

Grants: January 2007

1. **Acker, Tom.** Arizona Public Service Company. Wind Integration study; Operating impacts and costs. \$175,005. (Mechanical Engineering)
2. **Allan, Gerard.** U. S. Bureau of Reclamation. Restoration of riparian habitat on the Lower Colorado River. \$180,490. Study genetic and vegetation density factors on habitat of Southwestern Willow. (EnGGEN, Biology)
3. **Anderson, Diana.** National Science Foundation. \$95,368. Administer REU Program Director's Workshop. (Environmental Sciences)
4. **Carroll, Richard.** U.S. and Arizona Dept of Education, Arizona DES. Various training projects and assistive technology projects. \$547,239. (Institute for Human Development)
5. **Fule, Peter.** National Science Foundation. \$352,000. Interaction of fire, climate, and forest structure in Northern Mexico. (Forestry, Ecological Restoration Institute)
6. **Hempleman, Steven.** National Institutes of Health. Signal Transduction mechanism of intrapulmonary Chemoreceptors. \$222,000. (Biology)

Books/Creative Activity/Recognition & Awards: January 2007

1. **Blankenship, V.,** Vega, Ramos, Romero, Warren, Keenan, Rosenow, Vasquez, & Sullivan. (2007), Received the Walter Klopfer Award, *Journal of Personality Assessment*, for best research article of 2006. (Psychology)
2. **Kropf, M., Mead, J., & Anderson, R. S.** (2007). Dung, diet and the paleoenvironment of the extinct shrub-ox (*Eucatherium Collinum*) on the Colorado Plateau, USA. *Quaternary Studies*, 67, 143-151. (Quaternary Studies Program, CESE)
3. **Michalowski, R., & Kramer, R.** (eds.). (2007). *State-corporate crime: Wrongdoing at the intersection of business and politics*. New Brunswick: NJ.
4. **Munene, I.** (2007). Experimenting in distance education: The African virtual university (AVU) and the paradox of the World Bank in Kenya—A rejoinder. *International Journal of Educational Development*, 27, 77-85. (Education)
5. Parton, Silver, Burke, Grassens, Harmon, Currie, King, Adair, Brandt, **Hart (Steven)**, Fasth. (2007). Global scale similarities in nitrogen release patterns during long-term decomposition. *Science*, 315 (January 19), 361-364. (Forestry)
6. **Sthultz, C., Gehring, C., Whitham, T.** (2007). Shifts from competition to facilitation between a foundation tree and aprioneer shrub across spatial and temporal scales in a semi-arid woodland. *New Phytologist*, 173, 135-145. (Biology)
7. **Wonders, Nancy.** (2007). June Morison-Tom Gitchoff Founders Award, Western Society of Criminology. Award for significant improvement of the quality of justice. (Criminal Justice)

Ecological Restoration Institute: The Ecological Restoration Institute (ERI) works to heal fire-adapted forests and other Western ecosystems. It uses scientific research to restore forests to ecological health. The ERI has generated over \$15 million in federal grant funding since 2000, and it supports over 30 graduate and undergraduate students from more than 20 different majors across campus, in various research projects.

Research Profiles

Virginia Blankenship is Professor in the Department of Psychology. She received her PhD in Psychology from the University of Michigan in 1979. She began her career at NAU in 1990, arriving as Chair of the Department of Psychology. Prior to coming to NAU, she taught at Oakland University from 1981 to 1990. She has 20 journal articles and book chapters and she has served as a co-PI on several NSF REU (Research Experience for Undergraduates) grants while at NAU from 1992-2004. She has served nationally as an Executive Board member of the Council of Graduate Departments of Psychology (1993-1995), and from 1992-1996 she was Arizona state representative for the American Council on Education/National Identification Program. Her articles have appeared in *Journal of Personality Assessment*, *Journal of Personality and Social Psychology*, *Journal of Applied Social Psychology*, and *Psychological Review*.

Dr. Blankenship's work has focused on studies of achievement motivation and on personality assessment more generally. In 2006, her article (co-authored with several of her students) "Using the multi-faceted Rasch model to improve the TAT/PSE measure of need for achievement," was selected as the best research article of the year in the *Journal of Personality Assessment*. Dr. Blankenship has also contributed strongly to NAU university life. From 1990 to 1995 she was Chair of her department. From 1996-1999 she served on the University Graduate Council. And from 1998 to the present, she has served on the NAU Faculty Senate. Last but not least, in 1999 she received the NAU President's Award.

Peter Fule is Associate Professor in the School of Forestry and Associate Director for Ecological Research, Ecological Restoration Institute. He received his PhD in Forestry from NAU in 1996 and began his career as an Assistant Professor in 1998. Since 2000, he has published over 40 journal articles and book chapters with five more currently under review. Also since 2000, he has received 20 external research grants with a total funding of over \$4.3 million from such sources as U.S. Forest Service, Bureau of Land Management, U. S. Joint Fire Science Program, and the National Science Foundation. His articles have appeared in *Journal of Applied Ecology*, *Forest Science*, *Forest Ecology and Management*, and *Journal of Forestry*,

His major research interests include research on fire ecology, the reconstruction of fire history and fire-climate relationships, and predictions and experimental testing of forest restoration techniques. In addition, he maintains an active teaching load and several MA Thesis and PhD students each year, as well as many service activities for the department and the university. He was awarded NAU's Teaching Scholar Award in 2005. He was a Peace Corps Volunteer in Bolivia from 1990-1991 and a Fulbright Scholar in Barcelona Spain from 2005-2006. He is trilingual in English, Spanish, and Hungarian.