



RESEARCH NEWS

September 2018

Research News

Patient-Centered Outcomes Research Institute (PCORI)

We would like to inform you that the Patient-Centered Outcomes Research Institute (PCORI) will release the Broad PCORI Funding Announcement for all priority areas in Cycle 3 2018 on October 2, 2018.

For this cycle, the maximum project budget (direct costs) and maximum project periods for each priority area are listed below, with changes from previous cycles noted with an * (asterisk) at the end.

- [Addressing Disparities](#): \$3 million; 3 years*
- [Assessment of Prevention, Diagnosis, and Treatment Options](#): \$3 million; 3 years*
- [Communication and Dissemination Research](#): \$2 million; 3 years
- [Improving Healthcare Systems](#): \$3 million; 3 years*
- [Improving Methods to Conduct PCOR](#): \$750,000; 3 years

We invite you to review this information on our website and share it with others who may be interested. We also invite you to register for the [Methods PFA Town Hall on October 17, 2018](#) and the [Broad PFA Town Hall on October 18, 2018](#).

PCORI's mission is to improve the quality and relevance of evidence available to help patients, caregivers, clinicians, employers, insurers, and policy makers make informed health decisions.

If you have any programmatic questions, please contact sciencequestions@pcori.org. For administrative questions, please contact pfa@pcori.org.

RDS 2018-2019 NIH Workshop and Webinar Series

Preparing for Proposal Submission: The Preparing for Proposal Submission webinar will provide an overview of choosing an appropriate NIH funding mechanism, using NIH RePORTER, and communicating with federal Program Officers. Participants will learn the important distinctions between different NIH mechanisms, how to determine what has been funded by the different NIH Institutes and Centers (ICs), success rates by IC and mechanism, choosing the appropriate study section, and how to find and communicate with NIH Program Officers. *Webinar (Zoom), Wednesday 10/10/2018 12:00-1:30pm*

Understanding the NIH Grant Review Process: The NIH Grant Review Process webinar will cover the NIH review process from initial Receipt and Referral of proposals through Advisory Council Review, including study section review, scoring, and how funding decisions are made. Participants will learn how to determine the scientific contacts for a particular Funding Opportunity Announcement and who to contact at various steps in the submission and review process, finding and choosing a study section, using an Assignment Request Form, and how to direct your proposal to a particular NIH Institution. *Webinar (Zoom), Thursday 11/15/2018 12:30-2:00pm*

Crafting the Specific Aims page and Introduction to Resubmissions: The Specific Aims and Introduction to Resubmissions workshop will cover the most important page of an NIH submission or resubmission—the Specific Aims page and the Introduction, respectively. Participants will learn how to prepare an outline for the Specific Aims and Introduction pages as well as strategies for crafting the Specific Aims page to



College of Nursing



RESEARCH NEWS

September 2018

“sell” your research and different approaches for addressing reviewer concerns in the Introduction to a Revised Submission. *Workshop, Wednesday 1/23/2019 12:00-1:30pm in Marshall 531*

Rigor & Reproducibility: The Rigor & Reproducibility webinar will provide an overview of the NIH components of Rigor and Reproducibility and how to successfully craft an application to best address the individual requirements. Participants will learn to distinguish scientific premise from significance and rationale, how to emphasize scientific rigor, examples of relevant biological variables, and how to craft the authentication of key biological and/or chemical resources plan. *Webinar (Zoom), Thursday 2/14/2019 12:30-2:00pm*

Significance and Innovation: The Significance and Innovation webinar will focus specifically on the first two sections of the NIH Research Strategy. Participants will learn how to structure the Significance section and how to clearly demonstrate the scientific premise of the proposal, and how to define and demonstrate Innovation, including distinguishing between truly novel, the new application of a technology or approach, and refinements to existing approaches. *Webinar (Zoom), Wednesday 3/27/2019 12:00-1:30pm*

Approach: The Approach webinar will focus on how to organize the Approach section of the NIH Research Strategy, including required level of detail, integrating the why and the how, and demonstrating feasibility. Participants will learn different organizational strategies, where to include preliminary data, and how to demonstrate the required elements of rigor and reproducibility. *Webinar (Zoom), Thursday 4/25/2019 12:30-2:00pm*

