



## RESEARCH NEWS

February 2019

### Research News

#### Reminder to Address Inclusion of Individuals Across the Lifespan in Grant Applications

Effective for due dates January 25, 2019 or later, keep in mind the following changes to your applications and progress reports. [Continue reading](#) →

#### Updated NIH Policy for Resubmission of New Investigator R01 Applications

The NIH Center for Scientific Review and National Institute of Mental Health will no longer offer a special deadline for new investigator resubmission applications. This change goes into effect starting with R01 applications submitted for due dates on or after January 25, 2019. [Continue reading](#) →

#### Note 2-Step Submission Process for RPPRs with Inclusion Enrollment Data

With the launch of the new Human Subjects System (HSS), there is now a new two-step submission process for any Research Performance Progress Reports (RPPR) reporting inclusion enrollment updates. [Continue reading](#) →

#### Notices of Special Interest

You may have noticed a growing trend at NIH to issue notices that highlight scientific areas of special interest. NIH Institutes and Centers have been increasingly using this approach as an alternative to issuing or reissuing program announcements. [Continue reading](#) →

#### NIH National Center for Complementary and Integrative Health – Spring Lecture Series

“Microbes in our Gut: Emerging Insights on Health and Disease” is the focus of NCCIH’s Spring 2019 Integrative Medicine Research Lecture Series.

On March 14 at 11 a.m. ET, Dr. Sean F. Brady of The Rockefeller University will present a talk entitled “Watch Where You Step, There’s New Chemistry Everywhere.” Dr. Brady will describe new techniques that make it possible to study bacteria that can’t be grown in the laboratory and explain how these methods may lead to the identification of new antibiotics and better understanding of the human microbiome.

On May 9 at 11 a.m. ET, Dr. Maria Gloria Dominguez-Bello of Rutgers University will speak on “Gut Microbes in a Disruptive Age.” Dr. Dominquez-Bello will explain how the microbial community in our digestive tracts is transmitted through generations, how various aspects of modern life may change this community, and the impact that these changes may have on human health.

On June 10 at 11 a.m. ET, Dr. Isaac Chiu of Harvard Medical School will present the lecture “Bacteria Get on Your Nerves: How Bugs Modulate Pain and Immunity.” Dr. Chiu will tell us about ways in which bacteria interact with the nervous and immune systems and how the growing knowledge in this area may lead to new treatments for chronic pain and inflammatory diseases.

All lectures will be streamed on [NIH Videocast](#) and [Facebook Live](#).

[Find out more](#)

#### RDS Brown Bag Series: “Connecting and Working with Program Officers”

March 20, 2019 @ 12:00-1:30pm, Marshall 531

Presented by Jamie Boehmer, MS, Ph.D., Senior Associate. Often researchers will be encouraged to contact their program officers when applying for federal awards. This session will cover why the recommendation occurs and how you can do so



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effectively. This course is offered in person through UAccess Learning and by webinar via Zoom.

### Women in Data Science Tucson

April 5, 2019 @ 8:30am-4:00pm, ENR2 Building

The Global WiDS Conference aims to inspire and educate data scientists worldwide, regardless of gender, and to support women in the field. This one-day technical conference provides an opportunity to hear about the latest data science-related research and applications in a number of domains, and connect with others in the field. The WiDS Tucson regional event will feature speakers and panelists from the University of Arizona and the Tucson Data Science Community. Free to attend but please register in advance. [Full Details and Registration](#)

### Advanced Topics in Implementation Science Webinar: Fireside Chat on Implementation Science and Systems Science

Wednesday, March 20, 2019, 3:00-4:00pm ET

Join us on Wednesday, March 20, 2019, 3:00-4:00pm ET, Dr. David Chambers will be joined by Drs. Stephanie Wheeler and Lindsey Zimmerman in a discussion on systems science methods and systems-based approaches at the intersection of implementation science. For those interested, we were joined in 2016, by Dr. Douglas Luke for a didactic overview of systems science methods, [archived online](#). Drs. Wheeler and Zimmerman will kick off a broader follow up discussion and welcome questions from participants. [Registration is required](#).

### Advanced Topics in Implementation Science Webinar: Fireside Chat on Qualitative Methods in Implementation Science

Tuesday, March 26, 2019, 2:00-3:00pm ET

Join us on Tuesday, March 26, 2019, 2:00-3:00pm ET, Dr. David Chambers will be joined by Dr. Suzanne Heurtin-Roberts, Dr. Alison Hamilton, and Dr. Larry Palinkas for a discussion on qualitative

methods in implementation science. Drs. Heurtin-Roberts, Hamilton, and Palinkas all contributed to the recently released [Qualitative Methods in Implementation Science](#) (QualRIS) white paper which focuses on the multiple ways in which qualitative methods can be effectively used to answer a range of high priority implementation science questions and describes resources available to the field. The QualRIS paper will serve as a jumping off point for the session and a broader discussion of qualitative methods will follow.

