Dear Colleagues,

I hope all of you have had a productive and rewarding fall semester!

Before the semester comes to a close, I want to make you aware of recent activities undertaken by the Research Enterprise Development groups and bring you up-to-date on some of our recent funding successes.

ASU continues to do very well in terms of research funding. For example, we have received 102 awards through ARRA, for a total of more than $87 million, creating 168 new jobs. Most of the funding—more than $31 million—comes from the Department of Energy (DOE). Currently, ASU has over $220 million in ARRA proposals under review, and almost $526 million in proposals were submitted. Thank you for all of your hard work that helps to propel our research mission forward.

Efforts to secure large interdisciplinary projects have also continued with success. The Decision Center for a Desert City received a five-year renewal from the NSF and our effort to develop next-generation biofuels was bolstered by support from the DOE and Science Foundation Arizona (SFAz). Two NSF Engineering Research Center (ERC) proposals were submitted and both were selected for site visits. We were the only university to have two proposals in the final round. A large interdisciplinary team from our Global Institute of Sustainability (GIOS) submitted a $30M proposal to the NSF for the creation of an International Environmental Synthesis Center. This team was one of the two finalists selected for a site visit.

Overall, with your tremendous efforts we continue to make rapid strides in achieving our goal of significant research impact and increasing research investment.

Please visit the OKED website (http://asuresearch.asu.edu/) to learn more about research opportunities and assistance provided by OKED, upcoming events, recent awards and the latest news on research advances from your colleagues.

I wish you a happy holiday season and look forward to working with all of you in 2011.

Sethuraman “Panch” Panchanathan
University Chief Research Officer
panch@asu.edu
Research Strategy Group Updates

The Research Strategy Group (RSG) facilitates research advancement through 1) the identification and dissemination of research funding opportunities, 2) large-scale proposal development, and 3) promotion of interdisciplinary, pan-ASU and external collaborations and research initiatives.

Research Forums
RSG hosted a number of events over the past two months to facilitate research collaboration, including three RSG-sponsored Research Forums:

• The first forum focused on defining an overarching vision for Neuroscience research at ASU, and included the identification of key areas researchers would like to develop over the next three to five years.
• A second forum was held to discuss potential projects in the areas of obesity and diabetes.
• The final forum, in conjunction with the Associate Vice Provost of the Graduate College, involved discussions of strategies for the development of Interdisciplinary Ph.D. Programs.

Plans are underway for a February forum tentatively titled, “Strategies for Creating Successful NIH Proposals.” As the date nears we will provide more details to the research community.

ASU-Mayo Research Summit
The annual ASU-Mayo Research Summit was held in Scottsdale on October 2. Presentations and a poster session highlighted joint ASU-Mayo research projects. Also in October, the 2011 ASU Mayo Seed Grant competition closed and awards were made to five ASU-Mayo teams. ASU awardees include Boaxin Li, Gary Marchant, Matthew Scotch, Cheryl Nickerson and Claudia Murphey. Congratulations to all!

Limited Submissions
With the help of the research deans, we established a pool of researchers willing to facilitate Limited Submissions review panels. The pool will help ensure that reviews are conducted in a timely fashion by faculty members who represent both the appropriate research areas and a broad cross-section of colleges, departments and schools.

Reminder: To receive up-to-date, actionable, customized funding opportunity notifications, set up RSS feeds at http://funding.asu.edu

Research Policy and Assurance Group Updates

Research Policy and Assurance aims to achieve and maintain ethical principles, and facilitates compliance with federal, state and university regulations governing research. Areas supported include Human Subjects, Animal Care, Conflict of Interest, Biosafety, Research Misconduct, Export Controls and Responsible Conduct of Research.
NIH Outreach Seminar@ASU

The National Institutes of Health will present an outreach seminar in Phoenix from April 27th through 29th at the Talking Stick Resort (Indian Bend Road and the 101). The seminar is designed to demystify the application and review process, clarify federal regulations and policies, and highlight current areas of special interest or concern. We especially encourage “young” NIH investigators, investigators currently funded by NSF and other agencies but who would like to be funded by NIH, to attend. Learn from NIH experts who will provide insights and helpful hints on preparing applications for submission. Learn how to avoid the most common mistakes in writing grant applications and correct some typical misconceptions about the grant review process. Go inside a Study Section meeting and see a mock study section. There will be opportunities for ASU faculty and staff to volunteer at the seminar with resultant rebates on the cost of attendance. Please visit our website (http://asuresearch.asu.edu) for more details.

Responsible Conduct of Research

The academic year is in full swing and ORIA is in the midst of planning a suite of educational programs for your students and postdoctoral researchers. Upcoming workshops will cover subjects ranging from research misconduct to peer review to publication practices and responsible authorship. If you would like to host a workshop, or if you have a good idea for a topic, contact ORIA at research.integrity@asu.edu. Check their website (http://researchintegrity.asu.edu) frequently for new additions. Also, note their Topic of the Month—“Strategies to Avoid Plagiarism” (http://researchintegrity.asu.edu/RCR/tom) for you to use with your students and postdocs.

Payments to Human Subjects

All research activities involving the use of human subjects must be reviewed and approved by ASU’s Institutional Review Board (IRB), a faculty-led committee. Written approval from the IRB is required before data collection, recruitment or any other activities can begin. ORIA has recently posted a guidance document that explains some of the nuances involved in payment of human subjects and compliance with FIN 421-05. We encourage all PIs and researchers who work with human subjects and staff to review both this document and FIN 421-05. Please contact ORIA (researchintegrity@asu.edu) if you have any questions.

