



## ***Internal Grant Awards***

### **FY12 Internal Grant Awards**

In FY12 over **\$422,735** was awarded to **44** faculty members from **19** departments. These awards were based on an evaluation of **80** grant applications by an Internal Grant Peer Review Committee composed of **26** senior faculty members.

**Research Initiation Grants** promote the scholarly and artistic activity of the faculty and foster academic excellence within the University.

- **Jan Baker**, *Music*, Citizens of Nowhere
- **Abbas Barzegar**, *Religious Studies*, Remembering Community: Historical Narrative in the Formation of Sunni Islam
- **Charlie Benson**, *Biology*, Molecular Characterization & Dynamics of Enhanced Immunogenicity Against Irradiated Carcinoma Cells
- **Misty Bentz**, *Physics and Astronomy*, Testing the State of the Art Techniques in Black Hole Mass Measurements
- **Carolyn Biltoft**, *History*, Holding the World Together: Experiments in Global Governance at the League of Nations
- **Tanya Caldwell**, *English*, Quiet Revolutionary: The Life and Work of Hannah Cowley
- **Ryan Carlin**, *Political Science*, The Politics of Interpersonal Trust and Cooperation in Latin America
- **Lisa Casanova**, *Institute of Public Health*, Assessing the Risk Infectious Virus Transmission to Healthcare Professional From Reuse of N95 Respirator Masks in Outbreak Situations
- **Iman Chahine**, **Mark Grinshpon**, **Robert Clewley**, *Middle Secondary Institution Technology*, The Role of Precalculus as a Gatekeeper in Determining Success in Calculus I Classes: A Mixed-Method Case Study
- **Kimberly Cleveland**, *Art & Design*, Women Who Nursed a Nation: The Black Mothers of Rio de Janeiro
- **Scott Crossley**, *Applied Linguistics/ESL*, The Effects of Text Simplification on Text Readability and Comprehension in First Language and Second Language Speakers of English
- **John Decker**, *Art and Design*, Guides Who Know the Way, Early Modern Metadevotion and Metadevotional Imagery
- **Mondica Diaz**, *Modern & Classical Languages*, Spanish Women and Cosmographical Writing in the Atlantic World
- **Nancy Floyd**, *Art & Design*, Walking Through the Desert with My Eyes Closed
- **Michael Harker**, *English*, The Lure of Literacy: A Critical Reception of the Compulsory Composition Debate

- **Maged Henary**, *Chemistry*, Synthesis of Carbocyanine Derivatives for G-Quadruplex DNA Stabilization and Telomerase Inhibition
- **Kevin Hsieh**, *Art and Design*, Content and Pedagogy of Art Museum's Summer Institute for Teachers and Participant's Expectation and Need: A Case of the Philadelphia Museum of Art
- **Ivaylo Ivanov**, *Chemistry*, Modeling Assemblies and Interactions in Eukaryotick Clamp Loading
- **Matthew Lasner**, *History*, New Sunbelt Living: The California Apartment and the Reinvention of American Urbanism, 1950 – 1990
- **Cathy Yang Liu**, *Public Management and Policy*, Residential Location and Employment Outcomes of Latino Immigrants in Established and Emerging Destinations
- **Ruiyan Luo**, *Mathematics and Statistics*, Hierarchical Modeling for the Identification of Condition-Specific Networks
- **Amy McKay**, *Political Science*, Understanding the Role of Interest Groups in Developing Major Legislation
- **Aaron Rapport**, *Political Science*, Interventions in Time: Time Horizons and Strategic Assessment in US Military Interventions
- **Michele Reid-Vazques**, *History*, Caribbean Crossings: Comparative Black Emigration and Freedom During the Age of Revolution
- **Kathleen Roche**, *Sociology*, Culture-Specific Parenting Effects on Latino Youth Violence: A Formative Study
- **Louis Ruprecht**, *Religious Studies*, Crete as Cosmopolis
- **Robin Saunders**, *Social Work*, National Adoptive Family Study
- **Jacob Selwood**, *History*, The Global Readmission: English Encounters with the Seventeenth-Century Jewish Diaspora
- **Ciara Smalls**, *Psychology*, Development of the African American Socialization in Contexts Questionnaire
- **Christine Stauber**, *Institute of Public Health*, Validation of a Low-Cost Compartmentalized Plastic Bag Test for E. Coli in Drinking Water for Resource Limited Settings
- **Kymberle Sterling**, *Institute of Public Health*, Impact of Social Media Advertising on Little Cigar Tobacco Use Among Young Adults
- **Melissa Taylor**, *Art and Design*, Post Mortem: Visions of Life After Death
- **Griff Tester**, *Sociology*, Extending Our Understanding of Social Network Types among Older Adults
- **Lela Urquhart**, *History*, The Economics of Religious Architecture in Ancient Colonial Sicily
- **Wendy Venet**, *History*, Confederate Heartland: Civil War Civilians in Wartime Atlanta
- **Christina West**, *Art and Design*, Large Scale Aqua Resin Casting
- **Daniel Weiskopf**, *Philosophy*, The Vehicles of Thought
- **Adam Wilson**, *Biology*, Virulence Regulation in Bacillus Cereus
- **Hao Xu**, *Chemistry*, Green Methods for Rapid Synthesis of Potent Antitumor Agents
- **Baozhong Yang**, *Finance*, Research in Financial Economics

**Faculty Mentored Grants** link a new investigator with an experienced mentor to provide the mentee direct personal assistance in developing a grant proposal. There was **1** of these awarded in FY12

- **Kyong-Ah Kwon**, *Early Childhood Education*, **Frank Floyd** (Mentor), The Role of Multiple Early Relationship Quality on Social Emotional Development of Children from Low-Income Families: A Protective or a Risk Factor?

**Scholarly Support Grants** support the scholarly and artistic activity that will result in a significant and prestigious product (e.g., book, external funding, and prestigious fellowship). There were **3** of these awarded in FY12

- **Susan Easterbrooks**, *Educational Psychology and Special Education*, Literacy Development for Students Who are Deaf and Hard of Hearing
- **Cheryl Goldsleger**, *School of Art and Design*, Conversations: An Exhibition at the National Academy of Sciences
- **Shih-Yu Lee**, *Nursing*, PNI Biomarkers and Health Outcomes in College Women

## FY11 Internal Grant Awards

In FY11 over **\$280,000** was awarded to **33** faculty members from **19** departments. These awards were based on an evaluation of **77** grant applications by an Internal Grant Peer Review Committee composed of **25** senior faculty members.

**Research Initiation Grants** promote the scholarly and artistic activity of the faculty and foster academic excellence within the University. There were **26** of these awarded in FY11.

