President’s Monthly Research and Development Highlights
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People

- David Burkhart, graduate student in the Gaylord College of Journalism and Mass Communication, is creator of only the second student-produced television show to be syndicated. *The Set*, which draws from a local pool of musical artists and involves student directors, writers and producers, has 12 episodes per year and is available from Cox On-Demand.

- Prof. Rajiv Dant, Helen Robson Walton Centennial Chair in Marketing Strategy and Professor of Marketing, was named co-editor of the *Journal of Retailing*, which recently ranked #1 out of all marketing journals based on Journal Impact Factor numbers just released by Thomson Reuters. He also has traveled the globe, sharing his research results and coaching early career researchers on strategies for getting published.

- Prof. Rosemary Knapp, Department of Zoology, has been named to the Editorial Board of the prestigious journal *Proceedings of the Royal Society Series B*, Biological Sciences, for a 2-year term beginning January, 2010.

Scholarship

- Prof. Xiangming Xiao, Center for Spatial Analysis and Department of Botany and Microbiology, organized a 3-day workshop in Bangkok, Thailand titled “1st International Workshop on Community-based Data Synthesis, Analysis and Modeling of Highly Pathogenic Avian Influenza H5N1 in Asia”

- Prof. Choon Yik Tang and John N. Jiang, Electrical and Computer Engineering, and Prof. Rama G. Ramakumar, OSU, received an NSF grant of $349,697 for their project entitled “Control and Operation of Large-Scale Wind Farms in the Power System.”

- CBME Profs. Alberto Striolo, Daniel Resasco, and Matthias Nollert received $380,000 from NSF to study interactions between carbon nanotubes and cellular membranes.

Funding
### People

- History of Science Prof. Suzanne Moon has been named editor-in-chief of *Technology and Culture*, which was first published in 1959 and is the flagship journal worldwide for historians of technology.
- Prof. Michael Givel, Political Science, has been named to the 2009 selection committee in Bhutan for the Fulbright Hubert H. Humphrey Fellowship Program. Other members include the Cultural Attaché from India and two high level representatives from the Royal Government of Bhutan.
- Prof. Caryn Vaughn, Director of the Oklahoma Biological Survey, has been elected President of the Freshwater Mollusk Conservation Society.
- AME graduate student James Davis received an NSF GK-12 Engineering in Practice for a Sustainable Future (EiP) Fellowship. He is working with Prof. Takumi Hawa.

### Scholarship

- Prof. Ning Yu, School of International and Area Studies, recently published a book titled *From Body to Meaning in Culture*. It describes relationships among language, body, culture, and cognition.
  
  All of the papers in this collection attempt to demonstrate language-body connections that may reflect, to some extent, mind-body connections as manifested in the interaction between the body and the physical and cultural world. The papers study language in a systematic way as a window into the human mind.

### Funding

- CEES Prof. Yang Hong received $282,333 from NASA to improve the NASA Global Hazard System that assimilates real-time satellite observations into a global hydrologic model to better understand, monitor and forecast floods and landslides every hour on a global basis.
- Prof. Michael Mumford and Eric Day of Psychology, and Dean Hougen of Computer Science, received a $206,632 NSF grant to study the use of mental models and creative problem-solving in information technology.
- OU Outreach received $10 million for the fifth year of a contract from the U.S. Postal Service to provide education, training and support services for the National Center for Employee Development. The total value of the contract to date is $69 million.
- CBME Profs. Dimitrios Papavassiliou and Alberto Striolo received $230,000 from NSF to study wall effects of turbulence.
- Dr. R. Brian Langerhans, Biological Station Postdoctoral Fellow, received a 3-year NSF grant of $273,219 to study human-induced phenotypic variation in endemic live-bearing fish.
- Prof. Lawrence J. Weider, Department of Zoology and Director of the OU Biological Station, received a 3-year NSF grant of $363,691 to study organism-environment interactions.
- Botany and Microbiology Prof. Yiqi Luo, and several colleagues, received $500,000 from NSF to apply data assimilation techniques to ecological forecasting. Prof Luo and CS Prof. S. Lakshmivarahan received $1 million from NSF for software development in the same area.