

Spring 2010

## ORSP Research Newsletter - Spring 2010

Office of Research and Sponsored Programs

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*Board of Regents Approves UNO Center*

The Greater New Orleans Center for Information Assurance (GNOCIA), housed in the Department of Computer Science at the University of New Orleans, was approved on June 4, 2009 by the LSU Board of Supervisors and on August 26, 2009 by the Board of Regents.

The GNOCIA has several interrelated missions, including facilitating interaction between government, industry, and academia to perform cutting edge research in IA, attracting federal funding to support these research efforts, attracting and retaining highly-qualified students, staff, and faculty, and workforce development through creation of specialized training opportunities. The Center will also develop outreach programs to increase awareness of opportunities in IA in a number of communities, from high school students to entrepreneurs.

Finally, the GNOCIA will provide a development environment where, in collaboration with industry and government agencies, research ideas in IA are grown into real-world security tools to be used in daily practice.

The current research agenda of the GNOCIA includes development of state-of-the-art, high-performance tools for digital forensics investigation, techniques for analysis and mitigation of malware, secure programming, and research in spatio-temporal



*Golden G. Richard III, Director of the Greater New Orleans Center for Information Assurance*

information systems for homeland security.

Prof. Golden G. Richard III will serve as the Director of the GNOCIA. Profs. Mahdi Abdelguerfi, Daniel Bilal, Craig Jensen, Jaime Nino, Vassil Roussev, and Shengru Tu, along with staff members Zhiyu Zhao and Fareed Qadourra, are affiliated with the center, which will support their research and instructional activities. A number of collaborators, including faculty and staff members at Xavier University (Prof. Kun Zhang), Wayne State University (Prof. Loren Schwiebert), the Stennis Space Center (Dr. Roy Ladner and Dr. John Sample), ATC-NY (Dr. Frank Adelstein), and Technology International of Virginia (Dr. Abdo Hussein) will work closely with the affiliated faculty on important IA research.

The GNOCIA has a strong advisory board, currently consisting of Louis Dabdoub of the Department of Homeland Security; Dr. John Kelly, founder of Model Software; Dr. Bobby Savoie, CEO of Diamond Data; John Shea, of the Department of Defense; Kim Tate, of the US Secret Service; and Penny Hoglund and Greg Hoglund, of HBGary, Inc.

The GNOCIA will house equipment and software that complements currently available facilities in the Networking, Security, and Systems Administration Laboratory (NSSAL) at the University of New Orleans. A buildout of the laboratory and office space is underway and is expected to be completed in Spring 2010.

**UNO Research Facts:**

In 2008-2009:

6 inventions disclosures received

5 new patents filed

## Summer Research Program

The Office of Research and Sponsored Programs announces the opening of competition for the 2010 Summer Research Programs. Eligible UNO faculty members are encouraged to apply for one of these awards as a means of honing their grant-writing skills, and for the purpose of developing new areas of research or scholarly endeavors.

### Deadline for submission of applications:

**SCoRE and CEO: February 15, 2010**

**SUE: February 22, 2010**

**Budget Period 1 June – 13 August, 2010**

### SCoRe (Stimulating Competitive Research)

The goal of the SCoRe award is to enhance the UNO faculty's ability to successfully compete for extramural sponsored research funding. The SCoRe award is intended as seed money for tenure-track faculty to develop a new area of research activity. Funding priorities include collection of preliminary data, planning and writing of

grant proposals for external funding, maintenance of laboratory activities while preparing for a new area of research, and the purchase of research equipment. As a rule, the SCoRe award will not be used for on-going support of existing projects for which outside funding might reasonably be expected. Funding can be requested for graduate student support, undergraduate assistance, up to one month of PI summer salary, research supplies, travel and scientific equipment. Cap: \$15,000.

### CEO (Creative Endeavor Opportunity)

The goal is to provide support for tenure-track faculty to launch programs of research, scholarship, exhibition or performance that will ultimately result in increased research and creative activity on campus. Each proposal will be evaluated for its potential impact on the faculty member's discipline, as well as its contribution to the faculty member's development as a researcher, teacher and scholar in a specific field of knowledge. This funding could be used for as much as one month summer salary, research support, or subventions (page charges, book subventions, theatre/music/art productions) or some combination thereof. Cap: \$6,600.

### SUE (Summer Undergraduate Experience)

Individual faculty members can apply for a SUE award in the fall semester for the following summer. This would propose a research or scholarly experience for four to six undergraduates, and the application will include a summary of activities with a detailed budget. This award is open to both tenure-track and non-tenure track faculty. In the spring, the chosen program will solicit applications from undergraduates to participate in the SUE. Depending upon the nature of the SUE, the budget could include up to one month summer salary for the PI and a stipend for the undergraduate(s). Cap: \$15,000, dependent upon number of undergraduate participants.

