



UNIVERSITY of WASHINGTON

School of Forest Resources

RESEARCH NEWSLETTER ISSUE ONE, VOLUME 2

November 15, 2009

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NEWS ALERT – No more waivers!

Last November, the Office of Research announced that changes in submission deadlines for proposals. Effective January 22, 2009, Grants Information Memorandum 19 (<http://www.washington.edu/research/osp/gim/gim19.html>) was implemented. GIM 19 sets the deadlines for all submissions that have the potential to bring research funding into the University, including subcontract and collaborations that are routed through other institutions. The terms are this: no less than 10 business days prior to the sponsor deadline, the eGC1 and **final** versions of business-related elements of the proposal (budget, cost-share commitments, identification of required resources, etc.) are required. No less than 5 business days prior to the deadline the final application in ready-to-submit form, must be received in OSP. Any application received later than 12:00 noon 2 business days prior to the deadline will be returned to the PI and department contact.

When implemented, OSP made provisions to request waivers and has been fairly liberal in allowing researchers and units to submit on a more-relaxed schedule than that. However, now that a full year has passed, we are being held to the standards set out in GIM 19 – there will be **no waivers** issued for anything other than a call of proposals that was issued on such short notice that meeting the deadlines is unreasonable.

Please keep in mind that there are many researchers in Forest Resources, and many of them are working on the same submission deadlines. Now that OSP will no longer be flexible, we can't either. Beginning immediately, please begin working with the Forest Resources Grant Office on **any** grant, contract, joint venture agreement proposals, requests for extension or supplement, etc, **at least 3 weeks prior** to the sponsor deadline.

OPPORTUNITIES

PROVOST BRIDGE FUNDING PROGRAM *Upcoming Deadline: December 1, 2009*

The Provost's Office will provide bridge funding to support faculty to span the gap in critical research programs. The University of Washington ranks among the top research institutions in the world and has a budget of over \$1 billion in research grants and contracts. The UW and the region depend on the discoveries that come from our research programs.

Several key issues face us during the next few years: (1) NIH funding, which accounts for about half of our research funding, is flat; (2) starting and more established faculty face increased competition for limited federal and non-federal research funds; (3) investigators who have research staff may face loss of key personnel. The Provost's Bridge Fund is intended to bridge the gap between research grants for the purpose of maintaining critical research personnel, research resources, and research facilities. It is not intended to initiate new research projects. For those needs, researchers should apply to the Royalty Research Fund seed grant program

(<http://www.washington.edu/research/4researchers/rff.php>)

NSF Major Research Instrumentation Program: There is an institutional limit on the submissions, so the Office of research will be screening proposals. Each potential PI should email a brief letter of intent via the Chair and Dean to Peggy Fanning, (pfanning@u.washington.edu), by **December 2, 2009**. A letter of intent should include an abstract with the proposal, the type of instrumentation acquisition or development to be requested, and the approximate dollar value. The same applies for any proposals for instrument development. The review committee will select the two proposals for instrument acquisition or development, plus a third solely for instrument development. Notification will be sent to applicants immediately after the proposal review committee has made their decision. The full proposals will be due at OSP by January 18, 2010.

Strategic Environmental Research and Development Program (SERDP) is seeking to fund environmental research and development proposals. SERDP is DoD's environmental science and technology program, planned and executed in partnership with DOE and EPA. The Program invests across the broad spectrum of basic and applied research, as well as exploratory development. SERDP pursues solutions to DoD's most intractable environmental problems. Advances in the understanding and management of DoD's resources support the long-term sustainability of training and testing ranges and facilities. Innovative environmental technologies significantly reduce current and future environmental liabilities.

Proposals responding to focused Statements of Need (SON) in the following areas are requested:

- Environmental Restoration
- Munitions Management
- Sustainable Infrastructure
- Weapons Systems and Platforms

Proposals responding to the Fiscal Year (FY) 2011 SONs will be selected through a competitive process. Separate solicitations are available to federal and non-federal proposers. The SONs and detailed

instructions for federal and private sector proposers are available on the SERDP web site at www.serdp.org/funding.

The Core SERDP Solicitation provides funding in varying amounts for multi-year projects. For the Core solicitation, pre-proposals from the non-Federal sector are due by **Thursday, January 7, 2010**. SERDP also will be funding environmental research and development through the **SERDP Exploratory Development (SEED) Solicitation**. The SEED Solicitation is designed to provide a limited amount of funding (not to exceed \$150,000) for projects up to one year in duration to investigate innovative approaches that entail high technical risk and/or require supporting data to provide risk reduction or proof of concept. All SEED proposal are due by Thursday, March 11, 2010.