NIH Attachments: The NIH Attachments webinar will provide an overview of the supplemental documents required for most NIH applications including the Biosketch, Authentication of Key Biological and Chemical Resources, Resource Sharing Plan, Vertebrate Animals section, and the Human Subjects attachments for clinical trials and clinical research. Participants will learn the information that must be provided in each attachment, how to distinguish between the information to be included in the Research Strategy versus the attachments, and how the information contained in the attachments factors into the Overall application score. *Webinar (Zoom), Wednesday 5/15/2019 12:00-1:30pm*

[Funding Longevity by Gender Among NIH-Supported Investigators](#)

For nearly 10 years, more women than men received PhDs in the biomedical sciences, yet women are still underrepresented at every subsequent stage of academic advancement. In 2015, for example, women earned 53% of PhDs, but they comprised only 48% of post-doctoral fellows, 44% of assistant professors, and 35% of professors. To better understand what might be contributing to women's underrepresentation in later stages of academia, Dr. Lisa Hechtman and her colleagues at the National Institute of General Medical Sciences (NIGMS) analyzed “funding longevity by gender” among funded NIH investigators. Their analysis, recently published in the Proceedings of the National Academy of Sciences, yielded a number of interesting findings which I'd like to share with you. [Continue reading](#) →



RESEARCH NEWS

September 2018

University of Arizona – Department of Psychology - 2018-2019 Colloquium Schedule

Unless otherwise announced, colloquia will be held from 3 – 4:30 p.m. Please note the room change. Location this year will be in the Modern Languages Building, Room 311. Light refreshments will be served before the colloquium.

FALL

Oct. 5 Jim Coan, The University of Virginia
How the Brain Transforms Social Resources into Enhanced Quality of Life

Oct 19 Alison Gopnik, The University of California--Berkeley
Childhood (and psychedelics) as high-temperature search: The development, evolution and neural bases of exploration

Nov 9 Patricia Greenfield, The University of California—Los Angeles
Social Change, Culture, and Human Development

Dec 14 Alex Shackman, The University of Maryland
The Neurobiology of Dispositional Negativity

SPRING

Jan 11 Phil Hammack, The University of California--Santa Cruz

The 21st Century Revolution in Gender and Sexual Identity

Jan 25 Carmela Alcantara, Columbia
TBA

Feb 1 Jessica Burris, The University of Kentucky
TBA

Feb 8 LaBarron Hill, Duke
TBA

Mar 15 Lori Markson, Washington University
Race and Children

Mar 22 Biju Dasgupta, The University of Massachusetts
TBA

Mar 29 Daniel Taylor, The University of North Texas
TBA

Apr 26 Emily Bianchi, Emory
From Individualism to Racial Attitudes: Some Psychological Implications of Recessions

If you are not already receiving email announcements, you may obtain them by sending a message from your email account to: LIST@LIST.ARIZONA.EDU . Include the following in the subject line of the message: subscribe PSYCOLLOQ *Firstname Lastname*. The message body should be blank. Current information can also be found at <http://psychology.arizona.edu/events/>

Design thinking and Community-based participatory research for Implementation Science

April Oh, PhD, MPH

We need innovation to address our chronic disease burden, and design thinking has emerged as a promising tool. But as someone who has a background in community health promotion, I can't help but wonder: how is design thinking, when applied in community settings to promote community and population health, different from or similar to community engaged research?

This question becomes more pertinent with growing interest in academic-industrial partnerships to advance the impact of our evidence-based



RESEARCH NEWS

September 2018

interventions, particularly in behavioral health (Hingle et, al 2018). While these sorts of partnerships may have had a longer history in engineering, biomedical science, and technology, with the changing health care, prevention and technology fields, behavioral science finds itself in a growing marketplace with opportunity to advance implementation of our work. By leveraging partnerships with industry and with technology experts in academia, behavioral scientists may find themselves in a pivotal position to advance population health goals. (Stey, et al, JAMA, 2018).

