Tips/Lessons Learned in Submitting Proposals

First, Read and Re-read the Proposal Guidelines

Failing to use the acceptable font size or missing required sections can cause your proposal to be rejected without review. Reviews are important because they provide you with competitive information for future rounds and allow you to more strategically align your proposal to a program’s funding goals.

Funding Opportunities (from the past 7 days)
For previous funding opportunities, see http://teesresearch.tamu.edu/funding-opportunities/

LIMITED SUBMISSIONS
If you would like to receive all notices of limited submission opportunities, please email shelly.martin@tamu.edu. Note that if you are on this list, you will receive any and all announcements, whether or not they apply to you. All limited submission opportunities are also posted on the VPR’s site.

Limited Submission NIMHD Transdisciplinary Collaborative Centers for Health Disparities Research on Chronic Disease Prevention (U54) – Email of Intent Due September 3, 2015; Internal Proposal Due September 10, 2015

Air Force
Air Force Fiscal Year 2016 Young Investigator Research Program (link)

NIH
Limited Submission NIMHD Transdisciplinary Collaborative Centers for Health Disparities Research on Chronic Disease Prevention (U54) (link)
Development of Innovative Informatics Methods and Algorithms for Cancer Research Management (R21) (link)
NEI Audacious Goal Initiative: Discovery-based Science to Identify Factors Influencing Neural Regeneration in the Visual System (U01) (link)
BRAIN Initiative: Technology Sharing and Propagation (R03) (link)
NSF
NSF/DOE Partnership in Basic Plasma Science and Engineering (link)
Dear Colleague Letter: Special Guidelines for Submitting Collaborative Proposals under the NSF/ENG/ECCS - U.S.-Israel BSF International Opportunity (link)

ONR
Stand-off and Remote Improvised Explosive Device Detection and Neutralization (link)

Upcoming Events
See also http://teesresearch.tamu.edu/events/ for a complete listing and links to handouts/presentations

Lunch and Learn – RIG: Cybersecurity & Security of Cyberphysical Systems
September 22, 2015
12:00 p.m. - 1:30 p.m.
ETB 3002
Registration required – coming soon. Lunch will be provided.

Writing Successful Proposals Workshop Part 1
September 22, 2015
1:00 p.m. - 4:00 p.m.
Henderson Hall, Room 103
Registration required
Description: The workshop will cover the best practices for successful proposals to federal and other funding agencies. Questions will be taken at the end of the session until all have been asked.

Maestro Training for Research Portal Users
Dates: September 23, October 21
1:30 p.m. – 3:30 p.m.
To register for one of the dates listed above, email maestro@tamus.edu. Regional campuses can receive training via WebEx on request.

Write Winning NIH Grant Proposals
September 24, 2015
8:30 a.m. – 4:00 p.m.
Rudder Tower, Room 601
Registration required
Description: Faculty will learn how to present their case to review committees using proven tips and strategies; write with a linear progression of logic that leads the reviewers through the application; and write for two review audiences—assigned reviewers reading a proposal in its entirety and non-assigned reviewers reading critical sections only.
Budget Bits
September 25, 2015
1:30 p.m. - 3:30 p.m.
Wisenbaker 236C
Register in TrainTraq for Course #2112550 (Section 2267)
Description: This workshop will focus on planning and tips for strategic budget development to make your proposal more competitive. All sizes of projects—from single PI to multi-institutional—will be discussed. Major compliance issues will be covered. The intended audience is both new and moderately experienced proposers.

NSF Proposal Writer’s Group Inaugural Meeting
September 29, 2015
2:00 p.m. - 3:30 p.m.
Henderson Hall, Room 103
Registration required
Description: The workshop will cover strategies and considerations relevant to the successful creation or resubmission of proposals to the National Science Foundation. Questions will be taken at the end of the session until all have been asked and answered.

Demystifying the NSF!
October 1, 2015
1:00 p.m. - 3:30 p.m.
Henderson Hall, Room 103
Registration required
Description: The goal of this workshop will be to familiarize participants with the mission and structure of the National Science Foundation, the NSF merit review process, how to navigate the NSF website, and how to find relevant funding and other NSF related information.

