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University of Tennessee Institute of Agriculture Sponsored Programs Office

2018 January

# Office of Sponsored Programs Newsletter

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## Message from the Director

### > *Happy New Year!*

The Office of Sponsored Programs is looking forward to another productive year. We hope your New Year's Resolution is to submit early and submit often!

One important article in this issue focuses on information regarding National Science Foundation (NSF). Dr. Sindhu Jagadamma attended a NSF Grants Conference and provided an article that shares what she learned. Also, we have included some of the major updates to the new Proposal & Award Policies & Procedures Guide (PAPPG) which impacts how we prepare applications to NSF. Thank you Dr. Jagadamma for sharing and we encourage others to share information as they learn it through our newsletter.

Some standard due dates for NIH are looming. New R01 due Feb 5, revised applications due March 16. New R21 and R03 are due Feb 16 and revised applications due March 16. New and revised applications for R15 are due February 25. Please contact [aggrant@utk.edu](mailto:aggrant@utk.edu) ASAP if you think you

may be applying.

Our three featured faculty this quarter are Drs. Madhu Dhar, Heather Wallace, and Kimberly Jensen. Please take a look at their articles to learn more about their areas of focus.

You may have heard that as of December 31, 2017, Grants.gov no longer allows applicants to download an entire application form package as a single PDF for offline completion and later submission. No worries, as our office submits Grants.gov applications using an institutional system-to-system method in Cayuse. This change will not affect us.

Jane and I are developing a New Investigator checklist to use when we visit new investigators to learn about their projects and to help them navigate the compliance and proposal submission issues pertinent to their work. We are close to having it complete and will be visiting with Deans and Department Heads for their blessing this month.

Stay warm and hope to hear from you soon!

Thank You,

*Debbie Hampstead*

by *Sindhu Jagadamma, Ph.D.* , ORCID 0000-0003-4831-3308

In November 2017, I attended a 2-day National Science Foundation (NSF) Grants Conference in Phoenix, AR. In addition to hundreds of in-person attendees, thousands of online viewers participated in the conference. NSF led plenary sessions covering topics such as types of NSF funding, proposal preparation, review process, and award administration. Breakout sessions gave attendees the opportunity to talk with NSF program officers from different divisions. NSF made live streaming of the conference available at no cost. The videos are available at:



<https://nsfgrantsconferences.com/2017/11/01/fall-2017-live-stream/>.

Some of the key information I learned from the conference are included below:

**Different proposal types:** I found the plenary session on NSF proposal types very informative. In addition to the standard research proposals, there are several other proposal opportunities targeted for specific purposes. Some of these unique opportunities include Rapid Response Research (RAPID) proposals, which is designed to address a severe urgency in research such as unexpected natural disasters; Early-concept Grants for Exploratory Research (EAGER) proposals to support high-risk, high-impact early concept ideas; Research Advanced by Interdisciplinary Science and Engineering (RAISE) proposals for interdisciplinary projects which need funding support from more than one program; Grant Opportunities for Academic Liaison with Industry (GOALI) proposal to stimulate collaboration between academic institutions and industry; and proposals to conduct conferences in special areas, to purchase specialized equipment, to support international travel, and to support graduate and postdoctoral research. NSF strongly encourages proposers to discuss ideas with respective program managers before submitting these specialized proposals. It is also important to note that most of these special proposals are normally reviewed internally. NSF also supports early career faculty through its prestigious The Faculty Early Career Development Program (CAREER).

**No submission deadline:** Under this model, the proposers are allowed to submit a full proposal at any time of the year without going through the process of submission of a letter of intent and pre-proposal. RAPID, EAGER, and RAISE proposals may be accepted throughout the year, but you must contact your NSF program officer before submitting to discuss your project and why it is the appropriate funding mechanism. Some pilot programs in the Geosciences and Biological Sciences Directorate have already demonstrated benefits from changing to this model. More programs (e.g., most programs under the Directorate of Biological Sciences) are going to switch to this model in 2018. Some programs such as CAREER will not adopt the no-deadline policy.