- **Molly Bassett**, *Religious Studies*, The Fate of Earthly Things: Blood Sacrifice in Mesoamerican Animation Rituals
- **Rachana Bhatt**, *Economics*, The Impact of School Lunch Length on Children's Health
- **Vladimir Bondarenko**, *Mathematics & Statistics*, Mathematical Model of Beta-adrenergic Signaling in Mouse Ventricular Myocytes
- **Lakeyta Bonnette**, *Political Science*, What's on Your Radio? Rap Music and White Racial Attitudes
- **Dajun Dai**, *Geosciences*, Spatial Variation in Children With Elevated Blood Lead Levels Around Peachtree Dekalb Airport, Dekalb County, Georgia
- **Rebecca Ells**, *Kinesiology & Health*, Evaluating the Efficacy of a Motivational Intervention for Increasing Physical Activity and Reducing Falls Risk in Older Adults
- **Gwen Frishoff**, *Psychology*, A Multimodal Brain Imaging Study of Expectancy and Meaningfulness Effects in Sentence Comprehension
- **Allen Fromherz**, *History*, The Decline of the Almohads: The Fall of an Islamic Empire
- **Katharine Hankins**, *Geosciences*, Faith-based Gentrification in Atlanta's Inner City Neighborhoods
- **Christine Hartly**, *Philosophy*, Kant and the Murderer at the Door
- **Youjin Kim**, *Applied Linguistics & ESL*, The Role of Task Complexity and Working Memory on the Noticing of Recasts and Second Language Development
- **Heather Kleider**, *Psychology*, An Investigation of the Neural Underpinnings of False Memories
- **Kyong-Ah Kwon**, *Early Childhood Ed.*, Individual Characteristics and Contextual Influences on Attitudes of Typically Developing Preschoolers Toward Children with Disabilities

- **Kelly Lewis**, *Psychology*, Assessing Community Perceptions of Current and Desired Skin Bleaching Conditions in Tanzania
- **Murugi Ndirangu**, *Nutrition*, Evaluating Individual, Social and Cultural Factors Influencing Participation in Food Supplementation Program in Central Kenya
- **Michael Owren**, *Psychology*, Are You Laughing at Me? Investigating Brain Mechanisms of Laughter Through Functional Magnetic Imaging (MRI)
- **Angelo Restivo**, *Communication*, Hitchcock and Postmodernity
- **Sean Richey**, *Political Science*, Attitudes Towards Assimilation and Immigration
- **Murad Sarsour**, *Physics & Astronomy*, Investigations into Proton Spin Structure
- **Elizabeth Steed**, *Ed. Psych. & Special Ed.*, Addressing Attitudinal Barriers to Preschool Teachers' Implementation of Positive Behavior Support
- **Ivo Tafkov**, *Accountancy*, The Effect of Relative Performance Information in a Multi-Task Environment
- **Erin Tully**, *Psychology*, Interpersonal Vulnerabilities in Young Children of Depressed Patients
- **Isaac Weiner**, *Religious Studies*, Religion Out Loud: Religious Sound, Public Space, and American Pluralism
- **Yuanhui Xiao**, *Mathematics & Statistics*, Multiple Imputation of Missing Risk Factors: A Direct and Unbiased Approach
- **Youngjoo Yi**, *Middle and Secondary Ed.*, Multiple Literacies Across In- and Out-of-school Contexts: Case Studies of Adolescent English Language Learners
- **Daniel Young**, *Political Science*, Voters and Their Political Parties in Africa's New Democracies

**Faculty Mentored Grants** link a new investigator with an experienced mentor to provide the mentee direct personal assistance in developing a grant proposal. There were 3 of these awarded in FY11.

- **Seyda Ozcaliskan**, *Psychology*, **Lauren Adamson** (Mentor), Gesture as Predictor of Language Development in Children with Autism
- **Andrew Roach**, *Counseling Psych. Services*, **Page Anderson/Amy Lederberg** (Mentors) Evaluation of a Test Anxiety Intervention for Students with Learning Disabilities
- **Cynthia Searcy**, *Public Administration & Urban Studies*, **Katherine Willoughby** (Mentor), The Financial Health of Georgia's Charter Schools: Uniform Reporting

## **FY10 Internal Grant Awards**

In FY10 over \$390,000 was awarded to 53 faculty members from 22 departments. These awards were based on an evaluation of 103 grant applications by an Internal Grant Peer Review Committee composed of 25 senior faculty members.

**Research Initiation Grants** promote the scholarly and artistic activity of the faculty and foster academic excellence within the University. There were 25 of these awarded in FY10.

- **Ritu Aneja**, *Biology*, Development of Receptor-Targeted Therapy for Ovarian Cancers Using a Novel Tubulin-Binding Agent
- **Howard Barker**, *History*, The Fugitive Slave Act: Refugees, Slaveholders, and Rights, in

Antebelum America

- **Bradley Cooke**, *Neuroscience*, Excitatory Synaptic Transmission in the Amygdala of Pubertal Female Rats
- **Suvasis Dixit**, *Geosciences*, Microbe-Mineral Interactions: What Physical, Chemical, and Biological Factors Affect the Rate and Extent of their Interaction
- **Yixin Fang**, *Mathematics and Statistics*, Genetic Analysis of the Framingham-Heart Study Data Provided to Genetic Analysis Workshop 16
- **Eric Friginal**, *Applied Linguistics and ESL*, Linguistic Characteristics of Native Speaker and Non-Native Speaker Academic Writing in English: A Corpus-Based Comparison
- **Donald Hamelberg**, *Chemistry*, Computational Simulation and Theory of Ligand- Induced Conformational Changes in Riboswitches
- **Aimin Liu**, *Chemistry*, A New Regulatory Mechanism of NF-kappaB by Metalloprotein Pirin
- **Zhiyong Liu**, *Risk Management & Insurance*, Multimarket Exit, Strategic Merger, and Collusion
- **Vincent Lloyd**, *Religious Studies*, Martin Luther King, Jr. and the Christian Natural Law Tradition
- **Seyda Ozcaliskan**, *Psychology*, Role of Gesture in Second Language Production
- **Jared Poley**, *History*, Vitalizing Economics: Languages of Growth in 18th Century Financial Discourse
- **Andrew Roach**, *Counseling and Psychological Services*, Mindfulness-Based Stress Reduction with Early Career Teachers
- **Daniel Robins**, *Communication*, The Rabbi and Cesar Chavez
- **Parama Roy**, *Geosciences*, Listening to the Voices of the Community: Community Empowerment in Boulevard Crossing Park Development in Atlanta
- **Andrea Scarantino**, *Philosophy*, Conceptual Analysis in Philosophy: A New Foundation
- **David Sehat**, *History*, An American Heresy: The Myth of Religious Freedom
- **Megan Sinnott**, *Women's Studies*, Thai Ghost Narratives: Historical Contingency and Global Contexts
- **Jelena Subotic**, *Political Science*, The Industry of Justice: The Transformation of Transitional Justice Advocacy
- **Scott Weaver**, *Psychology*, Explaining Variability in the Psychosocial Adjustment of Children of Immigrant Families: An Empirical Investigation of Segmented Assimilation Theory
- **Russel White**, *Physics and Astronomy*, A Search for Planets Orbiting Our Nearest Stellar Neighbors
- **Nick Wilding**, *History*, Galileo's Idol: Gianfrancesco Sagredo and the Republic of Knowledge
- **Jianjua Wu**, *Kinesiology and Health*, Treadmill Walking with Ankle Weights and Bone Mineral Density in Preadolescents with and without Down Syndrome
- **Xu Zhang**, *Mathematics and Statistics*, Assessment of Time-Dependent Covariate Effect with Competing Risks Data
- **Yichuan Zhao**, *Mathematics and Statistics*, High Dimensional Microarray Gene Expression Data Analysis Via Correlations Principal Component Regression

**Faculty Mentored Grants** link a new investigator with an experienced mentor to provide the mentee direct personal assistance in developing a grant proposal. There were 4 of these awarded in FY10.