Proposal forms are available at the Office of Research sharepoint page: <https://sharepoint.uno.edu/research/srp>

Those interested should contact Liz Gordon ([etgordon@uno.edu](mailto:etgordon@uno.edu) or 280-6669) with any questions.

## Responsible Conduct of Research Training

Starting January 4, 2010, the National Science Foundation (NSF) is requiring all submitting institutions to have a Responsible Conduct of Research training plan in place. The training is required for all personnel who work on NSF projects; this includes professors, graduate assistants, students, staff, and subcontractor personnel (including when UNO is the subcontractor on a project). The training has to be conducted within a year of receiving the fund-

ing or by the end of the project, whichever is shorter.

Because of this mandate, the Office of Research is developing a training plan. The training will be on-line with the possibility of some live training. The on-line training will require the successful completion of separate modules; each module will end with a quiz that must be passed in order to receive credit for the module. There will also be

refresher courses in the future. More information on the training will be announced soon.

At the moment, this training will only be required for individuals working on NSF projects, but it will expand to all in the future. If you have any questions, please contact Carol Mitton at extension 5546 or [cmitt@uno.edu](mailto:cmitt@uno.edu) or contact the Office of Research at extension 6836 or [orsp@uno.edu](mailto:orsp@uno.edu).

## Professional Development

Last semester the Office of Research held professional development sessions with topics ranging from Award Closeout, Proposal Writing, Budgeting, Subcontracts, and others. This semester we will offer most of these topics as well as new topics. The dates, times and subject will be posted to the Office of Research sharepoint site once finalized. Continue to check the site for updates and register on-line for the opportunities. If you have any suggestions for future opportunities, please contact Carol Mitton at extension 5546 or [cmitt@uno.edu](mailto:cmitt@uno.edu).

### Searching for Research Funding? Check out I.R.I.S.

IRIS (Illinois Researcher Information Service) is a research funding database that is maintained by the University of Illinois, Champaign-Urbana. IRIS allows researchers to define their funding searches by research keywords and other parameters. The entire UNO community has access to this database of more than 8,000 federal and private research funding opportunities in every field – from arts to zoology. The Office of Research & Sponsored Programs pays for this fee based service, which is available to internet users on campus. Check it out at: <http://www.library.illinois.edu/iris/>

## Chachere Doctoral Diversity Fellowships Awarded

By Johanna Schindler, Amanda Athey and Elizabeth Sigler

The University of New Orleans has awarded four 2009 Ernest G. Chachere Doctoral Diversity Fellowships for minority students in the fields of science and engineering. The 2009 Ernest G. Chachere Fellows are Celeste Espinedo, Guillermo Rincon, Emily Kuhn and Brandon Haynes.

Espinedo, who is pursuing a doctoral degree in Engineering and Applied Sciences with a concentration in Earth and Environmental Sciences, is working on the impact of invasive species on the native Poeciliids at the UNO



Pontchartrain Institute for Environmental Sciences Nekton Research Laboratory with director Martin O'Connell, Assistant Professor of Earth and Environmental Sciences. Espinedo, who recently moved to New Orleans from Austin, has a Master's in Biology with an emphasis on behavioral ecology from Texas State University. Some of her thesis work is being published in the journal *Evolutionary Ecology*.

Rincon is pursuing a doctoral degree in Engineering and Applied Sciences with a concentration in Civil and Environmental Engineering. He is working on a project for the

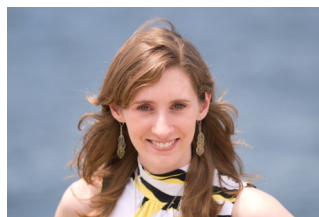


electrochemical treatment of bilge water under the supervision of Enrique La Motta, Professor of Civil and Environmental Engineering. His objective is to develop a better understanding of the electrochemical principles applicable to both water and wastewater treatment and to help facilitate cleaner technologies that can be applied successfully in industrial wastewater treatment. Rincon has a degree in chemical engineering from the University of Zulia, Venezuela, and has worked as a process engineer for

a major Venezuelan oil company, PDVSA, to implement structural and operational changes in the company's existing water treatment plants. Rincon also has experience managing hazardous materials.

"My background has made me aware of the dangerous impact of industry on the environment as well as the need for reducing and eventually eliminating such harmful effects," Rincon said. "I am confident that my work will have a positive impact on the region's environmental policies and the local economy."

Kuhn, who graduated magna cum laude with a bachelor's degree in Psychology from UNO in May 2009, is working with Robert "Bobby"



Laird, Associate Professor of Psychology, on how family and peer relationships influence development of youth behavioral and social problems and competencies.

