

RGP RESEARCH OPPORTUNITY FUND

2006 AWARDS

[190 submissions; 18 awards]

College of Agriculture/IFAS

1. Matias Kirst, Forestry; Alberto Riva, Molecular Genetics & Microbiology; John Davis, Forestry; George Casella, Statistics; and Lauren McIntyre, Molecular Genetics – High-Throughput SNP Genotyping & Bioinformatics Pipeline for Complex Genomes - \$74,358

College of Business Administration

2. Chris McCarty, BEBR, and James Jawitz, Soil & Water Science Dept. – Quantifying Scientific Impact: Cross-Disciplinary Trends and Attitudes - \$52,014

College of Engineering

3. Rizwan Bashirullah, Electrical Engineering; and Stephen Blackband, Neuroscience – Magnetic Resonance Microscopy of Single Cells on a Chip - \$74,591
4. Malisa Sarntinoranont, Mechanical & Aerospace Engineering; Tom Mareci, Biochemistry & Molecular Cell Biology; Dietmar Siemann, Radiation Oncology – Computational Tumor Transport Models Based on Dynamic Contrast-Enhanced-MRI - \$73,846

College of Fine Arts

5. James Oliverio, Digital Worlds Institute; Rick Lind, Mechanical & Aerospace Engineering; and Howard Beck, Agricultural & Biological Engineering – The Integrated Situational Awareness System (ISAS): Augmented Decision Making in Times of Crisis - \$74,412

College of Health & Human Performance

6. Randy Braith and Kathleen Howe, Applied Physiology & Kinesiology; Thomas Wronski, Physiological Sciences; Russell Turner and Ursula Iwaniec, Bone Research Lab, Oregon State University –The Effects of Teriparatide in Treating Glucocorticoid-Induced Osteoporosis - \$35,048

College of Liberal Arts & Sciences

7. Christine Sapienza & Rahul Shrivastav, Communicative Science & Disorders; John Harris, Electrical Engineering; and Michael Okun, Neurology – Application of Speech Recognition Technology for Measuring Speech Intelligibility in Patients with Parkinson’s Disease - \$65,148

8. Brian Child & Jane Southworth, Geography; and Grenville Barnes, Forestry – Governance, Land Use & Resource Rights in Southern Africa: Paths Toward Grassroots Democratization - \$71,500
9. David Smith, Psychology; Patrick Antonelli, Otolaryngology; Madhu Nair, Oral & Maxillofacial Surgery & Diagnostic Sciences; Manuel Arreola, Radiology; James Hall, Alice Holmes, Lori White, Communicative Disorders – Tuned Aperture Computed Tomography (TACT) & Cochlear Implants: An Objective View - \$29,922

College of Medicine

10. Lyle Moldawer, Surgery; Roger Tran-Son-Tay, Mechanical & Aerospace Engineering; Scott Berceli, Peter Nelson & Keith Ozaki, Surgery – Multi-scale Modeling of the Physical & Biologic Interplay in Vein Bypass Graft Failure - \$85,110

College of Nursing

11. Beverly Roberts, Adult & Elderly Nursing; Michael Marsiske, Clinical & Health Psychology; Thomas Mulligan, Medicine/Geriatrics; and James Jessup, Adult & Elderly Nursing – Effects of Tai Chi on Physical Performance, Functional Limitation and Disability - \$72,295

College of Pharmacy

12. Margaret James, Medicinal Chemistry; David Barber, Nancy Denslow, Physiological Sciences; Bin Liu, Pharmacodynamics; Stephen Roberts, Physiological Sciences; Eric Sobel, Medicine; and Nancy Szabo, Physiological Sciences – Health Effects of Chlorinated Compounds - \$77,000
13. Sihong Song, Pharmaceuticals; and Martha Campbell-Thompson, Pathology – Alpha 1 Antitrypsin for the Treatment of Rheumatoid Arthritis - \$74,117

College of Public Health & Health Professions

14. Michael Perri, Clinical & Health Psychology; Matteo Cesari, Christiaan Leeuwenburgh & Marco Pahor, Aging & Geriatric Research; and Krista Vandeborne, Physical Therapy – Biological Effects of Weight Loss Plus Exercise in Obese Older African-American Women - \$81,876
15. Mark Bishop, Physical Therapy; and Geoffrey Dover, Applied Physiology & Kinesiology – Development of an Experimental Model of Endogenous Lower Back Pain - \$80,769

College of Veterinary Medicine

16. Thomas Wronski, Physiological Sciences; David Ostrov, Pathology; L. Shannon Holliday, Orthodontics; and J. Ignacio Aguirre, Physiological Sciences – Development & Preclinical Testing of a Novel Osteoporosis Therapy - \$76,238

Center for Latin American Studies

17. Charles Wood, Latin American Studies; Charles Frazier, Alex Piquero & Karen Parker, Criminology; and Jon Mills, CGR/Law – Crime, Law & Governance in Latin America - \$70,608

Florida Museum of Natural History

18. David Reed, Natural History; Edward Braun & Michael Miyamoto, Zoology; and Connie Mulligan, Anthropology – Host-Specific Parasites as Markers of Human Evolutionary History - \$76,609