[Registration is required](#).

### NCI/AcademyHealth Healthcare Delivery Research Visiting Scholars Program

Apply today for the opportunity to spend a year conducting research part-time at the National Cancer Institute (NCI) in Rockville, MD. The NCI/AcademyHealth Healthcare Delivery Research Visiting Scholars Program provides mid-career scientists the opportunity to develop new research directions and address high-priority needs for the field of health services research and health care delivery. This unique program offers a potential scholar the chance to advance both their own career goals and have an immediate impact on the field. Applications due March 25, 2019 by 5pm ET.

[For more information and to apply](#).

### Funding Opportunities

The University of Arizona's Office of Research, Discovery & Innovation (RDI), in collaboration with UA Global has revised co-funds these grants to support international research and academic program development. Applications are now being accepted through [UA Competition Space](#). More information is included below.



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### International Research & Academic Program Development (IRPD) Grants:

Award Cycle: Annual

Limit on Proposals per PI: An individual may participate as PI on one IRPD per cycle.

**Next Due Date:**

- Required Letter of Intent: March 13, 2019, 5pm MST
- Full Proposal: April 3, 2019, 5pm MST

**Earliest Start Date:** July 1, 2019

**Award Period:** July 1, 2019 - June 30, 2020

**Description:** IRPD grants are designed to jump-start and quickly grow either international research done by transdisciplinary collaborations, or the development of new academic programs in collaboration with international partner institutions.

**Track 1:** International Research Initiative: up to \$30,000 to be spent on activities leading to an extramural proposal submission for global research and development projects. An international collaborator and/or institution is required. Investigators should request funding at the level most appropriate to the project.

**Track 2:** International Academic Program Development: up to \$15,000 to be spent on activities leading to a new international student mobility initiative (student mobility initiatives may include: microcampus, early university programs, study abroad, student exchange, dual degree programs, pathway-to-degree programs, short-term study programs either inbound or outbound)

**Track 3:** International Research and Scholar Colloquium: up to \$10,000 to hold a colloquium ranging from 3-5 days at UA for international

visiting scholars from international partner institutions.

For more information or to apply visit [UA Competition Space](#).

Questions: [resdev@email.arizona.edu](mailto:resdev@email.arizona.edu)

### Faculty Seed Grants (FSG):

Award Cycle: Annual

Limit on Proposals per PI: An individual may participate as PI on one FSG per cycle.

**Next Due Date:**

- Required Letter of Intent: March 13, 2019, 5pm MST
- Full Proposal: April 3, 2019, 5pm MST

**Earliest Start Date:** July 1, 2019

**Award Period:** July 1, 2019-June 30, 2020

**Description:** RDI funds these grants. These grants are designed to jump-start worthwhile projects by providing short-term, one-time support. FSG grants provide up to \$15,000 on a competitive basis and are available in three tracks: Early Career, Mid-Career, Arts, Culture & Society.

**Track 1:** Early Career: proposals must lead to the generation of data for new extramural proposals or a new line of scholarship or creative activity. Proposals should describe how this funding will support a new faculty member develop independence.

**Track 2:** Mid-Career: proposals must lead to the generation of data for new extramural proposals or scholarship. Mid-career faculty interested in taking their research in a new direction, or in developing their career to lead a future research center or institute, are encouraged to apply. Congratulations to Dr. Lisa Kiser for winning the DNP 10<sup>th</sup> Year



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Anniversary contest! Her poem titled “No Sufre Doble” [Don’t Suffer Twice] expresses the challenges and joys of working with refugees who are seeking healthcare.

**Track 3: Arts, Culture & Society:** proposals must advance an interdisciplinary collaboration or the generation of new data or a pilot project that will lead to new externally funded research, creative, or scholarly activities in the arts, humanities, and social sciences.

For more information or to apply visit [UA Competition Space](#).

Questions: [resdev@email.arizona.edu](mailto:resdev@email.arizona.edu)

### Department of Health and Human Services Centers for Disease Control - NCCDPHP

Multiple Approaches to Support Young Breast Cancer Survivors and Metastatic Breast Cancer Patients

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=310243>

### Department of Health and Human Services National Institutes of Health

Tobacco Regulatory Science (R01 Clinical Trial Optional)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=313135>

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Senior Fellowship (Parent F33)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=313108>

Pilot Services Research Grants Not Involving Clinical Trials (R34 Clinical Trial Not Allowed)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=313136>

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research (Parent F31)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=313159>

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=313148>

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=313150>

High impact, Interdisciplinary Science in NIDDK Research Areas (RC2 Clinical Trial Optional)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=313287>