Haynes is pursuing a doctoral degree in Urban Studies and his dissertation interests include the economic development of under-served neighborhoods. He has a bachelor's degree in Mass Communications from LSU, a Master of Public Administration from the University of Missouri, and is one class away from completing a Master of Business Administration degree from Kansas State University.

"As a New Orleans native I am looking forward to helping in the continued efforts of restoring the city to its former prominence and beyond," Haynes said.



Current Ernest G. Chachere Doctoral Diversity Fellows include: from 2007-08, Paul Flowers and Kelly Owens; and from 2008-09, Line Goss, Alex Figueroa, Alejandro Sarria and Natasha Wilson.

The Ernest G. Chachere Doctoral Diversity Fellowships at UNO provide for full tuition at the UNO Graduate School, a \$22,000 stipend per academic year for four consecutive years, and a four-year membership in the Southern Regional Education Board Doctoral Scholars Program.

The fellowships are made possible by a grant from the Southern Regional Education Board and the Louisiana Board of Regents. The Doctoral Diversity Fellowships at UNO are named in honor of Dr. Ernest G. Chachere, UNO Professor Emeritus of Education, who has extensive experience in diversity and international affairs. He was associate vice chancellor for academic and minority affairs at UNO after serving as director of International Programs, Center for the Pacific Rim. Chachere has also worked with the Fulbright-Hays U.S. Department of Education with the International Curriculum Development Seminar in Thailand, Peoples Republic of China, Honduras, Kenya, Tanzania, Zanzibar and the United Republic of Cameroon.

The Ernest G. Chachere Fellowships are intended to increase the representation of U.S. minority students in the physical and mathematical science and engineering departments at UNO. Eligible UNO doctoral programs include: Chemistry, Conservation Biology, Financial Economics, Engineering and Applied Science (Earth and Environmental Sciences, Physics, Computer Science, Mathematics, Civil and Environmental Engineering, Naval Architecture and Marine Engineering, Engineering Management, Mechanical Engineering, and Electrical Engineering) and the social sciences, including Political Science, Applied Biopsychology, Applied Developmental Psychology and Urban Studies. Strong preference is given to applicants from the physical and mathematical sciences and engineering.

Questions regarding this program can be directed to Elizabeth Sigler, Office of Research and Sponsored Programs, at [esigler@uno.edu](mailto:esigler@uno.edu) or (504) 280-7153.

## **Zhaoming Qian Receives 1st Chancellor's Research Professorship**

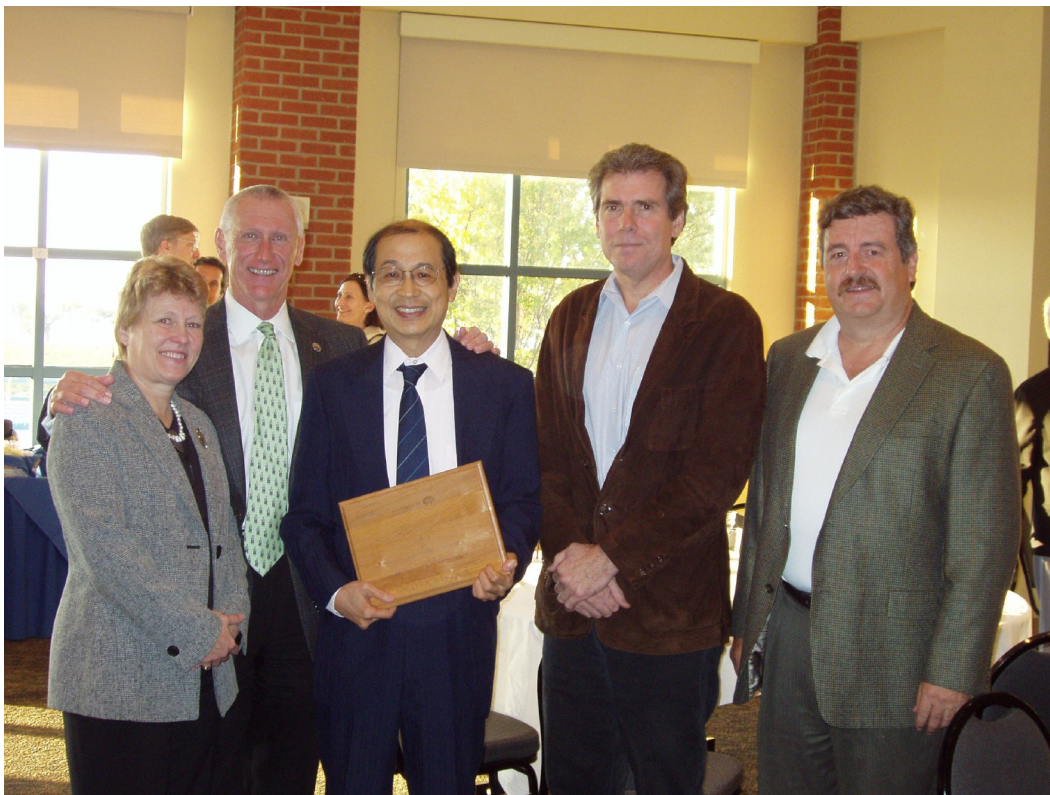
The ORSP Award Ceremony and Open House was held in the Alumni Center on November 12 where the following awards were presented:

