

UCF Researchers Receive Record \$121.4 Million in Funding in 2006-07

RESEARCHERS AT THE UNIVERSITY OF CENTRAL FLORIDA received a record \$121.4 million in outside grant funding in the 2006-07 fiscal year. Double-digit percentage increases in education, engineering, optics and simulation contributed significantly toward the overall 18 percent increase over last year's funding.

The 2006-07 fiscal year marks the third consecutive year in which UCF researchers have surpassed \$100 million in research funding. They collected \$104.4 million in 2005-06.

"Research funding is often perceived as an indicator of the quality of a university's research. At UCF, that is especially true because several of the large grants that researchers received were extremely competitive," said M.J. Soileau, UCF's vice president for Research and Commercialization.

"UCF researchers routinely compete with their peers at the nation's top research universities for federal project funding," Soileau said. "Increasingly, UCF scientists are the ones being funded."

For example, Eduardo Salas, a psychology professor and scientist at the Institute for Simulation and Training (IST), received \$1 million a year from the Office of Naval Research for a five-year project on how team members process information to develop a shared understanding of their tasks. The research aims to help the military better coordinate rescues of missing aid workers and other complex missions.

The project began in 2006 with a theoretical study and will continue this fall with experiments on how team members' understanding is affected by command and control.

By drawing upon experts in psychology, philosophy, computer science and engineering, the project is exactly the type of multidisciplinary work that helped IST increase its research funding to \$14 million, a 72 percent increase over the previous year.

"Over a three-year period, we augmented our research resources and sought increased collaboration with other UCF units, other universities and potential partners outside the academic community," said Randall Shumaker, director of IST. "These initiatives provided the opportunity to produce more proposals and compete for more comprehensive efforts that we could not have hoped to accomplish alone."

UCF researchers received \$57 million from federal government agencies, \$32.3 million from state agencies, and \$32 million from industries and other sources in the 2006-07 fiscal year, which concluded June 30.

"The College of Engineering and Computer Science attracted \$20.9 million in funding, largely as a result of recruiting and retaining faculty who aggressively pursue grants," said Debra Reinhart, professor and executive associate dean.

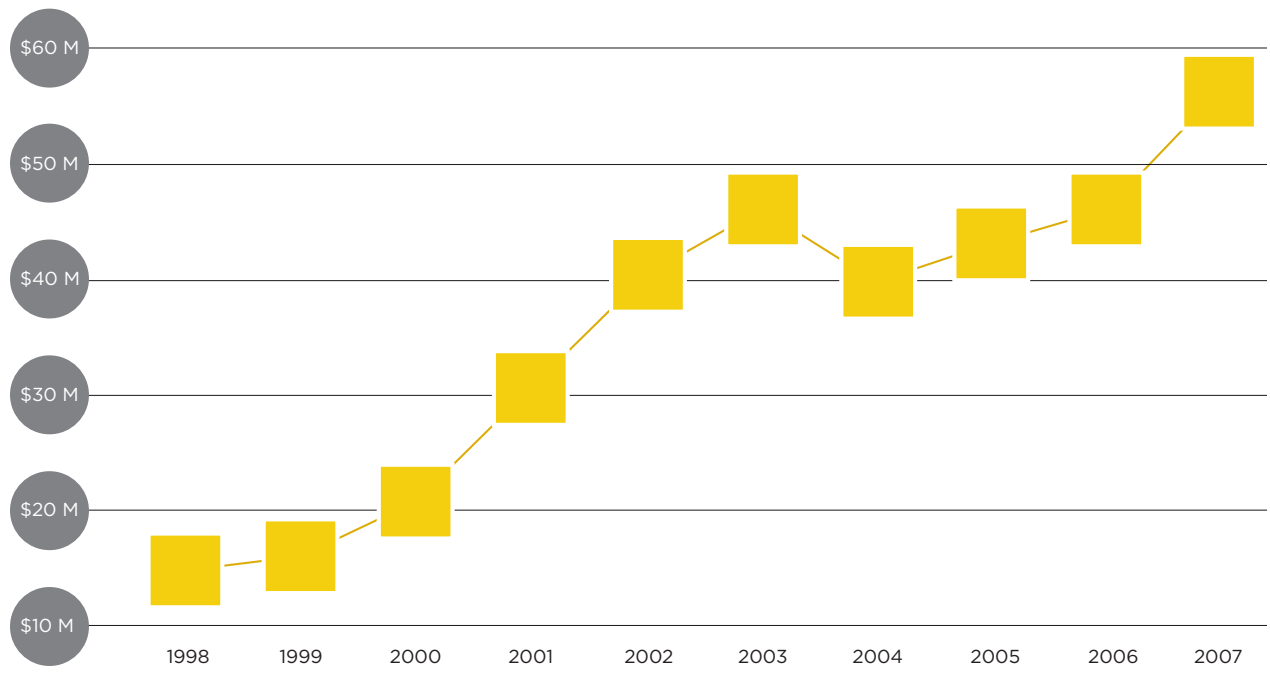
Engineering projects included \$957,000 for the development and testing of wastewater treatment systems for removing nutrients from septic tanks. The grant was awarded by the Florida Department of Environmental Protection by Ni-Bin Chang and Martin Wanielista, professors of Civil and Environmental Engineering. "Nutrients encourage algae plant growth in some water systems where it can be harmful," Wanielista said. One of those nutrients, nitrogen, has been shown to cause health problems in children.