Mechanisms Underlying the Contribution of Sleep Disturbances to Pain (R21 Clinical Trial Optional)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=313325>

Mechanisms Underlying the Contribution of Sleep Disturbances to Pain (R01 Clinical Trial Optional)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=313326>

Post-Stroke Vascular Contributions to Cognitive Impairment and Dementia (VCID) in the United States Including in Health Disparities Populations (U19 Clinical Trial not Allowed) ([RFA-NS-19-012](#))

National Institute of Neurological Disorders and Stroke - National Institute on Aging

Application Receipt Date(s): April 17, 2019, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding



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opportunity. Announcements are due on this date. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

### Cutting Edge Research Seminars

1:00-2:00pm

CON 349

March 20

Dr. Kim Ogden, UA Interim Vice President for Research

### ONR Research Dialogue Meetings

1:00-2:30pm

CON 416

March 27

April 24

### Digital Health Interest Group

12:00-1:00pm

CON416

March 28

Fitabase – Jessica Lee

April 25

Gondy Leroy

### University of Arizona Department of Psychology Spring 2019 Colloquium Schedule

Unless otherwise announced, colloquia will be held on Fridays from 3 – 4:30 p.m. in the Modern Languages Building, Room 311. Light refreshments will be served before the colloquium.

SPRING	
Mar 15	Lori Markson, <i>Washington University</i> <i>Race and Children</i>
Mar 22	Buju Dasgupta, <i>The University of Massachusetts</i> <i>Title: TBA</i>
Apr 26	Emily Bianchi, <i>Emory</i> <i>From Individualism to Racial Attitudes: Some Psychological Implications of Recessions</i>



Congratulations to **Terry Badger** for being named Eleanor Bauwens Endowed Chair of Nursing! This honor is in recognition of her accomplishments as a nationally recognized nurse-scientist and leader in graduate education.

Congratulations to **Angela Brown** and **Beverly Bias** for receiving the Fab 50 Award from the Tucson Nurses Week Foundation!



Congratulations to **Lisa Kiser** for winning the DNP 10<sup>th</sup> Year Anniversary contest! Her poem titled “No Sufre Doble” [Don’t Suffer Twice] expresses the challenges and joys of working with refugees who are seeking healthcare.

# UPCOMING EVENTS



## RESEARCH NEWS

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### Research & Scholarship Updates

#### Pending Grant Proposals

##### Proposals submitted since the January newsletter

1. Allen, A.M., Armin, J.S., Bell, M.L., **Gordon, J.S.**, Macpherson, A.J., Moran, E.A., Subrin, J. (2019) Title: Development and Testing of an Adjunctive Behavioral Treatment for Opioid Use Disorder during the Postpartum Period. Agency: National Institutes of Health
2. **Crane, T.E.** & Thomson, C.A. (2019) Title: Smoking Cessation and Relapse Prevention in Newly Diagnosed Cervical Cancer Patients. Agency: National Institutes of Health
3. **Crist, J.D.** & **Shea, K.D.** (2019) Title: Tipping Points Pilot Study: Wearable Devices and Algorithms. Agency: Sigma Theta Tau International
4. **Gordon, J.S.** (2019) Title: Feasibility and Acceptability of a Responsiveness-Based Multimedia Intervention to Improve Support for Smoking Cessation. Agency: Oregon Research Institute
5. **Rainbow, J.** (2019) Title: Developing and testing an intervention to improve nurse health. Agency: National Institute for Occupational Safety and Health
6. Joseph, B.A., Fain, M.J., Saljuqi, A.T.K., & **Taylor-Piliae, R.E.** (2019) Title: Sustainable Fall Prevention System in Southern Arizona. Agency: Administration for Community Living

#### Funded Grant Proposals

##### Proposals funded since the January newsletter

1. **Badger, T.A.**, Chalasani, P., **Crane, T.E.**, Segrin, C.G., Wong, D.A. (allotment) Title: Post-Chemotherapy Symptom Management: Testing Intervention Sequences in a SMART Design. Agency: National Cancer Institute
2. **Gordon, J.S.** (continuation) Title: Integrated Second Language Learning for Chronic Care: A Model to Improve Primary Care for Hispanics with Diabetes. Agency: Ohio State University
3. **Loescher, L.J.**, Howerter, A.L., Muramoto, M.L. (allotment) Title: Massage Therapists Skin Health Awareness, Referral, and Education (MTsSHARE) to Reduce Skin Cancer Risk in Arizonans. Agency: Arizona Biomedical Research Commission
4. Perfect, M.M., Chin, C., Quan, S.F., **Silva Torres, G.E.**, Wheeler, M.D. (continuation) Title: Extending Sleep to Improve Glycemic Control in Pediatric Type 1 Diabetes. Agency: National Institute of Diabetes and Digestive and Kidney Diseases

#### Articles Submitted

1. **Gordon, J.S.**, Giacobbi, P.R., Armin, J.S., Nair, U.S., Bell, M., Povis, G. Testing the Feasibility of a Guided Imagery Tobacco Cessation Intervention Delivered by a Telephone Quitline: Study Protocol for a Randomized Controlled Feasibility Trial. *Contemporary Clinical Trials Communications*.