### **Chancellor's Research Professor Award**

Zhaoming Qian,  
Department of English

### **University Research Professor Award**

Frank Schalow,  
Department of Philosophy  
Denise Reed,  
Pontchartrain Institute of  
Environmental Studies



## **Let's Jam!**

### **Early Research Professor Award**

John Renne,  
Transportation Studies  
Program

The Office of Research has held numerous Jam Sessions so far. Topics ranged from Science to Education to Liberal Arts to Public Assistance. The speakers included Dr. Mark Kulp and Dr. Mike Miner (EES); Dr. Andre Perry (Charter Schools); Dr. Shirley Laska and Dr. Monica Farris (CHART); Ken Zangla, Rose Angelocci, and Virginia Gay (TRAC); Dr. Nicola Anthony (Biology); and Dr. Denise Reed (PIES). All of the sessions were informative and interesting. If you have not attended one, you are missing out on a great way to find out what is going on at UNO.

If you would like to schedule a session to discuss your work, please contact Carol Mitton at extension 5546 or [cmitton@uno.edu](mailto:cmitton@uno.edu). This is a great opportunity to showcase your work. The Office of Research will handle all of the details to schedule and announce the event.

## **UNO**

Faculty Research	2006	2007	2008	2009
Total Research Expenditures	26,570,000	28,972,000	27,917,000	30,801,000
Total Number of Faculty (FTE)	479	457	449	442
Research Expenditures per FTE	55,500	63,400	62,300	69,700

<b>ADMINISTRATION</b>	<b>AGENCY</b>	<b>TITLE</b>
BATES, LYNETTE	US DEPT ED	University of New Orleans Classic Upward Bound
BROWN, BRENDA	US DEPT ED	Project ACCESS: Educational Talent Search
BROWN, BRENDA	US DEPT ED	Orleans-Jefferson Educational Talent Search (OJETS)
BROWN, BRENDA	US DEPT ED	Trio-Upward Bound
BROWN, BRENDA	US DEPT ED	St. Tammary Educational Talent Search (STETS)
BURNS, POLLY	BOR	Ernest G. Chachere Doctoral Diversity Fellowship
BURNS, POLLY	BOR	Graduate Fellowship Program for Doctoral Studies
CHAPUIS, NORA ALLEN	US DEPT ED	TRIO-Student Support Services Yr. 2
EVANS, PAT	TULANE UNIVERSITY	The Living Cultures Project
LAVENDER, WILLIAM	LEH	Dogs in My Life: The Photographs of John Tibule Mendes
MICHELET, DENISE	US DEPT INTERIOR	Minerals Management Service Information Transfer
MERRILL JOHNSON	BOR	Jefferson West Higher Education Center 2008-2009
ACADEMIC AFFAIRS	LA DEPT REVENUE	Statewide Customer Service Initiative
WHITTENBURG, SCOTT	NSF	2008 NSF Graduate Research Fellowship Program
WHITTENBURG, SCOTT	SPAWAR	Data Center Conceptual Design & Engineering Study