Conflict of Interest

In the last issue of this publication we mentioned that we were working to combine both the required research and the state conflict of interest (COI) disclosure forms into a single, easy-to-complete online disclosure form. We are happy to report that this effort has been completed; the annual questionnaire and disclosure form have been revised and the ORIA website has been revamped. Please log on to ORIA’s website at http://researchintegrity.asu.edu/coi and let us know what you think.

Research and Sponsored Projects Policies

Did you know that all research and sponsored projects policies are constantly reviewed and analyzed to ensure that they are up-to-date with respect to federal regulations and that they clearly state ASU policy? Any revisions are made promptly and the policies uploaded to the web. The newest policy to be
added to the RSP manual is RSP 214, “Export Control”. Please let us know if you have any questions about this or any other RSP policy.

**Research Operations Group Updates**

**Research Operations** encompasses all of the activities that assist with preparing proposals, reviewing and submitting them to sponsors, negotiation and setup of sponsored projects, and management of awards.

**Research Operations Functions**
Over the past year, there have been significant changes to the organization and staffing in Research Operations. Our current organizational chart and descriptions of roles/responsibilities of the Research Advancement Team and the ORSPA teams are available at [http://researchadmin.asu.edu/administration](http://researchadmin.asu.edu/administration). Please visit this site to learn more about what services are available to assist you with your research.

**Important NSF Updates**
The recently released [NSF Grant Policy Guide](http://www.nsf.gov), effective for proposals submitted or due on or after January 18, 2011, includes the following significant changes:

- All proposals must describe plans for data management and sharing of the products of research, or assert the absence of the need for such plans. Fastlane will not permit submission of a proposal that is missing a Data Management Plan. Cross-references are included in the Project Description section (II.C.2.d), the Results from Prior NSF Support (II.C.2.d(iii)), Proposals for Conferences, Symposia and Workshops (II.D.8), and the Proposal Preparation Checklist (Exhibit II-1). The Data Management Plan will be reviewed as part of the intellectual merit or broader impacts of the proposal or both.

- Inclusion of voluntary committed cost sharing is prohibited. In order to assess the scope of the project, all organizational resources necessary for the project must be described in the Facilities, Equipment and Other Resources section. The description should be narrative in nature and must not include any quantifiable financial information. Mandatory cost sharing will only be required when explicitly authorized by the NSF Director.

**Important NIH Updates**
NIH has updated their Grants Policy Statement effective for all NIH grants and cooperative agreements with budget periods beginning on or after October 1, 2010. See the following link: [http://grants.nih.gov/grants/policy/nihgps_2010/index.htm](http://grants.nih.gov/grants/policy/nihgps_2010/index.htm). A few of the significant changes are highlighted below. For a full listing, please review the Significant Changes document which is available at the link above.

- Beginning with due dates on or after January 25, 2011, NIH will eliminate the error correction window from the application submission process. In order to be considered on time, the application must be submitted by 5.00 p.m. local time. Any application received after this time will be subject to the NIH late policy and may not be accepted for review.
• In an effort to stimulate new research, NIH has implemented a new time limit between submissions of a New, Renewal or Revision application and a Resubmission (A1 version). Resubmissions will not be accepted 37 months after the receipt date of the original submission. This policy impacts resubmissions intended for submission January 25, 2011 and after.

• Up to 3 pages of post-submission application materials for Institutional Training Grants (T series, D43, K12, KM1, U2R, U54) will be allowed to present new information or data about the applicants that was not available at the time of application submission. For a detailed list of the acceptable post-submission materials, please refer to the full NIH GPS.

Research Facilities Group Updates

Research Facilities focuses on management of research space and support of core research facilities. Presently, OKED has ten buildings under its auspices that are dedicated to research activities:

- Biodesign Institute, Bldg. A
- Biodesign Institute, Bldg. B
- Interdisciplinary Science & Technology, Bldg. 1
- Interdisciplinary Science & Technology, Bldg. 2
- Interdisciplinary Science & Technology, Bldg. 3
- Interdisciplinary Science & Technology, Bldg. 4 (under construction)
- Interdisciplinary Science & Technology, Bldg. 5
- MacroTechnology Works at ASU Research Park
- Arizona Biomedical Collaborative (ABC1)

We are advancing construction on what will be our largest research facility, the $160-million, 294,000-gross-square-foot Interdisciplinary Science and Technology Building 4 or ISTB 4. The structure, located at Terrace Road and McAllister Avenue in Tempe, will enable the expansion of some of ASU’s most research-intensive programs in the sciences and engineering. Expected to be completed in spring 2012, ISTB 4 is intended to receive LEED Silver Certification for sustainability. Its construction will create 1,480 jobs plus 6,120 support jobs with a total economic impact of $563.3 million. Once operational, it will provide 600 on-site jobs and support 3,050 additional jobs with a total economic impact of $283 million annually.
Research Matters!

That’s the message the OKED communications team is delivering to the public. We spotlight ASU research activities, achievements and impact using a variety of media. Please send your story ideas to Sheilah Britton, OKED Director of Media Communications (sheilah.britton@asu.edu), or Diane Boudreau, OKED Editor (dianeb@asu.edu). Please visit our sites:

Profiles in Discovery (http://researchstories.asu.edu/profiles-in-discovery)
Research Stories (http://researchstories.asu.edu/)
Vimeo (http://vimeo.com/asuresearch/videos)
Facebook (http://www.facebook.com/ASUresearchmatters)
Twitter (http://twitter.com/asuresearch)