- **Igor Belykh**, *Mathematics and Statistics*, **Leonid Bunimovich** (Mentor), Dynamical Networks: Interplay Between Networks Structure and Dynamics
- **Akihiko Masuda**, *Psychology*, **Lindsey Cohen** (Mentor), ACT for Adolescents with Sickle Cell Disease
- **Ann Pearman**, *Institute of Gerontology*, **Derek Isaacowitz** (Mentor), The Role of Personality in Memory Performance in Older Adults
- **Yi Zhao**, *Mathematics and Statistics*, **Guantao Chen** (Mentor), Extremal Problems for Graphs and Hypergraphs

**Research Team Awards** provide funding for an interdisciplinary research team to prepare a competitive proposal for external research funding. There were **5** of these awarded in FY10.

- **Heather Kleider**, *Psychology*, **Tricia King**, *Psychology*, **Ann Pearman**, *Gerontology*, Memory Binding in Older and Younger Adults
- **Deirdre Oakley**, *Sociology*, **Murugi Ndirangu**, *Nutrition*, Food Security & Obesity Among Public Housing Residents
- **Gordon Warren**, *Physical Therapy*, **Philip Fabrizio**, **Joseph Donnelly**, *Physical Therapy*, **John Xerogeanes**, *Emory University*, Examining Spatial Heterogeneity of Muscle Inactivation Following Repair of the anterior Cruciate Ligament
- **Yanqing Zhang**, *Computer Science*, **Robert Harrison**, **Xiaolin Hu**, **Alex Zelikovsky**, *Computer Science*, **Irene Weber**, **John Houghton**, *Biology*, **Markus Germann**, **Donald Hamelberg**, *Chemistry*, **Guantao Chen**, *Mathematics and Statistics*, Multidisciplinary Research in Bioinformatics and Complex Systems
- **Yujun G. Zheng**, *Chemistry*, **Yanqing Zhang**, *Computer Science*, An Interdisciplinary Approach to Discovering New Substrates of PRMTs

**Scholarly Support Grants** support the scholarly and artistic activity that will result in a significant and prestigious product (e.g., book, external funding, and prestigious fellowship). There were **4** of these awarded in FY10.

- **Michelle Brattain**, *History*, What Race Was: Popular and Scientific Constructions of Race in the 20th-Century United States
- **John Duffield**, *Political Science*, State Responses to Energy Insecurity: Field Research in Tokyo, Japan
- **Kyle Frantz**, *Neuroscience*, Cocaine-Seeking in Adolescent vs. Adult Male Rats is Correlated with Differential Expression of Neuroplasticity Genes
- **Marise Parent**, *Neuroscience*, Pathological Effects of a Fructose Diet on Brain and Behavior

## FY09 Internal Grant Awards

In FY09 over **\$425,000** was awarded to **52** faculty members from **28** departments. These awards were based on an evaluation of **86** grant applications by an Internal Grant Peer Review Committee composed of **24** senior faculty members.

**Research Initiation Grants** promote the scholarly and artistic activity of the faculty and foster academic excellence within the University. There were **33** of these awarded in FY09.

- **Raheem Beyah**, *Computer Science*, A Passive Network-based Approach to Node Resource Utilization Discovery
- **Gary Bingham**, *Early Childhood Education*, Playful Literacy Practice: Evaluating a Professional Development Project
- **Timothy Brezina**, *Criminal Justice*, Intimate Partner Violence: An Examination of Perpetrators Reported Reasons for Committing Acts of Physical Aggression
- **Xiaojun Cao**, *Computer Science*, Optimizing Resource Utilization in Wireless Optical Mesh Networks
- **Jordan Clayton**, *Geosciences*, Evaluation of a Process-oriented Tool for Gravel-bed River Restoration
- **Robert Clewley**, *Mathematics and Statistics*, Computational Methods for Data-driver Modeling in Neuroscience
- **Wade Danis**, *International Business*, Entrepreneurship Development in Emerging Markets: The Role of Institutions and Social Networks
- **Daniel Deocampo**, *Geosciences*, From Paleosol to the Pantheon: Pleistocene Ash and the Formulation of Ancient Roman Concrete
- **Mukeshwar Dhamala**, *Physics and Astronomy*, Charactering Sensorimotor Network with Nonparametric Granger Causality
- **Vijay Ganji**, *Nutrition*, Fish Oil, Toll-Like Receptor-4signaling, and Inflammatory Markers
- **Mark Geil**, *Kinesiology and Health*, Analysis of Locomotor Adaptations During Early Walking in Children with Transfemoral Limb Loss
- **Jeffrey Glover**, *Anthropology*, Laboratory Analysis of Archaeological Materials from Vista Alegre and Ancient Maya Port
- **Denis Gregoire**, *Managerial Sciences*, The Effects of Individual Differences in New Venture
- **Charles Hankla**, *Political Science*, State, Society and Trade Policy in Post-War France
- **Amira Jarmakani**, *Women's Studies*, To Catch a Sheik: in the War on Terror: Reading Shei Themed Romance Novels
- **Casonya Johnson**, *Biology*, Regulation of Neurodevelopment by the Helix Loop Helix Family of Transcription factors
- **Lawrence Kiage**, *Geosciences*, Investigating the Spatial and Temporal Variability of Hurricane Activity in the Coastal Regions of Georgia and South Carolina
- **Leigh Anne Liu**, *International Business*, Relational Configurations in International Negotiations
- **Nicole Lopanik**, *Biology*, Differential Host and Microbial Symbiont Gene Expression in Bugula neritina (Bryozoa) Tissues with Varying Concentrations of the Bioactive Polyketides...
- **James Marton**, *Economics*, A New Look at the Impact of Managed Care on Health Care Expenditures and Utilization
- **Akihiko Masuda**, *Psychology*, Acceptance and Commitment Therapy for Easting Disorder Spectrum Problems
- **Ghulam Nadri**, *History*, A History of the Indigo Industry and Trade in Pre-Colonial and Colonial India
- **Nathaniel Orr**, *Music*, The Democratization of American Music
- **Alessandra Raengo**, *Communication*, Face Value: The Carnality and Spectrality of Race
- **Susan Richmond**, *Art & Design*, Androgyny in the Art of Lynda Benglis
- **Jonathan Rork**, *Economics*, The Role of Reciprocity in Interstate Commuting

- **Reiner Smolinski**, *English*, Cotton Mather's BIBLIA AMERICANA: The Early Enlightenment and the Rise of Pietism in Colonial Americana
- **Monica Swahn**, *Institute of Public Health*, The Impact of Early Alcohol Use on Suicide Attempts in Adolescence and Young Adulthood
- **Bennett Tepper**, *Managerial Sciences*, Examination of the Dimensionality of Abusive Supervision in Work Organizations
- **Gangli Wang**, *Chemistry*, Controlled Assembly and Charge/Energy Transfer of Bifunctional Nanomaterials: Gold Monolayer Protected Clusters (AiMPC)
- **Roderick Watts**, *Psychology*, Applied Research on Community-Clinical Psychology Training in South Africa
- **Frank Williams**, *Anthropology*, Fatherhood: An Evolutionary Strategy Among Foragers
- **Yujun Zheng**, *Chemistry*, Mechanism and Inhibition of Esa 1/TIP60

**Faculty Mentored Grants** link a new investigator with an experienced mentor to provide the mentee direct personal assistance in developing a grant proposal. There were **3** of these awarded in FY09.