**Grants.gov and Fastlane:** Although proposals can be submitted via NSF Fastlane system or Grants.gov, NSF officers seemed to prefer Fastlane over Grants.gov. Also, collaborative proposals submitted separately from multiple organizations must be submitted through the Fastlane system.

**Contacting program officers:** One point mentioned throughout the conference was the importance of contacting NSF, especially to see if your proposed work is of interest to the particular division and is in line with the NSF goals and objectives. NSF's motto "**Ask Early, Ask Often**" reiterates the importance of getting in touch with the program officers in advance of submitting the proposals.

*Continued on page 3*

## NSF Updates for 2018

NSF's new Proposal & Award Policies & Procedures Guide (PAPPG), which was released to the community on 10/30/2017, is effective for proposals due 1/29/2018. Please refer to the Guide for complete instructions [https://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf18001](https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf18001). Just a few of the major changes are noted below:

- **Collaborators & Other Affiliations Information** must be provided through the use of a standard NSF COA template. If there are more than 10 senior personnel, the file must be saved as a .txt file rather than a .xls or .xlsx file.
- **Senior Personnel Salaries & Wages** – NSF limits total compensation for senior personnel to no more than 2 months' salary in any one year from all NSF funding. This year's guide clarifies that organizations are responsible for defining "year" and to specify this definition in the budget justification. UTIA and UTK define "year" as January through December.
- **Project Descriptions** must contain a header that says "Intellectual Merit".
- **Budget Justifications** may now be up to 5 pages for the proposal and 5 pages for each subaward.
- **Results from Prior NSF Support** for any PI or Co-I has been clarified to include active awards (including no-cost time extensions) and awards with an end date in the past five years.
- **Indirect Costs** amount must be included in the Budget Justification.
- **Vertebrate Animals and Human Subjects** – NSF specifies it is the organization's responsibility to be compliant for the *life of the project*. The Guide states additional IACUC/IRB approval is needed for substantial changes.
- **Foreign Organizations:** The eligibility of foreign organizations has been revised, and a new subcategory for Institutions of Higher Education has been added.

## Cayuse Reports

Department heads and business managers, access Cayuse Reports by logging in here:

<https://utsystem.tennessee.edu/sites/researchreporting/reports/Pages/default.aspx>

Some useful reports include:

- **Proposal Listing by Approval Date** – Proposals approved during time period with your department as the lead unit
- **Proposal Submitted by Personnel in my Department** – Includes 2 reports: (1) proposals submitted in Cayuse during the time period with your department as lead, and (2) proposals submitted by other departments with someone from your department on the team
- **Award Listing by Reporting Date Obligated Only** – Awards obligated during the time period with your department as lead unit
- **Award – by Personnel in my Department** – Includes 2 reports: (1) awards obligated during time period with someone from your department as lead PI, and (2) awards in other departments with someone from your department on the team

Contact Jane Burns at [janeburns@utk.edu](mailto:janeburns@utk.edu) or 865-974-7375 for help with Cayuse reports.





### Dr. Madhu Dhar, ORCID 0000-0002-0610-5351

Dr. Madhu Dhar, a Research Associate Professor, is the Director of the Regenerative Medicine program in the Department of Large Animal Clinical Sciences. She received her B.S. in Chemistry, M.S. in Biochemistry, and PhD in Chemistry with a major in Biochemistry from University of Pune, India. She is a trained molecular and cellular biologist.