PROPOSALS FUNDED

Application Number: A51484
P.I.: Stanley Asah
Title: **Exploring Cultural Forest Ecosystem Services within a Framework for Forest Stewardship**
Agency: US Forest Service
Period: 08/24/09 - 12/31/10
Amount: \$30,000

The purpose of this agreement is to conduct a preliminary study of cultural ecosystem services (values) currently provided by National Forest lands, contribute to the problem analysis of identifying management challenges that an Ecosystem Services framework can address, and help identify knowledge gaps and research needs pertinent to Ecosystem Services provided by the forest. The Deschutes National Forest will be the study site.

Application Number: A53596
P.I.: Robert Edmonds
Title: **Weyerhaeuser Grant - Anna Leon**
Agency: Weyerhaeuser Company
Period: 12/16/07 - 12/31/09
Amount: \$7,967

Non-Competing Supplement

Application Number: A46367
P.I.: Kathy Wolf
Title: **Green Cities for Good Health: Sharing the Science About Human Health & Well-Being**
Agency: US Forest Service
Period: 09/17/09 - 12/31/12
Amount: \$50,000

Decades of scientific studies demonstrate the array of benefits provided by urban forests, generally grouped as environmental, economic and social. Human health and well-being is used here to describe social benefits, or the profound human need for nature in the everyday settings where people live, work, play, and learn. This project will complete a comprehensive review of science research, then prepare outreach materials, making the science accessible to practitioners throughout the U.S. We will assess and compile scientific studies across social science disciplines, and present this knowledge with highly usable hard copy and digital media. In Phase I research briefings will be prepared from science articles, across all categories of HHWB benefits. In Phase II, outreach fact sheets will be written to provide practical tools for professionals, NGOs, and concerned citizens. In Phase III additional knowledge sharing products will include Powerpoint presentations and digital delivery (such as webinars). Overall, the products portfolio will: 1) capture and communicate the full range of knowledge about health and well-being benefits provided by urban nature , 2) and provide accessible outreach and teaching tools for use across the U.S.

PROPOSALS SUBMITTED

Application Number: A53526

P.I.: Sharon Doty

Title: **Endophyte-assisted phytoremediation of PAH-contaminated material**

Agency: King County Department of Transportation

Period: 01/01/10 - 06/30/11

Amount: \$47,967

Our lab results have shown that some of the bacterial endophytes isolated from within poplar and willow were able to grow in the presence of naphthalene, phenanthrene and pyrene. We also tested five willow species for tolerance in medium containing PAHs. Analysis was done on GC-FID, and among the three PAHs, naphthalene disappeared completely in ten days while phenanthrene and pyrene decreased more slowly. Visual observations indicated that the plants grew in the presence of naphthalene. Our proposed research aims to develop an effective remediation strategy for the PAH-contaminated material that combines fast-growing willow trees with endophytic microorganisms with promising remediation capabilities. With DOE funding, we will 1) test a variety of willow species for the highest tolerance to the contaminated soil provided by the Department of Transportation (King County DOT); 2) inoculate the best-performing willow species with endophytes that degrade PAH's, and compare growth of the inoculated and uninoculated plants in the contaminated material; 3) measure removal of PAHs from the soil and presence of PAHs in the plant tissues using gas chromatography. By the end of the one and half year lab study, we will identify the best willow/endophyte "partnership" for removal and detoxification of PAHs in preparation for on-site remediation processes.

Application Number: A53596

P.I.: Robert Edmonds

Title: **Weyerhaeuser Grant - Anna Leon**

Agency: Weyerhaeuser Company

Period: 12/16/07 - 12/31/09

Amount: \$7,967

Non-Competing Supplement

Application Number: A54045

P.I.: Soo-Hyung Kim

Title: **APN-Plant Urban Response Network (PURN): A Regional Network of Plant Research in Response to Urbanization and Climate Change**

Agency: Asian Pacific Network for Global Change Research

Period: 07/01/10 - 06/30/12

Amount: \$88,706

Urbanization is not only a primary source of greenhouse gas emissions, cities themselves provide a surrogate system for examining the impact of near-term climate change conditions. Urban climate, in particular, can be a functional means to study morphological, phenological and physiological responses of plants to a warmer and CO₂ enriched atmosphere. We propose to create a coordinated network of APN scientists to investigate plant responses along the urban-rural gradient as an experimental system to study ecological consequences of climate change. The APN-Plant Urban Response Network (PURN) will serve as affordable research infrastructure for global change research in the APN region. Current collaborators will serve as the founding APN-PURN members. We will 1) identify the appropriate urban-rural gradient(s) in each participating country, 2) set up experimental plots, 3) develop standardized experimental protocols for climate monitoring and plant data collection, 4) identify and recruit additional participants from APN countries with an emphasis on developing countries and establish long-term collaborations through APN-PURN, 5) organize on-line forums and virtual conferences to facilitate collaborations, 6) organize two workshops in which APN-PURN members will participate to present and discuss research results and future directions, and 7) facilitate the production of locally relevant educational materials on plant responses to climate change and APN-PURN for schools and community organizations. These activities will enable active participation of APN collaborators in PURN and maintain high standard of data collection.