In another collaborative project, assistant professor Richard Eastes of the Florida Space Institute and professor James Harvey of the College of Optics and Photonics received \$1 million from NASA to design an ultraviolet imaging spectrometer that would give scientists a better view of how space weather affects the earth.

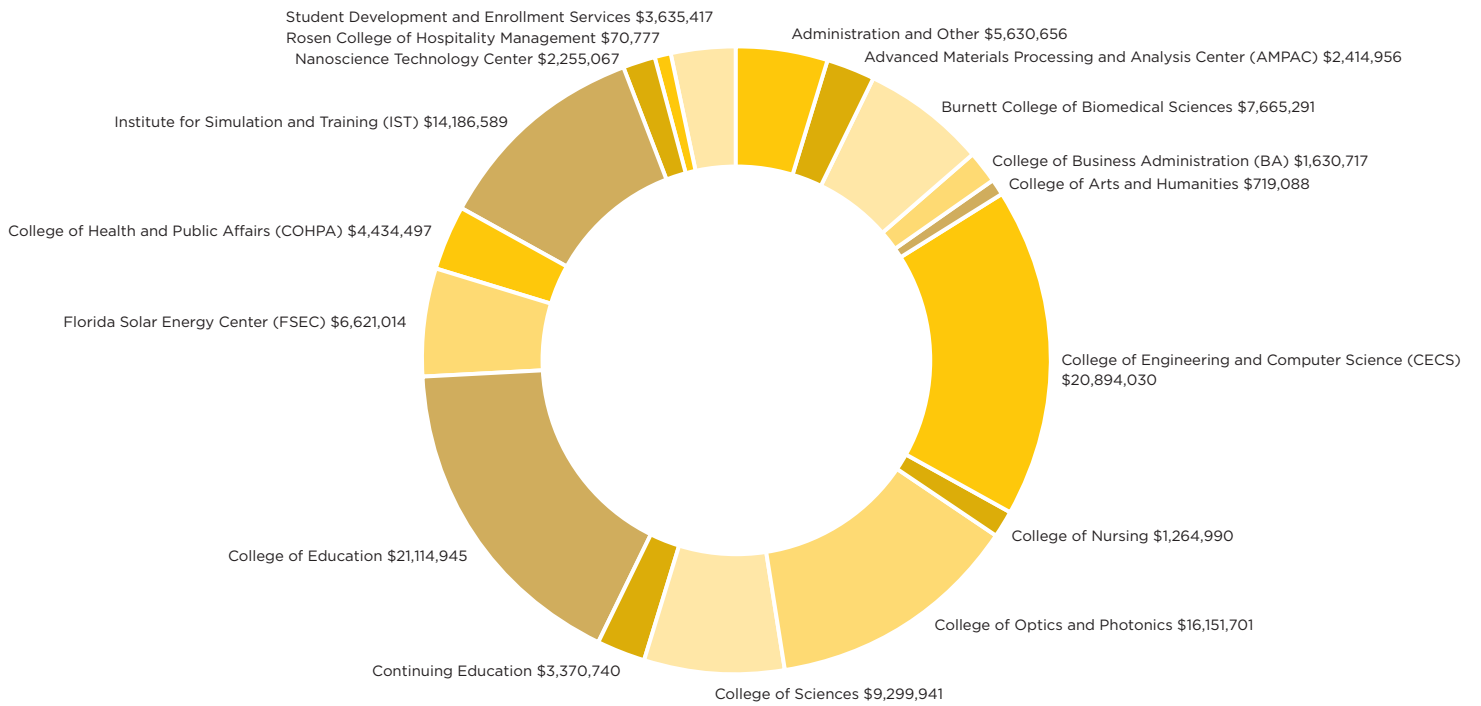
The College of Education led all UCF colleges and institutes with \$21.1 million in research funding in 2006-07. Much of that total came from state programs focused on teaching reading and literacy. Federally funded projects include \$403,000 received by associate professors Lee Cross and Lynn Hartle to train specialists to work with families of infants and toddlers and \$418,000 received by professor Wilfred Wienke and project director Cynthia Pearl to train teachers to work with autistic children.