WHITTENBURG, SCOTT	SPAWAR	Veterans Affairs (VA) Scheduling Replacement Project
WHITTENBURG, SCOTT	LA DHH	Medicaid Technical Service Contract
ZANGLA, KEN	OFS	Screening/Testing for Hidden Disabilities-STEP
<b>BUSINESS</b>	<b>AGENCY</b>	<b>TITLE</b>
LOGAN, JAMES W.	LA SBDC	LSBDC GNOR FY 09
SPEYRER, JANET	NO TOURISM MARKETING	A Comprehensive Study of New Orleans Visitors
SPEYRER, JANET	NOMCVB	A Comprehensive Study of New Orleans Visitors
MIESTCHOVICH, IVAN	EDA	University Center Technical Assistance Program
MIESTCHOVICH, IVAN	RPC	Economic Impact of the Bioscience and Healthcare
WALSH, KENNETH	SPAWAR	Analysis of the Stennis Army Ammo Plant
WALSH, KENNETH	SPAWAR	Item Unique Identification (IUID) Support
WATSON, KEVIN	eVENTURE LLC	VA Impatient Flow Improvement Simulation
<b>EDUCATION</b>	<b>AGENCY</b>	<b>TITLE</b>
BEDFORD, APRIL	LSU	Project Recovery Early Reading First Initiative
FLYNN, LINDA	US DEPT ED	Louisiana Early Education Program (LEEP)
MEZA, JR., JAMES	BOR	UNO Charter Schools Yr3
MEZA, JR., JAMES	BOR	Value Added Teacher Preparation Qualitative
MEZA, JR., JAMES	TULANE UNIVERSITY	School Improvement through Charter School Excellence
PERRY, ANDRE M	URBAN LEAGUE OF GNO	Urban League Program Development and Research Project
SHARPTON, WILLIAM	DEPT OF ED	Preparing Teacher to Serve Students with Disabilities
SHARPTON, WILLIAM	US DEPT ED	Transition to Teaching-Rebuilding New Orleans
THOMAS, PAULETTE	JPPSS	Monitoring and Technical Assistance for CBITS
THOMAS, PAULETTE	JPSS	Jefferson Parish RTI/PBS PAM Project
THOMAS, PAULETTE	SCPPS	Responsive to Intervention - Pupil Assistance Model
<b>ENGINEERING</b>	<b>AGENCY</b>	<b>TITLE</b>
BIRK, LOTHAR	BOR	Rankine Panel Method for Hydrodynamic Shape Optimization
BRAILSFORD, BRUCE	LED	NCAM Cooperativd Endeavor Agreement
BRAILSFORD, BRUCE	NASA	Development of Innovative Advance Manufacturing Tech
CHARALAMPIDIS, DIMITRIOS	NSF	Embedded Multimedia Applications on FPGA's
CHARALAMPIDIS, DIMITRIOS	BOR	Analysis of Weather Radar Imaging for Clutter Rejection
CHEN, HUIMIN	DCM RESEARCH	Constellation Sensor Simulation for Airborne ASR
CHEN, HUIMIN	BOR	Game Theoretic Sensor Management for Space Target Tracking
COTHREN, GIANNA	LTRC	Student Project: UNO Steel Bridge Design and Fabrication
DOBSON, GREG	eVENTURE LLC	ISHM 3D Visualization
DOBSON, GREG	LED	Shape Acquisition and Modelling System
DONG, PINGSHA	PRESSURE VESSEL	L-PWHT and Alternative Stress Improvement Techniques
DONG, PINGSHA	BENDER SHIP	Smart "As-Built" Model Modification