- **Miyoun Lim**, *Middle & Secondary Ed. & Early Childhood Ed.*, **Angela Barton** (Mentor), An Exploratory Study on the Role of Sense of Place in Science Curriculum Adaptation
- **Inas Rashad**, *Economics*, **Sally Wallace** (Mentor), High Birth Weight and School Outcomes
- **Tracie Stewart**, *Psychology*, **David A. Washburn** (Mentor), Stereotype Association and Generalization: A New Model of Bias Processes

**Research Team Awards** provide funding for an interdisciplinary research team to prepare a competitive proposal for external research funding. There were **3** of these awarded in FY09.

- **Peggy Albers**, *Middle & Secondary Ed.*, **Melody Milbrandt**, **Melanie Davenport**, **John Decker**, **Kevin Hsieh**, *Art & Design*, **Teri Holbrook**, *Early Childhood Ed.*, **Ewa McGrail**, **Michelle Zoss**, *Middle & Secondary Ed.*, Internet Conversations in Literacy, the Arts, and Digital Media (uiCLAD) Project
- **Hassan Babaie**, *Geosciences*, **Raj Sunderraman**, *Computer Science*, Designing Process Ontologies for Natural, Experimental, and Simulated Rock
- **Erin Tone**, *Psychology*, **Page Anderson**, *Psychology*, Amygdala Activation as a Predictor of Extinction Depth in Humans

**Scholarly Support Grants** support the scholarly and artistic activity that will result in a significant and prestigious product (e.g., book, external funding, prestigious fellowship). There were **4** of these awarded in FY09.

- **Roberta Attansio**, *Biology*, Modulation of Immune Responses to Vaccines Induced by Estrogens
- **Jennifer McCoy**, *Political Science*, Mediating Political Conflict in Venezuela (book manuscript)
- **Louis Ruprecht**, *Religious Studies*, Winckelmann's Secret History-(Shrines to the Muse)
- **Alexandra Smirnova**, *Mathematics and Statistics*, Regularized Numerical Methods for Ill-Posed Problems

## FY08 Internal Grant Awards

In FY08 over \$445,000 was awarded to 49 faculty members from 25 departments. These awards were based on an evaluation of 84 grant applications by an Internal Grant Peer Review Committee composed of 24 senior faculty members.

**Research Initiation Grants** promote the scholarly and artistic activity of the faculty and foster academic excellence within the University. There were 28 of these awarded in FY08.

- **Page Anderson**, *Psychology*, Increasing the Cultural Relevance of Cognitive Behavioral Therapy for Social Anxiety
- **Anu Bourgeois**, *Computer Science*, Energy Efficient Schemes for IEEE 802.15.4 MAC Protocol
- **H. Spencer Banzhaf**, *Economics*, Measuring Progress: The History of Applied Welfare Economics.
- **Mary Beth Calhoon**, *Ed. Psych & Special Ed*, Middle School Remedial Mathematics Project.
- **Caitlin Dooley; Ramona Matthews**, *Early Childhood Ed*, Emergent Comprehension: Literacy Development in Early Childhood
- **Michael Gallivan**, *Computer Information Systems*, Offshore Outsourcing of IT Work: Understanding the Business Implications.
- **Barbara Gormley**, *Counseling & Psych Services*, Intimate Partner Violence in College: Adult Attachment and Gender Influences.
- **Adia Harvey**, *Sociology*, Marginalized Entrepreneurs: System Gendered Racism and the Emergence of a Racial Enclave Economy.
- **Laura Kimble**, *Nursing*, The Impact of Chronic Angina on Daily Life Physical Function: A Pilot Study.
- **Shi-Yu Lee**, *Nursing*, Sleep Disruption in Mothers of Low Birth Weight Infants: A Pilot Clinical Trial.
- **Ramesh G. Mani**, *Physics & Astronomy*, Study of the Microwave-Induced Zero-Resistance States in the Two-Dimensional Electron System.
- **Carrie Manning**, *Political Science*, Understanding the Role of Former Armed Opposition Groups in Building Post-Conflict Peace: A Proposal for a New Global Dataset.
- **Kameelah Martin**, *English*, Conjuring Moments & Other Such Hoodoo: African American Women & Spirit Work.
- **Eddy Nahmias**, *Philosophy*, Defending Free Will from the Sciences of the Mind.
- **William Nichols**, *Modern & Classical Languages*, Reviving the Transition: Metamemory & National Identity in Recent Spanish Culture.
- **Jennifer Patico**, *Anthropology & Geography*, International Matchmaking and the Politics of Gender: A View from Atlanta.
- **Ann Pearman**, *Gerontology Institute*, Neuroticism and Memory in Older Adults.
- **Julia Perilla**, *Psychology*, Participatory Action Research with Latino Families Affected by Domestic Violence.
- **Klara Peter**, *Economics*, Flat Tax Income Inequality, and Tax Evasion
- **Sebastian Rand**, *Philosophy*, Hegel and Early 19th Century Biology.
- **Sheldon Schiffer**, *Communication*, Portraits of the Malecón.
- **Greg Smith**, *Communication*, The Expressive Frame: Aesthetics & The Modern Comic Book.
- **Rihana Smith**, *Psychology*, The Use of Context to Acquire New Word Meaning from Text.

- **Susan Talburt**, *Women's Studies Institute*, Translations and Institutional Feminist Knowledge Production: Perspectives from Chile.
- **Cassandra White**, *Anthropology*, Class, Race, and Citizenship Issues in the Brazilian Immigrant Community in Atlanta.
- **Yusen Xia**, *Managerial Sciences*, Revenue Management for Manufactures that Produce Vertically Differentiated Products.
- **Yongwei Yao**, *Mathematics & Statistics*, Embedding & Weak Embedding Theorems Uniform Test Exponents.
- **Alexander Zelikovsky**, *Computer Science*, Computational Methods for Genetic Association Search and Susceptibility Prediction for Common Diseases.

**Faculty Mentored Grants** link a new investigator with an experienced mentor to provide the mentee direct personal assistance in developing a grant proposal. There were 4 of these awarded in FY08.

- **Yuki Fujioka**, *Communication*, **Mary Ann Romski** (Mentor). Attentional Responses to Health Messages.
- **Heather Kleider**, *Psychology*, **Randall Engle** (Mentor). An Integrated Investigation of Aggression-Related Shooting Behavior.
- **Mariana Montiel**, *Mathematics and Statistics*, **Draga Vidakovic** (Mentor). The Four Parameters of Language Learning to Measure Fluency in Mathematical Discourse Using Qualitative and Categorical Techniques of Analysis.
- **Erin Ruel**, *Sociology*, **Kirk Elifson** (Mentor). Explaining Racial Health Disparities: The Effects of Community Racial History and Community SES.

**Research Team Awards** provide funding for an interdisciplinary research team to prepare a competitive proposal for external research funding. There were 2 of these awarded in FY08.

