



Grants: August 2007

1. **Ayers, Tina.** National Park Service. \$203,053. Grand Canyon vegetation mapping project. (Biology)
2. **Ellerman, Caroline.** University of Arizona. \$189,716. Cross cultural and interprofessional community collaborative training program for health sciences students. (Nursing)
3. **Ingram, Jani.** National Science Foundation. \$110,000. Collaborative research in Chemistry: Fundamental surfaces and interfacial Chemistry of microbially-produced biosurfactants. (Chemistry)
4. **Keim, Paul.** Federal Office of Advanced Technologies and Programs. \$235,465. NAU will provide technical assistance and training to the Federal Government in the area of Biodefense. (Biology)
5. **Ostergren, David.** National Park Service. \$332,500. Inventory of the Southern Colorado Plateau: Vertebrates and vascular plants of the parks. (Colorado Plateau Cooperative Ecosystems Studies Unit)
6. **Propper, Catherine.** National Science Foundation. \$385,810. Steroidogenic Factor 1 and regulation of gonadal formation. (Biology)

Selected Books/Creative Activity/Recognition & Awards: August 2007

1. **Cloud, Judith.** (August 6, 2007). Final performance of her composition *Words from an Artist's Palette*, Santa Fe Desert Chorale, Santa Fe, New Mexico. To be released on CD for 2008 Silver Anniversary. (Music)
2. **Huffman, William; Huffman, Anne; Grochocki, Alexa; & Steil, M. K.** (August, 2007) Technology in the classroom: Sex, gender roles and perceived abilities. Poster presented at the 115th annual meeting of the American Psychological Association, San Francisco, CA. (Education/Psychology)
3. **Kolb, Thomas; Agee, J.K.; Fule, Peter; McDowell, N.G.; Pearson, K.; Sala, A.; & Waring, R.H.** (2007). Perpetuating old ponderosa pine. *Forest Ecology and Management* 249:141-157. (Forestry)
4. **Moore, Tricia.** (2007) Implementation of problem-based learning in a baccalaureate dental hygiene program. *Journal of Dental Education* 71(8) 1058-1069. (Dental Hygiene)
5. **Schmidt, Daniel, & Clark, Larry.** (2007). *Protocol: A guide to the collegiate audition process* (3 separate volumes for clarinet, flute, and trumpet). New York: Carl Fischer, LLC. (Music)
6. **Shuster, Steve.** (August, 2007). Invited Speaker, Symposium on Mate Competition and Sex Ratio, XI Congress, European Society for Evolutionary Biology. Uppsala, Sweden. (Biology)
7. **Wood, Perry G.; Penado, F. Ernesto;** Clark III, James H.; Walton, Joshua P. (August 2007). *Pier vibration isolation for lightweight interferometry telescopes*. Paper presented at the 2007 Conference of the International Society for Optical Engineering, San Diego, CA. (Mechanical Engineering)
8. **Yowell, Robert.** (August, 2007). Performed in award-winning play, *Spilling Stuff and Breaking Things*, at the National Association for Theater in Higher Education Conference, New Orleans, LA. (Theater)

CPCESU: Colorado Plateau Cooperative Ecosystem Studies Unit

The CPCESU is a joint venture agreement, originated in 1999, between the US Departments of the Interior and the Forest Service and 13 Universities, Colleges, and research institutions located in six Western states with NAU as the host institution. The main purpose of the CPCESU is to facilitate opportunities for research, education, and technical assistance in support of the stewardship of natural and cultural Colorado Plateau resources by Federal agencies, such as the National Park Service, Bureau of Land Management, Bureau of Reclamation, and the US Geological Survey. By developing partnerships between government and academic institutions, the CPCESU ensures that the expertise of academic and non-governmental partners is made available to assist federal resource managers in accomplishing their agency missions, from providing reliable scientific information to managing water resources.

The CPCESU co-sponsors a biennial conference on research on the Colorado Plateau with a variety of governmental and educational sponsors. The next conference will take place from October 29 to November 1 in the duBois Center at NAU. For more information about CPCESU and their conference, go to <http://www.cens.nau.edu/Orgs/CPCESU/>.

Researcher Profiles

David Ostergren is the current director of the Colorado Plateau Cooperative Ecosystem Studies Unit and has been an Associate Professor in the Center for Environmental Sciences and Education and the School of Forestry (joint appointment) and Department of Political Science since 1999. He also facilitates projects in Russia through the Consortium of International Protected Area Management as adjunct faculty at the University of Idaho. He received a B.S. in Biology in 1982 and a M.Ed. in Outdoor Education in 1992, both from the University of Minnesota. In 1997, he received his M.A. in Political Science and Ph.D. in Forest Resources, both from West Virginia University.

Dr. Ostergren's outstanding accomplishments include:

- more than \$800,000 in grants since coming to NAU;
- 28 articles in refereed journals, many of which are interdisciplinary and co-authored with faculty from varied departments and schools at NAU;
- 55 presentations at national and international conferences;
- international collaborations in 5 different countries: Canada, Lithuania, Malaysia, Peru, and Russia.

As director of the CPCESU, Dr. Ostergren will manage more than \$1 million dollars per year in research funding and a 5-year strategic plan to develop cross disciplinary, multi-federal, state and tribal agency watershed restoration projects. He will also work to take advantage of connections across agencies and 22 partner research organizations to connect watershed restoration across political boundaries.

Tricia Moore has been teaching dental hygienists at NAU since 1979. She received her B.S. in Dental Hygiene from NAU in 1975, and she is currently working on an Ed.D. in Curriculum and Instruction in the College of Education. She became Assistant Professor of Dental Hygiene at NAU in 1986, Associate Professor in 1989, and Professor in 2002. In the Dental Hygiene department, Tricia teaches graduate and undergraduate courses in all areas of the field, and she supervises students in NAU's dental hygiene clinic.

Among Tricia Moore's many accomplishments are:

- 45 presentations at national and international conferences and meetings;
- 9 grants totaling over \$111,000, several of which focused on tobacco cessation;
- 12 publications in professional journals such as *Journal of Periodontology*, *Journal of Dental Hygiene*, and *Journal of Dental Education*;
- 10 recognition awards, including 5-time winner of Teacher of the Year.

In addition to University service, Tricia Moore has contributed professional and community service to numerous groups focusing on dental health, public health, and most prominently, anti-tobacco campaigns. She also worked with W. L. Gore and Associates to coordinate a multi-centered clinical research trial for FDA approval of products used in periodontal tissue regeneration.