

### Grants: February 2007

1. **Crawley, Deidre.** Governor's Office for Children, Youth, and Families. \$273,610. Event planning and coordination. (Institute for Future Workforce Development)
2. **Dyer, Cheryl.** National Institutes of Health. \$222,000. Estrogenic effects of Uranium in vitro and in vivo. (Biology)
3. **Keim, Paul S.** Michigan State University Center for Advancing Microbial Risk Assessment. \$103,816. Determine attenuation rates of Bacillus species. (Biology)
4. **Mayer, Loretta.** SenesTech. \$715,590. Analytical support to prepare a new animal drug application seeking FDA approval. (Biology)
5. **Lindstedt, Stan L.** Department of Interior Colorado Plateau Research Station. \$102,541. Outreach, science technician and senior science support, and lab supplies. (Biology)

### Books/Creative Activity/Recognition & Awards: February 2007

1. **Cummins, Anne.** (2007). *Yellowcake*. Boston: Houghton Mifflin. (English)
2. **Laughlin, Daniel;** Abella, Scott R.; **Covington, W. Wallace;** & Grace, James B. (2007). Species richness and soil properties in *Pinus ponderosa* forests: A structural equation modeling analysis. *Journal of Vegetation Science*, 18, 231-242. (Forestry)
3. **Marks, Jane.** (March 2007). Down go the dams. *Scientific American*, 296(3), 66-71. (Biology)
4. **Martin, W., Gavin, M., Baker, E., & Bridgmon, D.** (2007). Analysis of the effects of gender and doctoral program emphasis on scientific and practitioner interests. *American Behavioral Scientist*, 50, 820-829. (Educational Psychology)
5. **Mellott, Ramona.** (ed.). (2007). *The scientist-practitioner training model for professional psychology*. (Special Issue of *American Behavioral Scientist*, 50). Thousand Oaks, CA: Sage Publishing. (Educational Psychology)
6. **Michalowski, Ray.** (2007). Invasion, empire, and human rights. In G. Barak (Ed.), *Violence, conflict and world order* (pp. 249-268). Lanham, MD: Rowman and Littlefield. (Criminal Justice)
7. **Prior, Jennifer & Gerard, Maureen.** (2006). *Family involvement in early childhood education: Research into practice*. Clifton Park, NY: Thomson Delmar Learning.
8. **Robinson, M. S., & Stoller, F. L.** (2007). A read-analyze-write approach to research-related literacy skills for upper-division chemistry majors. In K. K. Karukstis & T. E. Elgren (Eds.), *Designing and sustaining a research-supportive curriculum: A compendium of successful practices* (pp. 175-190). Washington DC: Council on Undergraduate Research.
9. **Sullivan, Bruce.** (2007). Sanskrit theatre. In Samuel L. Leiter (Ed.), *Encyclopedia of Asian Theatre*. Westport, CT: Greenwood Press. (Religious Studies)

## Research Profiles

**Loretta P. Mayer** has been Assistant Research Professor at NAU since 2003. She received her BA from the University of California at San Diego in 1971 and her MS from NAU in 1997. She then went on to complete her PhD at NAU in 2000. She served as American Heart Association Fellow at University of Arizona for three years where she developed a way to chemically induce menopause in rodents. This technology is being developed as a spaying method for feral animals and rodents, thus greatly reducing the risk to these animals and the humans who come in contact with them.

Dr. Mayer's many accomplishments include:

- Over 1 million per year in grant funding from agencies such as the USDA and NIH
- 12 publications in peer-reviewed journals since 1999
- 7 awards and fellowships, including the Junior Investigator for Women award in 2003
- Over 30 paper presentations at national and international conferences
- More than 25 invited seminars in the US and overseas

Through creativity and leadership, Dr. Mayer has demonstrated how a love for research paired with an awareness of practical issues can solve problems in today's world.

**Jane C. Marks** came to NAU in 1999 and is Associate Professor in Biology. After receiving her BA in English from the University of Michigan, she went on to earn a MA in Biology from Bowling Green State University, followed by her PhD in Integrative Biology from University of California at Berkeley in 1995. She also received a postdoctoral Diplomacy Fellowship from the American Association for the Advancement of Science.

In addition to her recent article in the *Scientific American* magazine, Dr. Marks' accomplishments include:

- 24 research grants as PI or co-PI since 1998, many of which have focused on Arizona water issues;
- 23 journal articles in peer-reviewed journals, two book chapters, and four technical reports to governmental agencies;
- 15 awards and fellowships from agencies such as the National Research Council and the US Office of Naval Research;
- National and state-wide media coverage on National Public Radio, Arizona Republic, Mountain Living, Arizona Daily Sun, and Pine Magazine.

Dr. Marks' work continues to draw attention to critical environmental and ecological restoration projects conducted at NAU. Her many collaborations with faculty peers and students demonstrates that when scientists work together, valuable resources can be saved.

**Ann Cummins** came to NAU in 1989 as Assistant Professor and is currently Professor of Creative Writing. She received her BA from the University of Oregon, an MA in Writing Seminars from Johns Hopkins University, and her Master's in Fine Arts from the University of Arizona.

In addition to serving as visiting writer and writer in residence at several colleges and universities, she has:

- Published two books: a short story collection *Red Ant House*, and a novel *Yellowcake*
- Won 13 awards, grants, and fellowships including one from the Sloan Foundation and one from the Lannan Foundation;
- Appeared at over 50 readings of her work throughout the Southwest and in other parts of the country;
- Served as a judge or selection committee member on many regional and national competitions.

In addition, Ms. Cummins' stories have appeared in numerous anthologies and magazines, including three in the *New Yorker* and two in Houghton-Mifflin's *Best American Short Stories*. Her short story collection was listed in best of 2003 by the *San Francisco Chronicle*. Ann Cummins' work distinguishes NAU as a university that offers students access to world-class artists among its faculty.