- **Elisabeth Burgess**, *Sociology*; **Sharon King**, *Gerontology Institute*; **Susan Kelley**, *Health & Human Sciences*, Teen Pregnancy Prevention in Grandparent-Headed Families.
- **Lynda Goodfellow**; *Cardiopulmonary Care*, **Dan Benardot**; *Nutrition*, **Sheryl Flynn**; *Physical Therapy*; **Derek Shendell**; *Institute of Public Health*; **Ralph Zimmerman**, *Respiratory Therapy*. An Interdisciplinary Assessment of Selected Factors that Impact the Training and Performance of Endurance Event Participants at the Georgia Marathon

**Scholarly Support Grants** (begun in FY08) support the scholarly and artistic activity that will result in a significant and prestigious product (e.g., book, external funding, prestigious fellowship). There were 9 of these awarded in FY08.

- **Teryl Frey**, *Biology*, Pathogenesis of Congenital Rubella Virus Infection.
- **Susanna Greer**, *Biology*, Identification of the Mechanism by which the 19S Proteasome ATPase S8 Regulates MHC II Transcription.
- **Margaret Harper**, *English*, Scholarly Edition of W.B. Yeats, *A Vision* (1937).
- **Chun Jiang**, *Biology*, Synaptic Mechanisms for CO<sub>2</sub> Chemosensitivity of Cultured Brainstem Neurons.
- **Marilynn Richtarik**, *English*, Stewart Parker: Belfast Playwright
- **Shahab Shamsi**, *Chemistry*, Novel Hyphenation Methods for Analysis of Mirror Image Pharmaceuticals.

- **Laura Taylor**, *Economics*, Land Use, Environmental Quality and Residential Property Values.
- **Dennis Thompson**, *Ed. Psych & Special Ed*, Book: Developmental Psychology in Historical Perspective.
- **Vijay Vaishnavi**, *Computer Information Systems*, LAIDBACK: A New Approach to User-Driven Dynamic Web Mining.

## FY07 Internal Grant Awards

In FY07 over \$405,000 was awarded to 61 faculty members from 21 departments. These awards were based on an evaluation of 61 grant applications by an Internal Grant Peer Review Committee composed of 22 senior faculty members.

**Research Initiation Grants** promote the scholarly and artistic activity of the faculty and foster academic excellence within the University. There were 25 of these awarded in FY07.

- **Vladym Apalkov**, *Physics & Astronomy*, Transverse current through DNA molecule
- **Mariana Arav**, *Mathematics & Statistics*, The Human Olfactory Recognition using Boolean Matrix Factorization
- **Igor Belykh**, *Mathematics & Statistics*, Neuronal Networks: Synchrony and Pattern Formation
- **Ly Bolia**, *Communication*, “Karen Gail, I Love You”
- **Kuk-Jeong Chin**, *Biology*, Molecular Strategy for Developing Key Biomarkers to Estimate Rates of Anaerobic Hydrocarbon Degradation in Contaminated Environments
- **Andrew Cohen**, *Philosophy*, Enriching Justice: Reconciling Competing Models
- **Susanna Greer**, *Biology*, Proteasomal Mediated Regulation of the Initiation of MHC Class II Transcription
- **Jun Han**, *Mathematics & Statistics*, Estimation of Heterogeneous Random Effects Model
- **Michael Herb**, *Political Science*, Parliaments in the Gulf: Oil and the Long Road to Democracy
- **Xiaolin Hu**, *Computer Science*, A Modeling and Simulation Framework for Computational Epidemiology
- **Yurity Kitsul**, *Economics*, Empirical Risk Aversion in Experimental Financial Markets
- **Heather Kleider**, *Psychology*, Individual Differences in Shoot/Don't Shoot
- **Amy Landesberg**, *Interior Design*, Proto-typing Study for Digitally Enhanced Art or Safety Glass
- **Yingshu Li**, *Computer Science*, Coverage in Sensor Networks
- **Erin McClure**, *Psychology*, Social-Evaluative Cue Processing in Social Anxiety: Behavioral, Eye Movement, and Neural Correlates
- **Mark McFarland**, *Music*, Stravinsky and the Player Piano: A Relationship Reconsidered
- **Michael Owren**, *Psychology*, The Evolutionary Origins of Vowels and Consonants in Human Speech
- **Dominic Parrott**, *Psychology*, Correlates of Female Sexual Prejudice: Examination of Personality, Situational, Emotional, and Cognitive Factors
- **Arun Rai**, *Center for Process Innovation*, (AYSPS), The Efficiency and Real-Options Perspective for Inter-Firm Relationship Portfolio Management

- **Kim Reimann**, *Political Science*, NGO's and Transnational Environmental Networks in East Asia
- **Louis Ruprecht**, *Religious Studies*, A History of the Modern Public Art Museum
- **Alexandra Smirnova**, *Mathematics & Statistics*, Novel Regularized Computational Schemes for Inverse Problem in Diffusion Based Optical Tomography
- **Dona Stewart**, *Geosciences*, From Orientalism to Terrorism: Representation and Stereotypes of the Middle East
- **Yuki Takatori**, *Modern & Classical Languages*, War Talk: How Military Necessity Changed the Japanese Language
- **Yi Zhao**, *Mathematic & Statistics*, Graph Tiling Problems

**Faculty Mentored Grants** link a new investigator with an experienced mentor to provide the mentee direct personal assistance in developing a grant proposal. There were **3** of these awarded in FY07.

- **Abdul Beyah**, *Computer Science*, **Yi Pan** (Mentor), Rogue Access Point Detection Using Temporal Traffic Characteristics
- **Meera Penumetcha**, *Nutrition*, **Timothy Bartness** (Mentor), Dietary Oxidized Fatty Acids: A Role in Weight Regulation?
- **Yichuan Zhao**, *Mathematics & Statistics*, **Guanto Chen** (Mentor), Statistical Analysis of High Dimensional Microarray Gene Expression Data

**Research Team Awards** provide funding for an interdisciplinary research team to prepare a competitive proposal for external research funding. There were **4** of these awarded in FY07.

- **Richard Baskerville**, **Detmar Straub**, **Carl Stucke**, **Vijay Vaishnavi**, *Comp. Info. Systems*, **Martin Grace**, *Risk Management & Insurance*, **Art Vandenberg**, *Info. Sys. & Technology*, Information Technology Risk Management: Selective Shared Risk Network
- **Chun Jiang**, *Biology*, **Markus Germann**, *Chemistry*, **Sushil Prasad**, *Computer Science*, Structure-Functional Relationship of Macromolecules such as K<sup>+</sup> Channels: High-Level Modeling and Effective Simulation
- **Lauren Ristvet**, **Stephen Rapp**, *History*, Serur Rayon Archaeological Project
- **Barbara Warner**, *Criminal Justice*, **Mary Ohmer**, **Elizabeth Beck**, *Social Work*, Developing a Training Program to Facilitate Collective Efficacy

**Research Equipment Grants** (final year is FY07) provide funding for research equipment that is deemed essential for competitive research projects with high probability of receiving external funding. There were **6** of these awarded in FY07.