3-Part Workshop Series Coming This Fall
Increasing Your Research Funding through Increasing Your Visibility – To the Public, To Your Peers and To Funders

Increasing Your Visibility to the Public – 2-part session
October 7 & 14, 2015
12:40 p.m. - 1:30 p.m.
ETB 2005
Important: Bring your own laptop. Participants will need to attend BOTH sessions.
Description: Many funders are influenced by their perception of you research, especially if the public is aware of the work you have done as a result of the funder’s grant. The first session will be about how to make yourself look good and get more people looking at you. The second session will be on how to actively push your message to the popular press – Presented by Dr. Bruce Gooch, Associate Professor of Computer Science and Engineering.
Increasing Your Visibility to Your Peers – 1 session  
October 19, 2015 – 1:30 p.m. - 3:00 p.m.  
OR  
October 23, 2015 – 9:30 a.m. - 11:00 a.m.  
ETB 3002  
Important: Bring your laptop. Participants can attend EITHER session.  
Description: Participants will know how to maximize their online scholarly identity (a researcher has no reputation if they have a poor online identity because no one can assess their profile), be able to characterize their scholarly impact, and be introduced to publishing strategies that maximize scholarly impact – Presented by Dr. Bruce Herbert, Director of Scholarly Communication, Texas A&M University Libraries.

Increasing Your Visibility to Funders – 1 session  
October 30, 2015  
1:00 p.m. - 2:30 p.m.  
ETB 3002  
Important: Bring your laptop.  
Description: This workshop will help researchers explain the value proposition of their research to potential funders in 2 minutes or less. The potential types of funders will be discussed along with an overview of what types of descriptions would best engage which funder. – Presented by Dr. Richard Malak, Assistant Professor of Mechanical Engineering, and Rodney Boehm, Industry Mentor, Engineering Academic and Student Affairs (EASA)

NSF Broader Impacts Workshop  
October 7, 2015  
2:00 p.m. - 3:30 p.m.  
Henderson Hall, Room 103  
Registration required  
Description: The workshop will cover the strategies and considerations relevant to the Broader Impacts requirement of grant proposals submitted to the National Science Foundation. Questions will be taken at the end of the session until all have been asked and answered.

2nd NIH Regional Seminar on Program Funding & Grants Administration  
October 14-16, 2015  
San Diego, CA  
Information  
Registration required  
Description: The NIH Regional Seminar offers a comprehensive program for the NIH extramural community about the NIH grants process and related policies, including such topics as Fundamentals of the NIH, compliance, peer review, grant writing for success, pre-award and post-award issues for administrators and investigators, animal and human subject research, and how to interact electronically with NIH. In addition to a strong, track for of sessions for administrators, a redesigned track for new investigators will provide step-by-step guidance on mapping your career, an understanding of the funding process and what can be expected up to the time of award. To add to the array of topic choices, special interest
sessions are provided on topics like research integrity, data sharing, foreign collaborations, and more.

**Finding and Responding to Funding Opportunities**

October 23, 2015  
1:30 p.m. - 3:30 p.m.  
Wisenbaker 236C  
Register in TrainTraq for Course #2112551 (Section 2268)  

**Description:** The intended audience is both new and moderately experienced proposers. Potential federal and state funders will be discussed including agency culture, finding funding opportunities, assessing competitiveness, contacting program officers, and reading RFPs. This workshop requires computer access for hands-in interactions. Participants are responsible for providing their own access via laptop or tablet.

**Cancer Prevention and Research Institute (CPRIT) Innovations in Cancer Prevention and Research Conference**

November 9-10, 2015  
Renaissance Arboretum Hotel  
Austin, Texas  
Information – Registration to be announced

**Review Process**

November 13, 2015  
1:30 p.m. - 3:30 p.m.  
Wisenbaker 236C  
Register in TrainTraq for Course #2112552 (Section 2269)  

**Description:** Interactive workshop includes mock review panels, discussion of the review process and provides tips to successfully maneuver through the proposal review process.

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**Research News**

**Texas A&M Receives $3 Million NSF Grant to Train Graduate Students**

Texas A&M University has received a five-year, $3 million grant from the National Science Foundation for graduate training and research. Texas A&M is one of only 10 institutions recognized nationwide with the award, out of approximately 200 proposals that were received by the NSF for the current funding cycle.