<b>ENGINEERING (CONT)</b>	<b>AGENCY</b>	<b>TITLE</b>
GOPU, VIJAYA	LTRC	Administration of LTRC External Funding Program
KURA, BHASKAR	PORT OF NEW ORLEANS	Online Report Management System (ORMS)
KURA, BHASKAR	VEOLIA WATER SOUTH	Sustainable Environmental Solution UNO & Veolia Water
KURA, BHASKAR	CITY OF KENNER	Sustainable Environmental Solution Project 2
KURA, BHASKAR	HIGHWAY 90, LLC	Landfill Odor Control Management
KURA, BHASKAR	CITY OF KENNER	Sustainable Environmental Solutions Project 1
LI, XIAO RONG	ARO	Target Information Processing: Joint Decision and Estimation
LI, XIAO RONG	DHS	Coordinated Search and Surveillance by a UAV Team
LI, XIAO RONG	NAVAL OCEANO	Kalman Filter for Underwater Navigation
MATTEI, NORMA-JEAN	BOR	Transfer of Graduate Fellowship in Engineering
MATTEI, NORMA-JEAN	BOR	Development of flowable material injection procedure
MCKESSON, CHRIS	ONR	Innovative Naval Ship Design
MORRISSEY, GEORGE	TEXTRON MARINE	Performance of Three Candidate Hull Forms
SCHILLING, PAUL	SURFACE TREAT TECH	Metallurgical Characterization of ST2 Proprietary Alloys
VORUS, WILLIAM	ONR	Development of Surface Piercing Propeller Technology
VORUS, WILLIAM	ONR	Extention for SES Hydrodynamic Analysis Tools
WANG, TING	NICHOLLS STATE	Production and Utilization of
WANG, TING	BOR	High-Pressure, High-Flow Turbo Piston Pump
WANG, TING	LOUISIANA PUMP INC	High-Pressure, High-Flow Turbo Piston Pump
WANG, TING	BOR	Clean Power and Energy Research Consortium (CPERC)
<b>LIBERAL ARTS</b>	<b>AGENCY</b>	<b>TITLE</b>
AMDAL, JAMES	LSU	University Transportation Center
AMDAL, JAMES	PORT OF SOUTH LA	Emerging Bulk Commodities at Selected Gulf Ports
ASHAR, ASAF	NATHAN ASSOCIATES	Nathan Associates, Inc. - National Port's Law Project
ASHAR, ASAF	NATHAN ASSOCIATES	Container Terminal in Puerto Quetzal, Guatemala
ASHAR, ASAF	NATHAN ASSOCIATES	The Plataforma Logistica del Istmo de Tehuantepec Project
DIXON, NANCY	LEH	Putting PRIME TIME in New Orleans Public Schools
DUFOUR, WENDEL	LA DHH	Louisiana Women, Infants and Children (LA WIC) program
DUFOUR, WENDEL	JEFFERSON PARISH	Jefferson Parish comprehensive transportation and land use
DUFOUR, WENDEL	JEFFERSON FACILITIES	Monterrey Neighborhood Revitalization Strategy
FARRIS, MONICA	DEPT TRANS & DEV	Non-Structural Storm MitigationAssessmeent Exercises
FARRIS, MONICA	FEMA	Repetitive Flood Loss Reduction Project
FIELDS, BILLY	JEFFERSON PARISH	Jefferson Parish Planning Department Student Intern Program
FIELDS, BILLY	RPC	Pedestrian Bicycle Research Initiative
FIELDS, BILLY	RPC	Neighborhood Recovery - Robert E. Lee and Paris Ave.
FIELDS, BILLY	RPC	Regional Planning Commision Graduate Internships
FIELDS, BILLY	GCR	GCR Graduate Student Internship (Amd. 9)
FIELDS, BILLY	GCR	GCR Graduate Student Internship (Amd. 10)
FIELDS, BILLY	CITY OF KENNER	City of Kenner Graduate Internship (Amd. 1)
FIELDS, BILLY	MANNING ARCHITECTS	Graduate Internship
FIELDS, BILLY	GCR	GCR and Associates, Inc. Graduate Student Internship
GLADSTONE, DAVID	FRENCH EMBASSY	Embassy of France UNO Partnership Project 2008-2009
JAYAWARDANA, W	DEPT TRANS & DEV	Port Construction and Development in FY 2010-2011
JAYAWARDANA, W	DEPT TRANS & DEV	Evaluation of Port Projects FY 2008-2009
JAYAWARDANA, W	DEPT TRANS & DEV	Port Construction and Development FY 2009-2010
JAYAWARDANA, W	LAKE PROVIDENCE PORT	Needs Study for the Port of Lake Providence, Louisiana
LASKA, SHIRLEY	ORLEANS RECOVERY	Assistance Related to the Release of DFIRM
LASKA, SHIRLEY	ENVIRO DEFENSE FUND	"How Safe, How Soon"
LASKA, SHIRLEY	NOAA	Enhancing Gulf of Mexico Coastal Communities Resiliency
LASKA, SHIRLEY	FORD FOUNDATION	Stafford Act Study Proposal
LASKA, SHIRLEY	OCA	Morganza to the Gulf Technical Review Panel Participation
LASKA, SHIRLEY	LSU	Growing the Recovery/Rebuilding Web Site
LODHI, MAHTAB A.	NOAA	Gulf of Mexico Coastal Geo-Spatial Information Support
MASAKOWSKI, STEPHEN	LOYOLA UNIVERSITY	New Orleans Music, Entertainment and Educational Consortium