[READ MORE](#)

Professional Empowerment Workshop Series

This six workshop series will run throughout the 2018-2019 academic year. The goal of the series is to provide targeted professional development opportunities in support of career-track faculty and staff from diverse backgrounds.

WHO SHOULD ATTEND? All staff and faculty with an emphasis on those who are not on a tenure track

OCT. 11, Effective Mentoring
11 a.m. - 1 p.m., SUMC, Sonora Room

Participants will learn some of the curriculum from NRMN in creating a more skilled and effective mentoring relationship. You will be provided with a toolbox of strategies to use in creating effective mentoring relationships with your mentors and mentees including learning about your communication styles, establishing a Mentoring Agreement and creating an Initialized Academic Plan. Participants will gain knowledge and skills to

identify roles mentors and mentees play in the overall professional development and effectiveness of their mentoring relationship, how to accommodate styles that differ from their own which enhance the diversity and vibrancy of their environments and community, develop strategies for guiding professional development, initiate and sustain periodic mentoring conversations, increase understanding of equity and inclusion and their influence on mentor-mentee interactions. Lydia Kennedy, director, UAHS Office of Diversity and Inclusion, also is a certified facilitator with the National Research Mentoring Network (NRMN) from UW-Madison.

RSVP HERE: <https://tinyurl.com/yd8yghwk>

NOV. 8, Public Speaking Tips: How to Tell Your Story with Style
11 a.m. - 1 p.m., SUMC, Sonora Room

We'll break the ice with some public speaking games and hear a personal story. Afterwards, we'll deconstruct how our speaker wrote the story and prepared to share it. Participants will be given writing prompts to draft their own personal stories. We'll review general public speaking tips and Toastmaster-style critiques (including recommendations for body language, eye contact and speech organization). After some de-stress warm ups for public speaking, participants will be given an opportunity to share their story with the group. Finally, we'll share information about joining UA Toastmasters. Facilitated by Courtney Coffey, PhD, coordinator, Grants & Contracts.

RSVP HERE: <https://tinyurl.com/y8jorufg>

This series is brought to you by the UA College of Agriculture and Life Sciences Diversity and



RESEARCH NEWS

September 2018

Inclusiveness Committee in Collaboration with the Office for Diversity and Inclusive Excellence, UAHS

Office of Diversity and Inclusion, Native Faculty, CALS Staff Council and CALS Appointed Professionals Council

Background Information:

The topics featured in this series were developed with extensive stakeholder input in June 2018. Workshop topics suggested spanned more than 20 themes and the six most requested will be covered in this series throughout the year. Those top themes included: Highlighting university resources which support professional advancement, skill building and strategic planning for career advancement, story-telling and public speaking for self-promotion, building community through mentoring and networking, managing a team with an emphasis on embracing diversity and professional best practice for resumes and interviewing for the working professional.

Questions? Please contact Ashlee Linares-Gaffer at alinares@email.arizona.edu.

Funding Opportunities

AHA Career Development Award

Supports highly promising healthcare and academic professionals, in the early years of one's first professional appointment, to explore innovative questions or pilot studies that will provide preliminary data and training necessary to assure the applicant's future success as a research scientist in the field of cardiovascular and stroke research. Full proposal due 10/17/2018. [Full Details](#)

Department of Health and Human Services National Institutes of Health

Feasibility Studies to Build Collaborative Partnerships in Cancer Research (P20 Clinical Trial Not Allowed)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=308760>

Centers for Disease Control and Prevention - ERA Research Grants to Identify Effective Strategies for Opioid Overdose Prevention

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=308762>

Notice of Intent to Publish a Funding Opportunity Announcement for Promoting Research on Music and Health: Fundamentals and Applications (R21 Clinical Trials Optional)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=308773>

Notice of Intent to Publish a Funding Opportunity Announcement for Discovery and Validation of Novel Targets for Safe and Effective for Pain Treatment (R01 Clinical Trial Not Allowed)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=308777>

Notice of Intent to Publish Funding Opportunity Announcements for the NIA Demography and Economics of Aging Centers Program