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2. **Pace, T.W.W., Badger, T.A.,** Segrin, S., Sikorskii, A., and **Crane, T.E.** Saliva C-Reactive Protein and Diurnal Cortisol Rhythm in Latina Breast Cancer Survivors and Their Informal Caregivers: Feasibility and Relationship with Health-Related Quality of Life. *Biological Research for Nursing*.

Diabetes Educator in April 2019. DOI: 10.1177/0145721719834245

2. **Kiser, L.** (2018). Women, migration, and the challenges of health care on the US-Mexico border. *Quickening*.
3. **Pool, N.M.** (2019). Nurses' experiences of establishing meaningful and effective relationships with American Indian patients in the cancer care setting. *SAGE Open Nursing*. <https://journals.sagepub.com/doi/10.1177/2377960819826791>
4. **Shea, K. D., Brewer, B. B., Carrington, J. M., Davis, M., Gephart, S., & Rosenfeld, A.** (2019). A Model to Evaluate Data Science in Nursing Doctoral Curricula. *Nursing Outlook*. doi:10.1016/j.outlook.2018.10.007
5. **Taylor-Pillae, R.E.,** Zeimantz, M.A., **Rosenfeld, A.G.** Stroke Survivors' Perceptions of Well-Being and Recovery After a Tai Chi Exercise Intervention. *Stroke* 50(Suppl\_1): AWP509, 2019. DOI: 10.1161/str.50.suppl\_1.WP509.

### Articles in Press

1. Brady, B.R., **Crane, T.E.,** O'Connor, P.A., Nair, U.S., Yuan, N.P. E-Cigarette Use and Smoking Cessation in a State-Based Quitline. Accepted for Publication February 2019 at *Journal of Smoking Cessation*.
2. **Crane, T.E.,** Y. Abdel L., Wertheim, B.C., Kohler, L., Garcia, D.O., Rhee, J., Sequin, R., Kazalaukaite, R., Shikany, J., Thomson, C.A. Does Season of Reported Dietary Intake Influence Diet Quality? Analysis from the Women's Health Initiative. Accepted for Publication February 2019 at *American J. of Epidemiology*.
3. Frye, S.S., Perfect, M.M, **Silva, G.E.** Diabetes Management Mediates the Association between Sleep Duration and Glucose Control in Youth with Type 1 Diabetes Mellitus. *Sleep Medicine*. Available online, 16 February 2019.
4. Yuan, N.P., Nair, U.S., **Crane, T.E.,** Krupski, L., Collins, B.N., Bell, M.L. Impact of Changes in Home Smoking Bans on Tobacco Cessation. Accepted for Publication February 2019 at *Health Education Research*.

### Presentations

### Articles Published

1. Kindarara, D.M., **Silva, G.E.** Prevalence and Associated Risk Factors of Diabetes in the African Immigrant Population of Sacramento County, California, scheduled to appear in *The*

1. **Insel, K.** *Cognitive Aging and Self-Management: Opportunities for Technology*. Optimal Aging Colloquium Series. Atlanta, GA, January 16, 2019.
2. **Kiser, L.** *Arizona Nurses Address the Gun Violence Epidemic*. Nurses-Arizona Superheroes: 2018 Arizona Nurses Association Convention. Phoenix, AZ, September 28, 2018.
3. **Kiser, L.** *Providing Culturally Sensitive Care for Childbearing Women and their Families*. Tucson Neonatal and perinatal Nurses Conference. Tucson, AZ, August 24, 2018.



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4. **Kiser, L.** *Quien Es Mi Vecino: Global Health Issues in the Border Between Mexico and the United States.* Rotary International District Five Conference. Tucson, AZ, September 29, 2018.
5. **Kiser, L.** *Quien Es Mi Vecino: La Salud Es Un Derecho Humano En La Frontera Entre De México y Los Estados Unidos.* National International Nursing Conference, College of Sonoran Nurses. Hermosillo, MX, September 17, 2018.
6. **Taylor-Piliae, R.E., Zeimantz, M.A., Rosenfeld, A.G.** *Stroke Survivors' Perceptions of Well-Being and Recovery After a Tai Chi Exercise Intervention.* American Heart Association/ American Stroke Association, International Stroke Conference, Honolulu, HI, February 5-8, 2019.