- **Jaye Atkinson**, **Kay Beck**, **Ly Bolia**, **Yuki Fukioka**, **Sheldon Shiffer**, **Holley Wilkin**, *Communication*, Essential Equipment Enhancement for the Audience Response Theater
- **Ly Bolia**, **Jaye Atkinson**, **Sheldon Shiffer**, **Niklas Volmer**, *Communication*, "Karen Gail: I Love You"
- **Lynda Goodfellow**, *Respiratory Therapy*, Need for Body Plethysmograph in the Division of Respiratory Therapy
- **Zhen Huang**, **Giovanni Gadda**, **Kathryn Grant**, **Binghe Wang**, *Chemistry*, Micro Array Analysis of Biomolecules and Diseases
- **Unil Perera**, **Vadym Apalkov**, **Nikolaus Dietz**, **Brian Thomas**, **Xiaochun He**, *Physics &*

*Astronomy*, Magnetic field effects on Semiconductors Leading to Novel Infrared and Spintronic Devices

- **Eric Vanman, David Washburn**, *Psychology*, An Immersive Virtual Environment Laboratory to Study Social, Cognitive, and Emotional Processes

## FY06 Internal Grant Awards

In FY06 over \$410,000 was awarded to 43 faculty members from 22 departments. These awards were based on an evaluation of 67 grant applications by an Internal Grant Peer Review Committee composed of 26 senior faculty members.

**Research Initiation Grants** promote the scholarly and artistic activity of the faculty and foster academic excellence within the University. There were 23 of these awarded in FY06.

- **Mohammed Ali**, *History*, The City of Harar (Ethiopia) And Its Oromo Neighbors, 1500-1900
- **Jaye Atkinson**, *Communication*, Examining the Influence of Age and Race on Communication Competence and Patronizing Speech
- **Marci Culley**, *Psychology*, Fostering and Maintaining the Activist Spirit: The Experiences of Long-term Three Mile Island Activists
- **Wade Danis**, *International Business*, Knowledge Acquisition Strategy & Firm Performance in Transition Economies
- **Florian Enescu**, *Mathematics & Statistics*, Cumulative Algebra, Number Theory and Applications to Digital Design Verification
- **Linda Fowler**, *Educational Psychology & Special Education*, The Role of Velar Movement in Movement in Changing the Mode of Vocal Fold Vibration
- **Kathryn Fuller-Seeley**, *Communication*, The Jack Benny Show and American Culture, 1932-1977
- **Zen Huang**, *Chemistry*, Detection of *Bacillus anthracis* with RNA microchip
- **Miles Irving**, *Educational Psychology & Special Education, Educational Policy Studies*, Blackness in the Academy: Understanding Academic Achievement among College Students
- **Eirik Krogstad**, *Geology*, The Rise of Oxygen in Earth's Early Atmosphere: The Record in Shales
- **Douglas Krupka**, *Economics*, The Stability of Mixed-Income Neighborhoods in America: 1990-2000
- **Jeffrey Lazarus**, *Political Science*, Interaction Among Political Challengers in the Decision to Run for Office
- **Yuan Liu**, *Biology*, Cell Surface Interactions Regulate Leukocyte Transmigration During Atherogenesis
- **Pam Longobardi**, *Art & Design*, Collections Study in the Fine Arts at the American Museum of Natural History
- **George McMahon**, *Counseling & Psychological Services, Educational Policy Studies*, A Qualitative Investigation of the Opportunity Gap, Social Variables, and Academic Identity Construction in Middle School Students
- **Melissa Merritt**, *Philosophy*, Is there a Transcendental Deduction of Space and Time in the Critique of Pure Reason

- **Imre Patyi**, *Mathematics & Statistics*, Complex Analysis in Banach Spaces
- **Ragan Petrie**, *Economics*, Prejudice and the perpetuation of Differences: Experiments Exploring the Impact of Performance and Appearance on Sorting
- **Junco Pollack**, *Art & Design*, Support for Equipment Upgrade for the Production of Art Textiles Toward Solo Exhibitions in US, France and Japan
- **Gengsheng Qin**, *Mathematics & Statistics*, Empirical Likelihood Based Interval Estimation for ROC Curves
- **Elisabeth Sheff**, *Sociology*, Overlapping Sexual Identities
- **Beth Tieman**, *Physical Therapy*, Parental Perspectives of Mobility Methods in Children with Cerebral Palsy
- **Yusan Xia**, *Managerial Sciences*, Supply Chain Disruption Management

**Faculty Mentored Grants** link a new investigator with an experienced mentor to provide the mentee direct personal assistance in developing a grant proposal. There were 9 of these awarded in FY06.

- **Carolyn Bourdeaux**, *Public Administration & Urban Studies*, **Katherine Willoughby** (Mentor), Integrating Budgetary Reform into Legislative Processes
- **Brian J. Dew**, *Counseling & Psychological Services*, **Kirk Elifson** (Mentor, *Sociology*), Methamphetamine Recovery: Factors and Influences
- **Michael Gallivan**, *Computer Information Systems*, **Bala Ramesh** (Mentor), An Investigation of IT Project Outsourcing in China
- **Emanuela Guano**, *Anthropology & Geography*, **Kathryn Kozaitis** (Mentor), Marketing Difference: Identity Consumption and the Culture Industry of a Postindustrial Italian City
- **Xiaolin Hu**, *Computer Science*, **Donald Edwards** (Mentor, *Biology*), Applying Neurobiological Study of Crayfish to Designing Adaptive Robot Control Models
- **Lesley Williams Reid**, *Sociology*, **Kirk Elifson** (Mentor), A Multi-level Analysis of Drug Use among Rural Adults
- **Diana L. Robins**, *Psychology*, **Robin Morris** (Mentor), Perception of Emotional Cues from Facial Expression and Affective Prosody using fMRI
- **Christine H. Roch**, *Public Administration & Urban Studies*, **Gary T. Henry** (Mentor), Accountability and Choice in Education
- **Ying Zhu**, *Computer Science*, **G. Scott Owen** (Mentor), Graphical Simulation of Vehicle-terrain Interaction for Real-Time Training Operations

**Research Team Awards** provide funding for an interdisciplinary research team to prepare a competitive proposal for external research funding. There were 3 of these awarded in FY06.

- **Lindsay Cohen**, **Page Anderson**, *Psychology*, Children's Mastery of a Stressor: The Use of Virtual Reality for Preschoolers' Immunization Injections
- **Kristine Jolivette**, **David Houchins**, *Educational Psychology & Special Education*, **Gabriel Kuperminc**, *Psychology*, Project MARVEL: Mentor Assisted Research Validated Education and Literacy
- **Kris Varjas**, **Joel Meyers**, *Counseling & Psychological Services*, **Chris Henrich**, *Psychology*, **Olga Jarrett**, *Early Childhood Education*, Bullying Among School Children: A Research Program to Determine its Causes, Impact and Effective School-based Interventions

**Research Equipment Grants** provide funding for research equipment that is deemed essential for competitive research projects with high probability of receiving external funding. There were 2 of these awarded in FY06.

- **Linda Fowler**, *Ed. Psych. And Special Ed.*, The Role of Velar Movement in Changing the Mode of Vocal Fold Vibration
- **Joseph Peragine**, *Art and Design*, The Development of Artwork for the Atlanta City Court Building and Future

## FY05 Internal Grant Awards

In FY05 over \$395,000 was awarded to 42 faculty members from 17 departments. These awards were based on an evaluation of 65 grant applications by an Internal Grant Peer Review Committee composed of 25 senior faculty members.