<b>LIBERAL ARTS (CONT)</b>	<b>AGENCY</b>	<b>TITLE</b>
MONTJOY, ROBERT	KETTERING FOUNDATION	Psychology Practicum at Southeast Louisiana Hospital
NELSON, MARLA	U PENN	Rockefeller Foundation Redevelopment Fellowship Program
PROKOPOWICZ, ADAM	DORADZTWO GOSPODARCZE	Restructuring and Privatization of the PKP Group 2004-2009
RAYES, KEN	NWP	Greater New Orleans Writing Project
SPITZER, NICK	NEA	American Routes Public Radio Series
STUFFLEBEAM, ROBERT	ILLINOIS STATE U	The Mind Project's Cutting Edge Health Science Initiative
WESTBROOK, LAURA	LA DIVISION OF THE ARTS	Louisiana Regional Folklife Program
<b>SCIENCE</b>	<b>AGENCY</b>	<b>TITLE</b>
ABDELGUERFI, MAHDI	BOR	Building Information Technology Infrastructure
ABDELGUERFI, MAHDI	eVENTURE LLC	METOC GIS Data Integration Research Project
ABDELGUERFI, MAHDI	NRL	Mining Large Spatio-Temporal Data Sets over Spatial Networks
ABDELGUERFI, MAHDI	BOR	Recruitment of Superior Graduate Students in Computer Science
ANTHONY, NICOLA	NSF	Influence of environmental variables in the gopher tortoise
BAVISTER, BARRY	NIH	Defects in Mitochondria Impacting Primate Oocyte Quality
BETHEL, MATTHEW	LUMCON	Ecosystem-Dependent Livelihood Bases of Coastal Population
BETHEL, MATTHEW	AMGM	Geodatabase for the GSMFC Bottom Mapping Project
BETHEL, MATTHEW	SEA GRANT	Geospatial Technology/Traditional Ecological Knowledge
BILAR, DANIEL	SPAWAR	Inverse Maximum Entropy Principles in Information Systems
BLANCHARD, LAWRENCE	LaSPACE	LaACES at the University of New Orleans 2008-09
CAI, YANG	CHILDREN'S HOSPITAL	Tuition and Stipends for Graduate Student
COLE, RICHARD	BOR	Gas Chromatography-Mas Spectrometry Instrument
COLE, RICHARD	EPA	Methods for Environmental Contaminant Analysis
DENG, JING	BOR	Multi-Path Key Establishment in Wireless Sensor Networks
FRICK, PAUL	MACARTHUR	System Reform in Juvenile Justice
FRICK, PAUL	DHH	Psychology Practicum at Southeast Louisiana Hospital
GEORGIOU, IOANNIS	LPBF	Hydrodynamic Modeling of diversion into Barataria Basin
GIBB, BRUCE	NSF	Studies of Deep Cavity Cavitands
GIBB, BRUCE	NIH	Capsular Assemblies Driven by the Hydrophobic Effect
HOLLADAY, KENNETH	LSU	2008-09 LaSPACE Graduate Fellowship for Arriel Wicks
HOWARD, JEROME	LSU	Analysis of Mississippi Sandhill Crane genotypes
IOUP, GEORGE	IAOGP	Data Analysis/Propagation Modelling/Web Data Hosting
IOUP, GEORGE	NRL	Evaluation of Coastal Ocean Forecasting System
IOUP, GEORGE	USM	Participation in LADC SCS07 for 2009
IOUP, GEORGE	NASA	Continuation of IPA Assignment Agreement
KULP, MARK	LSU	Habitat Restoration in the Louisiana Coastal Zone
KULP, MARK	LUMCON	Assessing Tectonic and Associated Drivers of Subsidence
KULP, MARK	USGS	Benthic Habitat Classification Map at Gulf Island
KULP, MARK	LA DNR	Statewide Barrier Shoreline - Baseline Data Establishment
KULP, MARK	USM	Sedimentation and Stratigraphy of the Penobscot River
KULP, MARK	USGS	USGS-NGOM Project: Processes of Coastal Change
LEIBO, STANLEY	AUDUBON NATURE INST	Freezing endangered crane semen to improve reproduction
LEIBO, STANLEY	LSU	Development of Vitrification for Genetic Banking
LEIBO, STANLEY	LSU	Sensitivity of spermatozoa from mice of different strains
LI, LINXIONG	USDA	Inferring Cotton Fiber Length Distribution from HVI Testing
LIU, ZHENGCHANG	BOR	Regulation of TOR signaling in budding yeast
MALKINSKI, LESZEK	BOR	Preserving Half-Metallicity of Fe3O4 for Spintronics
MARTEL, MICHELLE	BOR	Improving the mental health of New Orleans post-Katrina
MAYGARDEN, DINAH	EPA	Coastal Wetlands Stewardship Projects in GNO Schools
MAYGARDEN, DINAH	LUMCON	Understanding Coastal Communities and Wetland Resources
NINO, JAIME	UNCC	BPC-AE: The STARS Alliance
OCONNELL, MARTIN	LAWF	Fishery Stocks Post Hurricane Katrina and Rita
OCONNELL, MARTIN	LAWF	LDWF Marine Sports Fish Tagging Study
POLITZER, PETER	ONR	Novel high energy materials and processes for WMD
POUDEU, PIERRE	BOR	Laser Flash Apparatus for High Temperature Measurement