Basic research in the laboratory of the Large Animal Regenerative Medicine is focused on the molecular, cellular and clinical principles of cell-based therapies for the treatment of bone, cartilage and nerve injuries. In the last 3 years, the program has developed strategies to integrate natural and synthetic biomaterials that can serve as scaffolds to deliver and enhance the function of adult mesenchymal stem cells in animals. The Regenerative Medicine team carries out basic research in isolation and characterization of adult mesenchymal stem cells from pigs, llamas, goats and horses but also uses them as a treatment modality in the clinic. Currently, the clinical research program is focused on using allogenic adult mesenchymal stem cells for the treatment of musculoskeletal injuries in client – owned horses. Dr. Dhar collaborates with Dr. David Anderson, Professor and Department Head, and the Clinical faculty in the Department of Large Animal Clinical Sciences; Dr. Alex Biris, Director of the Nanotechnology Center at Little Rock, Arkansas, Dr. Stacy Stephenson, a Plastic and Reconstructive Surgeon, at the University of Tennessee Medical Center and, Drs. Josh Campbell and Jack Gotcher, two Oral and Maxillofacial Surgeons, also from the UT Medical Center, on both basic and clinically-relevant projects.

Dr. Dhar says that she owes the success of the Large Animal Regenerative Medicine Program to the teaching and research opportunities that exist at the College of Veterinary Medicine.



### Dr. Heather Wallace

Heather S. Wallace, PhD, CFLE has served as an Assistant Professor and Human Development State Specialist with The University of Tennessee Extension for

nearly four years. She became involved with Extension as a graduate student working with her predecessor to create the Center for Parenting, of which she is now co-director. Dr. Wallace became a UT Vol at heart when she and her family moved to Tennessee in 1990. Since then, she has only deepened her love for the University of Tennessee as three-time graduate of the Child and Family Studies department. Her training included a strong focus on community engagement and integrated approach to family functioning, which has served her well in her Family and Consumer Sciences (FCS) work thus far.

Her career began as a Senior Program Evaluator for Centerstone Research Institute, where she gained a healthy respect for the importance of engaging clientele in meaningful ways that aided in program adoption, data collection, and reporting impacts. She has used these experiences in FCS to acquire over \$4 million in grant funds to date.

Grant partners include the Centers for Disease Control (CDC), Tennessee's Department of Children's Services, and eXtension. Most recently, Dr. Wallace had the pleasure of participating with eXtension's Impact Collaborative dedicated to supporting creative and innovative work within Extension.

In addition to grant activities, Heather created and introduced the nation's first curriculum dedicated to helping families navigate the impact of technology in their everyday lives. "Digi\_Life" has already been adopted by teams at Mississippi State and Michigan State Extension. Dr. Wallace's programming expertise and interests also include mental health issues and supporting relationships of all kinds (marriage, parenting, etc.).

Heather is married to her dream-mate, Joshua, with whom she shares a hilarious and wise 6-year-old son, Jackson.





### Dr. Kimberly Jensen

Originally from Navarro County, Texas, Dr. Jensen earned a Ph.D. in Agricultural Economics in 1986

from Oklahoma State University. Since that time, she has served on the faculty in the Department of Agricultural and Resource Economics at the University of Tennessee, where she is currently a Professor.

Dr. Jensen's research areas include analysis of agricultural marketing and consumer preferences, agribusiness development, and bioenergy markets. She has been an author on more than 300 publications, presentations, and book chapters with over 60 as peer reviewed journal articles. Dr. Jensen has been principle investigator or researcher on nearly \$5 million in grants and contracts across a wide range of governmental agencies and development groups including producer organizations, USDA, Tennessee Department of Agriculture, Tennessee Valley Authority, Department of Energy, and Environmental Protection Agency.

Her work in the area of consumer preferences has linked together consumers' willingness to pay for products with farm level and environmental issues, such as willingness to pay for producer adoption of environmentally beneficial production practices, products from renewable energy sources, and locally based foods. Her research efforts in the area of bioenergy have addressed producer adoption of renewable energy crops, economic impacts from renewable energy growth, and potential impacts of renewable energy policies. In addition, she is a co-author of the bi-annual *Economic Impacts of Agriculture and Forestry in Tennessee*. She is a co-founder of The Biobased Energy Analysis Group (BEAG) and The Agri-Industry Modeling and Analysis Group (AIM-AG) at the University of Tennessee.