The College of Optics and Photonics received \$16.1 million, including \$4.5 million to establish a state center of excellence in advanced laser technology. These funds helped build the Townes Laser Institute, which was dedicated in May.

TOTAL FEDERAL AWARDS, 1998-2007



2007 RESEARCH AWARDS BY ACADEMIC UNIT



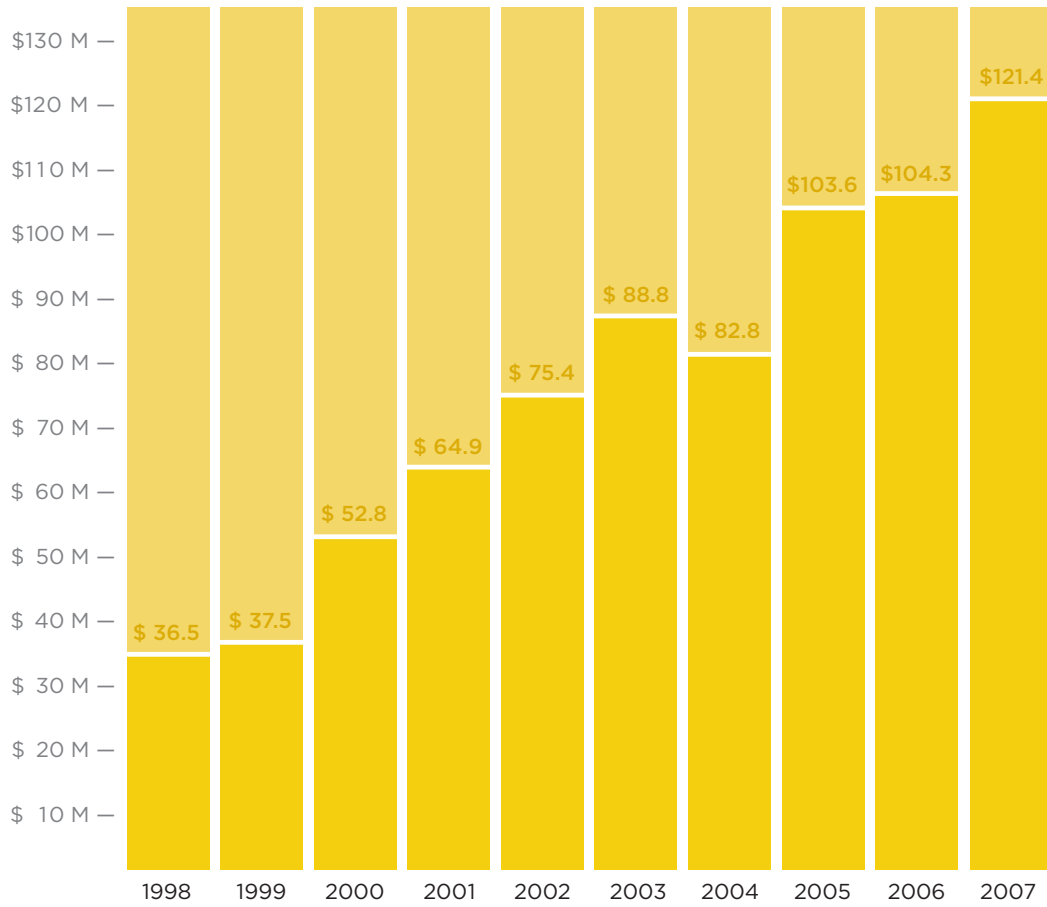
National Institute of Justice
 National Institutes of Health
 National Oceanic & Atmospheric Administration
 National Park Service
 National Renewable Energy Lab
 National Science Foundation
 National Security Agency
 National Writing Project
 North Atlantic Treaty Organization
 NAVAIR Orlando TSD
 Naval Surface Warfare Center
 National Collegiate Athletic Association
 Nelson Engineering
 New Mexico State University
 Ninth Judicial Circuit Court of Florida
 North Dakota State University
 Northrop Grumman Corporation
 nSolGel, LLC
 Nuonics, Inc.
 Oak Ridge National Lab
 Office of Naval Research
 Office of the Attorney General
 Office of the State Attorney
 Ohio State University Research Foundation
 Optical Research Associates
 OptiGrate
 Orange County
 Orange County Convention Center
 Orange County Government
 Orange County Government/District 9 Medical Examiner's Office
 Orange County Health Department
 Orange County Public Schools
 Orange County Sheriffs Department
 Orange City Board of City Commission
 Orbitec
 Orlando-Orange County Expressway Authority
 Osceola County Schools
 PAIRS Foundation, LTD
 Patrick Air Force Base
 Pennsylvania State University
 Percep Tek
 PETROBRAS
 Philip Morris, Inc.
 PICO Technologies
 Pinellas County Utilities
 Power Systems Manufacturing
 Pratt and Whitney
 Professional Convention Management Association
 Progress Energy
 Quality Forensics, LLC
 Quest, Inc.
 Raydiance, Inc.
 Raytheon Company
 Research Development Engineering Command Simulation Technology Center
 Reciprocating Actuators, LLC
 Research and Development Solutions
 Research Foundation - State University of New York
 Research Foundation of University of Central Florida
 Residential Energy Service Network, Inc.
 Rini Technologies, Inc.
 Rippe Health Assessment & Lifestyle Institute, Inc.
 Rockwell Scientific Company
 Rolls Royce Canada
 Royal Concrete Concepts
 Rutgers University
 Sandia National Labs
 Schaller Engineering, Inc.
 Science Applications International Corp
 Sciperio, Inc.
 sdPhotonics, LLC
 Second Harvest Food Bank
 Semiconductor Research Corporation
 Seminole County
 Seminole County Health Department
 Seminole County Public Schools
 SEMPlastics
 Sensormatic, Inc.
 SI2 Technologies, Inc.
 Siemens AG Power Generation
 Siemens Medical Solutions, CTC