<b>SCIENCE (CONT)</b>	<b>AGENCY</b>	<b>TITLE</b>
PURI, ASHOK	BOR	Louisiana Alliance for Minority Participation (LAMP)
REED, DENISE	HALCROW	Plan for Coastal Restoration for Terrebonne Parish
REED, DENISE	LUMCON	Gulf Restoration in an Uncertain Future
REED, DENISE	RAND CORP	O CPR State Plan FY10
REED, DENISE	USGS	Delta Regional Ecosystem Restoration Implementation Plan
REED, DENISE	LOUISIANA	Morganza to the Gulf Technical Review Panel Participation
REED, DENISE	ESSEX PARTNERSHIP	Scientific Evaluation for BDCP
REED, DENISE	GOMF	Ecological Aspects of Regional Sediment Management
REES, BERNARD	BOR	Superior Graduate Fellows in Conservation Biology
RICHARD, GOLDEN	NSA	Scholarship for Information Assurance Students
RICHARD, GOLDEN	NSF	CT-ISG: A data carving architecture for digital forensics
RICK, STEVEN	NSF	Water and Protein-ligand Binding and Protein Flexibility
RICK, STEVEN	TULANE UNIVERSITY	Design and Fabrication of Microscale Devices
ROUSSEV, VASSIL	eVENTURE LLC	Dynamic Management Security for the Metoc Data Bus
ROUSSEV, VASSIL	BOR	Advanced Digital Forensic Processing of Large Data Sets
ROUSSEV, VASSIL	NAVAL POSTGRAD SCHOOL	Scalade Data Fingerprint for Large Forensic Data Sets
ROUSSEV, VASSIL	SPAWAR	Cyber Defense of Enterprise Networks (TO: 0003)
ROUSSEV, VASSIL	SPAWAR	Security Assessment of Cloud Computing Vendor Offerings
SCARAMELLA, LAURA	NIMH	A Test of the Coercion Model During Early Childhood
SCHLUCHTER, WENDY	NSF	Biosynthesis and Assembly of Phycobiliproteins
SCHLUCHTER, WENDY	SENSOR DEV CORP	Rapid Detection of VOCs Associated with Aflatoxin
SCHLUCHTER, WENDY	NSF	CAREER: Pathways for Phycobiliproteins in Cyanobacteria
SIMMONS, WILLIAM	NSF	Isotope Ratio Mass Spectrometer for Biogeoscience
SOLANKY, TUMULESH	BOR	Enhancement of Industry Oriented Statical Education
SPINU, LEONARD	BOR	Acquisition of a Cryogenic Probe Station for Nanomaterials
SPINU, LEONARD	NSF	SGER: Local Probing of Magnetization Switching
STEVENS, EDWIN	BOR	Single-Crystal X-ray Diffractometer for Structural Studies
STEVENS, EDWIN	USDA	Derivatization of Gossypol for Value-Added Utilization
STOKES, KEVIN L.	NANOHMICS, INC	Compact Night Vision Focal Array Cooling
STOKES, KEVIN L.	NANOHMICS, INC	Conformable Thermoelectric Device for Waste Heat
SUMMA, CHRIS	CHILDREN'S HOSPITAL	GA Stipends for Kapil Pothakanoori
SUMMA, CHRIS	BOR	Multidisciplinary Program in Molecular Simulation
SUMMA, CHRIS	CHILDREN'S HOSPITAL	Spring 2009 Salary and Tuition for Subhashini Puttangantha
TARR, MATTHEW	NSF	Ternary metal-cyclodextrin-guest complexes
TARR, MATTHEW	NSF	Quantum DOTS: FRET Based Probes for Cellular Assays
TAYLOR, CHRIS	CHILDREN'S HOSPITAL	Taylor Summer Salary Professional Service Agreement
TRIPLETT, BARBARA	UT AUSTIN	Genomic Analysis of Early Events in Cotton Fiber
TRUDELL, MARK	NIH	Synthesis of Potential Cocaine Therapeutics
TRUDELL, MARK	NIH	Cannabinoid Receptor Based Medications for Addiction
TRUDELL, MARK	TULANE UNIVERSITY	RC/EEP Development of Peptide Based Strategies
TRUDELL, MARK	ST. CHARLES PHARMA	Synthesis of [14C]-SCP-123
TU, SHENGRU	eVENTURE LLC	Application Reengineering Technologies Research
TU, SHENGRU	eVENTURE LLC	METOC Data Asset and Tactical Decision Aid Integration
WHITBECK, JULIE	USGS	Forest Dieback and Climate Change in Cypress Swamps
WHITBECK, JULIE	NSF	High Carbon Dioxide Habitats of Yellowstone
WILEY, JOHN	BOR	Graduate Fellowships for the Chemistry Doctoral Program
WILEY, JOHN	NSF	Multistep totpotactic reaction strategies
WILEY, JOHN	BOR	A Multimode Scanning Probe Microscope
WINTERS-HILT, STEPHEN	CHILDREN'S HOSPITAL	Professional Services Agreement for Stephen Winters-Hilt
WINTERS-HILT, STEPHEN	CHILDREN'S HOSPITAL	Graduate Students Services Agreement
WINTERS-HILT, STEPHEN	CHILDREN'S HOSPITAL	SWH Summer Professional Services Agreement
ZHOU, WEILIE	BOR	Fabrication of Core Shell Nanowires for Solar Energy
ZHOU, WEILIE	ACS	Direct Growth of Type II Core/Shell Nanowire Array
ZHU, DONGXIAO	CHILDREN'S HOSPITAL	Zhu Summer Salary Professional Service Agreement