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=308778>

Notice of Intent to Publish a Funding Opportunity Announcement for Clinician-Scientists Transdisciplinary Aging Research (Clin-STAR) Coordinating Center

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=308779>



RESEARCH NEWS

September 2018

Planning Grants for Pragmatic Research in Healthcare Settings to Improve Diabetes and Obesity Prevention and Care (R34 Clinical Trial Required) <https://www.grants.gov/web/grants/view-opportunity.html?oppld=309058>

Novel Mechanism Research on Neuropsychiatric Symptoms (NPS) in Alzheimers Dementia (R01 Clinical Trial Optional) <https://www.grants.gov/web/grants/view-opportunity.html?oppld=309030>

Novel Mechanism Research on Neuropsychiatric Symptoms (NPS) in Alzheimers Dementia (R21 Clinical Trial Optional) <https://www.grants.gov/web/grants/view-opportunity.html?oppld=309072>

Increasing Uptake of Evidence-Based Screening in Diverse Adult Populations (R01 Clinical Trial Optional) <https://www.grants.gov/web/grants/view-opportunity.html?oppld=309130>

High-Priority Areas for Research Leveraging EHR and Large-Scale Data (R01 Clinical Trial Not Allowed) <https://www.grants.gov/web/grants/view-opportunity.html?oppld=309140>

NLN Nursing Education Research Grants

The NLN is deeply committed to supporting beginning researchers as well as accomplished nursing education scholars. The NLN awards **three to five research grants annually up to \$30,000 each** to NLN individual members and faculty of NLN member schools.

For more information:

<http://www.nln.org/professional-development-programs/grants-and-scholarships/nursing-education-research-grants/nln-nursing-education-research-grants-proposal-guidelines>

Honors & Awards

Congratulations to **Tracy Crane** who was selected as a 40 under 40 Honoree by the Tucson Hispanic Chamber of Commerce & the Daily Star!

Congratulations to **Sheila Gephart** on receiving the Council for the Advancement of Nursing Science Brilliant New Investigator Award in September 2018!

Congratulations to **Michelle Kahn-John** who will be receiving a community award based on her work for the Navajo Nation, at the 21st Diné Studies Conference on October 27, 2018!

Writing Resources

Campus Connections Workshop: Grant Writing 101

OCTOBER 5, 2018. 1:30p-3:00p.
Old Main Silver & Sage Room



To help you craft a successful grant proposal, expert presenters will provide practical tips on the nuts and bolts of writing effective proposals and working with a broad range of funding agencies (e.g. NEH, NIH, NSF, USDA) to build support for your projects. Learn about the full life-cycle of a grant proposal from identifying funding opportunities to crafting a competitive proposal to what happens after submission. Time will be provided for discussion and questions. Open to



RESEARCH NEWS

September 2018

faculty, postdocs, graduate students and staff. Organized by the Office of Faculty Affairs as part of the Campus Connections workshops. Space is limited and advance registration required. [Register to reserve your seat](#)

RDS Webinar Series: “NIH R01: Preparing for Proposal Submission”

OCTOBER 10, 2018. 12:00p-1:30p.
Marshall 531



Presented by [Jamie Boehmer, Ph.D., Senior Associate](#). The webinar will provide an overview of choosing an appropriate NIH funding mechanism, using NIH RePORTER, and communicating with federal Program Officers. Participants will learn the important distinctions between different NIH mechanisms, how to determine what has been funded by the different NIH Institutes and Centers (ICs), success rates by IC and mechanism, choosing the appropriate study section, and how to find and communicate with NIH Program Officers. [Register through UAccess Learning](#) then [Register to attend via Zoom](#)

RDS Brown Bag Series: “Project Evaluation Basics: Evaluation for Grant Writing”

OCTOBER 11, 2018. 12:30p-2:00p.
Marshall 531



Please join us for the next event in the 2018-2019 Research Development Services Brown Bag Series, “Project Evaluation Basics: Evaluation for Grant Writing” presented by [Jennifer Fields, Research Development Associate](#). This workshop will introduce researchers to the basics of formative and summative evaluation. Participants will learn how to develop a robust evaluation plan for their proposed project and will leave with evaluation

tools and resources, including contact information for University and external evaluators.

