Bill & Melinda Gates Foundation

- Ideas begin at the Foundation
 - Gates identifies problems they care about.
 - Problems are deeply rooted, dynamic, complex, and not easily solved.
 - Problems cannot be solved by Gates alone.
 - Gates collaborates with grantees, governments, private sector, communities, and individuals.

Example: Bill & Melinda Gates Foundation

- Phase 1: Concept development
 - Internal process at Gates
 - Program officers generate concept ideas
- Phase 2: Pre-Proposal
 - **Exploration:** Program officers do their homework, consult experts in the field
 - Direct Solicitation: Gates directly solicits early stage concept memo or proposal
 - Discussion:
 - Gates may reach out to one or more organizations to determine interest, capacity, and expertise to do the work
 - Concept paper or proposal may be invited
 - **RFP:** RFPs posted on website, "private" RFPs to specific organizations

https://www.gatesfoundation.org/How-We-Work

Panel Discussion

Please enter topics in the Chat window