The NSF Research Traineeship (NRT) program titled “Data-Enabled Discovery and Design of Energy Materials (D³EM)” will provide approximately 40 NRT fellowships over a period of five years to graduate students from six different departments—materials science and engineering,
mechanical engineering, chemical engineering, electrical engineering and computer science, as well as physics and chemistry—across the colleges of science and engineering. In addition to the NRT fellows, D³EM will support two Ph.D. students who will evaluate the pedagogical impact of the program.

Co-investigators include Dr. Joseph H. Ross, professor, Department of Physics and Astronomy; Dr. Debra Fowler, associate director, Center for Teaching Excellence; Dr. Richard Malak, associate professor and Morris E. Foster Faculty Fellow I, Department of Mechanical Engineering; and Dr. Edward Dougherty, Robert M. Kennedy ’26 Chair Professor and Distinguished Professor, Department of Electrical and Computer Engineering.

Dr. Jodie Lutkenhaus, assistant professor and holder of the William and Ruth Neely Faculty Fellowship, Department of Chemical Engineering; Dr. Miladin Radovic, associate professor and associate department head, materials science and engineering; Dr. Hongcai (Joe) Zhou, Davidson Professor in Science, Department of Chemistry; and Dr. Douglas Allaire, assistant professor, mechanical engineering; are also members of the core team responsible for the design and deployment of D³EM.

Other D³EM affiliated faculty include Ibrahim Karaman, department head, materials science and engineering, Patrick Shamberger, assistant professor, materials science and engineering; Dimitris Lagoudas, senior associate dean for research; Alan Needleman, professor, materials science and engineering; Sarbajit Banerjee, professor, chemistry; Tahir Cagin, professor, materials science and engineering.

The D³EM team will join forces to develop the graduate curriculum with a pedagogical model developed in partnership with the Center for Teaching Excellence. The program will create a new training model to equip M.S and Ph.D. students with the skills to conduct interdisciplinary research in materials science, informatics and engineering design. Moreover, the interdisciplinary curriculum will also include energy and entrepreneurship-related courses and activities through partnerships with the Texas A&M Energy Institute and the Center for New Ventures and Entrepreneurship at the Mays Business School.

To view the complete story, please visit the website.

**Nepal, Cortez and Johnson Awarded National Science Foundation Advanced Technological Education Grant**

Dr. Bimal Nepal, Dr. Monica Cortez and Dr. Michael Johnson have been awarded a $409,000 National Science Foundation (NSF) Advanced Technological Education (ATE) grant for their collaborative research in providing an adaptive learning environment for high school and community college students who are interested in acquiring high value manufacturing skills. These skills encompass a superior knowledge in production, which drives the growth and success of the advancement of manufacturing as a whole.

Dr. Bimal Nepal associate professor in the Department of Engineering Technology and Industrial Distribution at Texas A&M University is the principal investigator on the proposal. Dr. Monica Cortez, former director of the Texas A&M Engineering Academies and Workforce Development
Programs, and Dr. Michael Johnson, associate professor and program coordinator of Manufacturing and Mechanical Engineering Technology in the Department of Engineering Technology and Industrial Distribution Nepal are the co-principal investigators on the project.

The ATE grant will provide students an avenue to meet the engineering workforce needs of Texas and the nation. The Dwight Look College of Engineering has developed a unique program, the Texas A&M Engineering Academies, which, in addition to the grant, will offer students an opportunity to pursue an engineering degree while co-enrolled at Texas A&M and a partnering community college. The ATE grant will further the Texas A&M Engineering Academies response to the anticipated growth in the engineering industry expected by 2022.

The ATE grant program will provide an adaptive learning environment for students to attain the skills necessary to work in high value manufacturing to meet the needs of the oil and gas energy industry. Houston Community College’s (HCC) Petroleum Engineering Technology program and Manufacturing Engineering Technology program and Texas A&M’s Department of Engineering Technology and Industrial Distribution are working to create a sustainable certificate program in high value manufacturing. The certificate would offer multiple tracks for community college students and the curriculum would meet the critical workforce needs of a vital industry.

To view the complete story, please visit the [website](#).

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**Collaborators Corner**

If you are looking for collaborators for a project/proposal or a piece of equipment, email your request to [researchnews@tees.tamus.edu](mailto:researchnews@tees.tamus.edu) for inclusion in the next newsletter. If you can help, please email the requestor directly.

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