**Research Initiation Grants** promote the scholarly and artistic activity of the faculty and foster academic excellence within the University. There were 25 of these awarded in FY05.

- **Stan Anderson**, *Art & Design*, Subterranean Graphic Design
- **Laura Carruth**, *Biology*, The Role for p68, a Sex Steroid Cofactor, in Brain Sexual Differentiation
- **Duane Corpis**, *History*, Crossing the Boundaries of Belief: Religious Conversion in Southern Germany, 1648-1800
- **Jeremy Crampton**, *Anthropology & Geography*, The Americans in Paris: Security and Politics at the Peace Conference of 1919
- **Denise Davidson**, *History*, Women's Social Networks & Survival Strategies in Napoleonic France
- **Nancy Floyd**, *Art & Design*, Request for Color Printing Funds for the Book, *She's Got a Gun*
- **Kyle Frantz**, *Biology*, Neonatal Injury Increases Vulnerability to Morphine Reinforcement in Rats
- **Maria Gindhart**, *Art & Design*, Ferocious Beasts & Savage Primitives: Sculpture in Western European Zoos in the Nineteenth and Early Twentieth Centuries
- **Cheryl Goldsleger**, *Art & Design*, Request for Funds to Pay Costs of Fabricating Components of Artworks to be Created for Two National Exhibitions
- **Oliver Green**, *Music*, Icons of Ethnicity: Music, Gender and Transnational Identity
- **Robert Howard**, *Political Science*, Specialized versus General Courts: A Comparison of Ideology and Decision Making of the Tax Court and the Federal District Court
- **Tricia King**, *Psychology*, Adult Outcomes of Childhood Brain Tumor Survivors
- **Paul Knapp**, *Anthropology & Geography*, A Climatologically-Perfect Storm and Large Scale Mortality of Western Juniper Woodlands in the Interior Pacific Northwest, USA
- **Christopher Kocela**, *English*, Neo-Hoodoo Fetishism in the Novels of Ishmael Reed
- **Scott Lightsey**, *English*, Marvelous Craft: Technology, Ideology and Medieval Production of Wonders
- **David Nixon**, *Political Science*, Bureaucratic Decision Making: Commissioner Voting at the Federal Communications Commission, 1975-2000

- **Tim O’Keefe**, *Philosophy*, The Fortuitous Invention of Libertarian Free Will by the Academic Skeptics
- **Nathaniel Orr**, *Music*, Music of the Highest Class: Lowell Mason and the Sacralization of Music in America
- **Joe Perry**, *History*, Broadcast Communities: Television and the Politics of Consumption in West Germany’s “Miracle Years”
- **Charles Steffen**, *History*, Atlanta Ellis Island: A History of Lindbergh Community since World War II
- **Tracie Stewart**, *Psychology*, Are Family Responsive Workplace Policies Related to Workplace Rewards? An Experimental Study of Policy Use, Gender, and Workplace Inequality
- **Eric Vanman**, *Psychology*, Emotional Deficits & Impairment of Decision Making
- **David Weberman**, *Philosophy*, The Transformation of *Verstehen* in Dilthey, Heidegger and Gadamer
- **Heying Zhan**, *Sociology*, Religion, Folk Beliefs, and Health Among Chinese Immigrant Elders in Atlanta
- **Ying Zhu**, *Computer Science*, Fast & Realistic Visualization of Large Terrain Database

**Faculty Mentored Grants** link a new investigator with an experienced mentor to provide the mentee direct personal assistance in developing a grant proposal. There were 3 of these awarded in FY05.

- **Mary Beth Calhoon**, *Educational Psychology & Special Education*, **Robin Morris** (Mentor), Adolescent Reading Project
- **Colin Crawford**, *Law*, **Michael Eriksen** (Mentor), Decentralized Wastewater Preferences in the 16 County Metropolitan Atlanta Region and their Legal and Regulatory Implications
- **Terrance Taylor**, *Criminal Justice*, **Volkan Topalli** (Mentor), Using the National Incident-Based Reporting System to Examine the Extent to which Police Clearance Rates of Violent Offenses vary by Victim Race

**Research Team Awards** provide funding for an interdisciplinary research team to prepare a competitive proposal for external research funding. There were 4 of these awarded in FY05.

- **Sue Collins**, **Dean Dabney**, **Eric Stewart**, **Volkan Topalli**, *Criminal Justice*, Impact of Social Organization & Social Control on Drug Use Promotion and Mitigation in a Drug-ridden Neighborhood
- **Genady Cymbalyuk**, **Andrey Shilnikov**, *Mathematics & Statistics*, Dynamics of Bursting Behaviors in Neuronal Models
- **Mary Finn**, **Ptlene Milnick**, **Sandra Hewell**, *Criminal Justice*, A Community Coordinated Responses to Family Violence: A Description and Preliminary Assessment of F.I.R.S.T Services
- **Emanuela Guano**, **Aliane Cerwonka**, *Anthropology & Geography*, Neoliberalism & Gender: Global Processes and Local Perspectives

**Research Equipment Grants** provide funding for research equipment that is deemed essential for competitive research projects with high probability of receiving external funding. There were 3 of these awarded in FY05.

- **Emelita Breyer**, *Chemistry*, Capillary Electrophoresis: An Increasingly Important Tool in Biotechnology Research
- **Markus Germann**, *Chemistry*, Biomolecular Fluorescence
- **Susan Laury**, *Economics*, Updating & Enhancing the Experimental Economics Laboratory

## FY04 Internal Grant Awards

In FY04 over \$280,000 was awarded to 28 faculty members from 19 departments. These awards were based on an evaluation of 61 grant applications.

**Research Initiation Grants** promote the scholarly and artistic activity of the faculty and foster academic excellence within the University. There were 14 of these awarded in FY04.

- **Robert Adelman**, *Sociology*, Assessing Racial and Class Structures
- **Robert Almeder**, *Philosophy*, Recent Work on Truth
- **Allaine Cerwonka**, *Women's Studies*, Embodied Liberalism: Rights, Reasons and Bodies in Liberalism's Philosophy of Government
- **Jeremy Diem**, *Anthropology & Geography*, Investigating Anthropologic Impacts on Warm-Season
- **John Duffield**, *Political Science*, The Strategic Consequences of Foreign Oil Dependence
- **Geoffrey Hubona**, *Computer Information Systems*, Neural Internet: Controlling a Web Browser with Brain Signals
- **Nan Jiang**, *Applied Linguistics*, Assessing Implicit Linguistic Knowledge in a Second Language
- **Sheri Joseph**, *English*, A Literary Novel (fiction) as Yet Untitled
- **Jacqueline Laures**, *Ed. Psychology & Special Ed.*, The Relation Between Hypercortisolemia and Aphasia
- **Krystyn Moon**, *History*, The Rise of Asians and Asian Americans in Vaudeville, 1880 – 1930s
- **Lalitha Naveen**, *Finance*, Board Structure and Firm Value
- **Joseph Peragine**, *Art & Design*, Artwork for the Global Health Odyssey Museum on the Campus of the Centers for Disease Control
- **A.P. Preethy**, *Computer Science*, Low Power CMOS Circuits for Mobile Communication Systems Using RNS
- **Roderick Watts**, *Psychology*, Youth Sociopolitical Development

**Faculty Mentored Grants** link a new investigator with an experienced mentor to provide the mentee direct personal assistance in developing a grant proposal. There were 4 of these awarded in FY04.