Professionally, Dr. Jensen served in a number of leadership roles within the agricultural economics profession for both the Southern Agricultural Economics Association (SAEA) and the Agricultural and Applied Economics Association (AAEA). She served as SAEA's president in 2005, as well as board of directors, and other committee and coordinator roles. She is a 2018 recipient of the SAEA Lifetime Achievement Award.



## #FundingOpp >>>

- **USDA NIFA:** <https://nifa.usda.gov/page/search-grant>
- **NIH:** [http://grants.nih.gov/grants/funding/funding\\_program.htm](http://grants.nih.gov/grants/funding/funding_program.htm)
- **Non-NIH Opportunities for Predoctoral & Graduate Researchers:** [link](#)
- **Postdoctoral Non-NIH Opportunities:** <https://www.fc.nih.gov/Funding/NonNIH/Pages/postdoctoral.aspx>
- **NSF:** <http://www.nsf.gov/funding/index.jsp>
- **Grants.gov:** <http://www.grants.gov/>
- **PIVOT (University of Tennessee — Knoxville):** [https://pivot.cos.com/funding\\_main](https://pivot.cos.com/funding_main)
- **Tennessee State Government:** <http://www.tn.gov/ruraltaskforce/section/grants-resources>
- **Rural Assistance Center:** Various TN Funding Opportunities at <http://www.raonline.org/states/tennessee/funding>
- **Philanthropy News Digest (Foundation Center):** <http://philanthropynewsdigest.org/>
- **Morris Animal Foundation:** <http://www.morrisanimalfoundation.org/researchers/>
- **Grant Resources in Science, Math, and Integrated STEM:** <http://www.cesa2.org/programs/stem/STEMgrants.cfm>



## Compliance Lunch and Learn

Join us for 2018's first compliance lunch and learn

### *"Investigators BEWARE: Predatory Journals and Invitations"*

Rachel Caldwell, Librarian, will lead the discussion and be joined by Dr. Doug Hayes and Dr. Jennifer DeBruyn.

The lunch will be Thursday, **January 18**, at **noon** in room **156/157** of the **Plant Biotechnology Building**.

## Working with Human Subjects?

The new contact for UTIA investigators on most studies is **Sara Mulville, MA** (865-974-2314, [smulvill@utk.edu](mailto:smulvill@utk.edu)), who has been promoted to Assistant IRB Compliance Officer.

See details, as well as information about the revised Common Rule and the NIH Single IRB Policy, in the Knoxville-area Human Research Protection Program (HRPP) Newsletter, found at <https://irb.utk.edu/december-2017-hrpp-newsletter/>.



Left to Right : Debbie Hampstead, Jane Burns, Everly Manes, Liz Hebert, Will Helmrath, Cathy Creswell, Karin Langan, DeeDee Wilder, Kathy Dalton, Rumira Khaferaj

## > RESOURCES

- USDA NIFA Grant Training—<https://nifa.usda.gov/grant-training>
- USDA NIFA 2017 RFA Schedule—<https://nifa.usda.gov/request-application-rfa-schedule>
- NIH Standard Due Dates—<https://grants.nih.gov/grants/how-to-apply-application-guide/due-dates-and-submission-policies/due-dates.htm>
- *Storytelling in Grant Writing* — <http://grants-plus.com/?newswire=summer-2013-gp-newswire-storytelling-in-grant-writing>
- UT Data Services Guide— <http://libguides.utk.edu/dataservices>

**UTIA Office of Sponsored Programs Facebook & Twitter pages are avenues we use to keep you up to date with the ever changing events in Research Administration.**

An additional source of information is our web page. ([link](#))

You may submit questions, ideas or suggestions for improvements of our newsletter to [aggrant@utk.edu](mailto:aggrant@utk.edu).