[Please register to reserve your seat!](#) Course code: UA-1491-3. [Register to attend via Zoom](#)

Funding & Awards

****6 grants funded since the August newsletter****

1. **Allison, T. & Love, R.** Title: DNP Nurse Practitioner Outcomes & Workforce Implications. Agency: HRSA
2. **Badger, T., Chalasani, P., Crane, T., Segrin, C., Wong, D.** Title: Post-chemotherapy Symptom Management: Testing Intervention Sequences in a SMART Design. Agency: National Cancer Institute
3. **Gordon, J.S.** Title: An Intervention to Reduce Second Hand Smoke Exposure Among Pediatric Emergency Patients. Agency: Cincinnati Children’s Hospital Medical Center (continuation/supplement)
4. Kraft, A., Algotar, A., **Crane, T., Garland, L., Gordon, J., Lussier, Y., & Thomson, C.** Title: Responsive Engagement and Cessation in Cancer Health (REACCH). Agency: National Cancer Institute Cancer Center Support Grant (continuation/supplement)
5. **Prettyman, A., Shea, K., Pacheco, C., & Badger, T.** Title: Rural Telehealth Certificate Program. Agency: HRSA
6. Taren, D., **Love, R., Kiser, L., & Carson, S.** Title: Advanced Nurse Education Sexual Nurse Assault Examiner Program. Agency: HRSA



RESEARCH NEWS

September 2018

Research & Scholarship Updates

Pending Grant Proposals

Proposals submitted since the August newsletter

1. **Gordon, J.** Title: Development and Evaluation of a Responsiveness-Based Multimedia Intervention to Improve Support for Smoking Cessation with Latinas. Agency: Oregon Research Institute
2. **Gordon, J.** Title: E-Cigarettes in Private Dental Practice Settings: Feasibility and Outcomes. Agency: University of Maryland
3. Liaupsin, C., Perfect, M., **Silva-Torres, G.** Title: University-School-Hospital Alliances for Research on Educational Success (U-SHARES): Examining Policy, Practices, and Outcomes to Safeguard Chronically Ill Children. Agency: William T. Grant Foundation

Articles Submitted

1. Hansten, P.D., Horn, J.R., Boyce, R.D., Rosko, S., **Gephart, S.**, Peters, L. & Malone, D.C. Epinephrine and beta-blocker drug interaction: in-depth analysis for clinical decision support. *Drug Safety*.
2. Wang, J., **Gephart, S.**, Mallow, J., & Bakken, S. Models of collaboration and dissemination for nursing informatics innovations in the 21st century. *Nursing Outlook*.

Articles Published

1. **Kiser, L.** Title: Women, Migration, and the Challenges of Health Care on the US-Mexico Border. *Quickening*. 2018; 49(3) 36-37.
http://midwife.org/acnm/files/ccLibraryFiles/Filename/000000007090/QuickeningSumm er18_final_09_09_2018_optimized.pdf
2. **Towers, V.** (student), **Goldsmith, M.**, & **Goldsmith, P.** (2018). Zika Virus: Patient Education Recommendations. *Advances in Neonatal Care*, 18(5), 360-365. doi: 10.1097/ANC.0000000000000548

Presentations

1. **Crist, J.D.** *Why Mexican American Caregiving Families Choose to Use or Not Use Long-Term Support Services* (invited). The International Conference on Aging in the Americas. Tucson, AZ. September 20, 2018.
2. **Dowling, E.M.**, **Crist, J.D.**, **Shea, K.D.**, & **Phillips, L.** *Gender Differences in End-of-Life-Care in Older Mexican American Adults* (invited poster presentation). The International Conference on Aging in the Americas. Tucson, AZ. September 20, 2018
3. **Gephart, S.** *Precision health research and implementation reviewed through five synergistic principles: Clinical decision support needed to achieve precision health*. Council for the Advancement of Nursing Science. Washington, D.C. September 14, 2018.