- **Page Anderson**, *Psychology*, **Lisa Armistead** (Mentor) Addressing Culture in the Treatment of Social Anxiety
- **Giovanna Gadda**, *Chemistry*, **Dabney Dixon** (Mentor) Biochemical and Mechanistic Investigation of Choline Oxidase, a Bacterial Enzyme Involved in Tolerance Towards Environmental Stress
- **Miles Irving**, *Ed. Psychology & Special Ed./ Ed. Policy Studies*, **Daphne Greenberg** (Mentor) Oppositional Identity and Science Achievement Among African Americans

- **Tricia King**, *Psychology*, **Robin Morris** (Mentor) Cognitive Trajectories of Children with Focal Brain Lesions: Neural Mechanisms of Emotional Regulation and Executive Functions

**Research Team Awards** provide funding for an interdisciplinary research team to prepare a competitive proposal for external research funding. There were **2** of these awarded in FY04.

- **Mark Reed**, *Criminal Justice*, **Brenda Blackwell**, *Social Work*, Exposure to Secondary Victimization: Focus Groups with Homicide....
- **Susan Walcott**, *Geography*, **James Heitzman**, *History*, Emerging Regional Growth Poles in China and India

**Research Equipment Grants** provide funding for research equipment that is deemed essential for competitive research projects with high probability of receiving external funding. There were **6** of these awarded in FY04.

- **Patricia Byrd**, *Applied Linguistics and ESL*, Analysis of the Language and Culture of U.S. University Classroom Communication
- **Kyle Frantz**, *Biology*, Instrumentation for the Molecular Analysis of Sex Differences in Brain Response to Stimulants
- **Cheryl Goldsleger**, *Art and Design*, Research Instrumentation Grant for Equipment to Produce & Secure ...
- **Pam Longobardi**, *Art and Design*, Equipment to Sponsor An Interdisciplinary Collaborative Research...
- **Paul Katz**, *Biology*, Upgrade of Multi-User Combined Electrophysiology/Imaging Facility
- **Liz Throop**, *Art and Design*, Communicating Visually

## FY03 Internal Grant Awards

In FY03 over \$470,000 was awarded to **47** faculty members from **24** departments. These awards were based on an evaluation of **65** grant applications.

**Research Initiation Grants** promote the scholarly and artistic activity of the faculty and foster academic excellence within the University. There were **21** of these awarded in FY03.

- **James Ainsworth-Darnell**, *Sociology*, Assessing Structuralist Versus Individualist Explanations
- **Hassan Babale**, *Geology*, Designing and XML-based Structural Geology
- **Anu Bourgeois**, *Computer Science*, Reconfigurable Meshes & Fault Tolerant Algorithms
- **Fred Brooks**, *Social Work*, A Program Evaluation of the Partnership...
- **Craig Dongoski**, *Art & Design*, Of the Worlds/Of the War
- **Paul Ferraro**, *Economics*, Virtual Players in Experimental Analyses of Human Decision-making
- **Nancy Floyd**, *Art & Design*, Time's Relentless Melt
- **Michael Galchinsky**, *English*, Jews & Human Rights: Reflections on Global Democracy
- **Mary Beth Gasman**, *Ed. Policy Studies*, Collaboration for the Cause: A History of the United Negro

- **Emanuela Guano**, *Anthropology & Geography*, Taking Back the Historic Center: The Politics of Heritage
- **Melinda Hartwig**, *Art & Design*, Iconography & Culture in Ancient Egypt
- **Christopher Henrich**, *Psychology*, Parenting Factors, Academic Motivation, & School Achievement
- **Jonathan Herman**, *Philosophy*, From Tao to Dialogue: Martin Buber's Encounter with Lao Tzu
- **Clifford Kuhn**, *History*, At the Cross Roads: Arthur Raper, the South, & the World
- **Kathryn McClymond**, *Philosophy*, A Polythetic Approach to Sacrifice
- **Susan McCombie**, *Anthropology & Geography*, Sociodemographic Predictors of Treatment for Childhood
- **Jason Mittell**, *Communication*, Cartoon Network: The Cultural Anatomy of a Cable Television
- **Elena Parra**, *Modern & Classical Languages*, An Era of Monsters: Towards a Poetic of Deformity...
- **Junco Pollack**, *Art & Design*, Replacement & Travel Support for Research
- **Sebastien Pouget**, *Finance*, Financial Markets Design & Equilibrium Learning
- **Erdal Tekin**, *Economics*, The Effect of Child Care Subsidies on Welfare

**Faculty Mentored Grants** link a new investigator with an experienced mentor to provide the mentee direct personal assistance in developing a grant proposal. There were 4 of these awarded in FY03.

- **Gladys Alexandre**, *Biology*, **Barbara Baumstark** (Mentor) Molecular Basis for Polar Flagellum Glycosylation in *Azospirillum*
- **Alice de Koning**, *Management*, **Shaker Zahra** (Mentor) The Emergence of Entrepreneurial Ventures from Science Laboratories
- **Jacqueline Laures**, *Ed. Psychology & Special Ed.*, **Robin Morris** (Mentor) The Neuroendocrine Stress Response Associated with Linguistic...
- **Gregory Lewis**, *Policy Admin. & Urban Studies*, **Paula Stephan** (Mentor) Science Education & Pay Disparities in the Federal Service

**Research Team Awards** provide funding for an interdisciplinary research team to prepare a competitive proposal for external research funding. There were 6 of these awarded in FY03.

- **Saeid Belkasim, Davis, Z. Ding, R. Harrison, Patrangenu,** *Computer Science*, New Retrieval & Classification Techniques in High & Low Level...
- **Patricia Byrd**, *American Indian ESL*, Grammar & Vocabulary in History: 2110 Survey of U.S. History
- **Arun Rai, Richard Welke**, *eCommerce Institute*, **Paurao, Wareham**, *Computer Information Systems*, **Shaker Zahra**, *Management*, Towards a Dynamic Theory of ICT Collaboration in Unpredictable...
- **Lawrence Riso**, *Psychology*, Psychotherapy for Chronically Depressed Adolescents
- **Frank Williams**, *Anthropology & Geography*, **Beth Christensen**, *Geology*, South African River Beds: The Missing Link in Human Origins
- **Douglas Yam**, *Law*, Conflict Resolution in Schools Program: Theory to Practice

**Research Equipment Grants** provide funding for research equipment that is deemed essential

for competitive research projects with high probability of receiving external funding. There were 7 of these awarded in FY03.

- **Tim Bartness**, *Biology*, Multi-User Equipment for Neurobiology
- **Nancy Floyd**, *Art and Design*, Research Instrumentation Grant for Equipment
- **Markus Germann**, *Chemistry*, Rapid in Vitro Production of Proteins for Structural..
- **Paul Katz**, *Biology*, Upgrade of Confocal Microscopy
- **Jacqueline Laures**, *Ed. Psych. and Special Ed.*, Development of the Speech & Voice Sciences Laboratory
- **Melody Moore**, *Computer Information Systems*, GSU BrainLab Instrumentation
- **Phang Tai**, *Biology*, Multi-User Equipment