 Siemens USA
 Siemens Westinghouse Power Corp
 Simiosys
 SISO, Inc.
 Solar Rating & Certification Corporation
 South Carolina Institute for Energy Studies
 South Florida Water Management District
 Southern Company Services
 Southwest Florida Water Management District
 Space Alliance Technology Outreach Program
 Space Florida
 Space Telescope Science Institute
 Sporian Microsystem
 St. Johns River Water Management District
 State of Florida (Legislature)
 State University of New York - Utica
 Stottler-Henke Associates, Inc.
 Summerport Land Company
 Summit Technologies, Inc.
 SVT Associates
 Symantec
 Technical Solutions, Inc.
 Telcordia Technologies
 Teledyne Scientific and Imaging, Inc.
 Texas A&M Research Foundation
 Texas State Energy Office
 The Forensic Sciences Foundation, Inc.
 The Harris Foundation
 The Institute of Internal Auditors Research Foundation
 The Nature Conservancy
 The School Board of Pinellas County
 The Virtual Reality Medical Center
 TracStar System
 TRADOC Analysis Center
 Turbine Technology Services Corporation
 UCF Foundation, Inc.
 United States-Israel Binational Science Foundation
 United Technologies/USBI
 Universal Technology Corporation
 Universities Space Research Association
 University of Alabama
 University of Arizona
 University of California at Berkeley
 University of Colorado
 University of Florida
 University of Florida-HCSHWM
 University of Illinois at Chicago
 University of Linz
 University of Miami
 University of Nebraska
 University of North Dakota
 University of North Florida
 University of Pittsburgh
 University of South Florida
 University of Washington
 University of West Florida
 US Air Force Research Lab
 US Air Force-Joint Stars Test Force
 US Army Medical Research & Materiel Command
 US Army Research Institute
 US Army Research Laboratory
 US Army Research Office
 US Civilian Research & Development Foundation
 US Department of Agriculture
 US Department of Commerce
 US Department of Education
 US Department of Energy
 US Department of Energy, Office of Science
 US Department of Energy-NETL
 US Department of Health & Human Services
 US Department of Health & Human Services-PHS-HRSA
 US Department of Interior
 US Department of Transportation
 US Election Assistance Commission
 US Environmental Protection Agency
 US Fish & Wildlife Service
 US Geological Survey
 US Naval Research Laboratory
 US Special Operations Command
 Various
 Vision to Reality
 VISIT FLORIDA
 Volusia County Government
 Volusia Environmental Management Services
 Weitzman Institute of Science
 Winfred Johnson Clive Foundation
 Women's Resource Center
 Xerox Corporation
 Zyberwear, Inc.



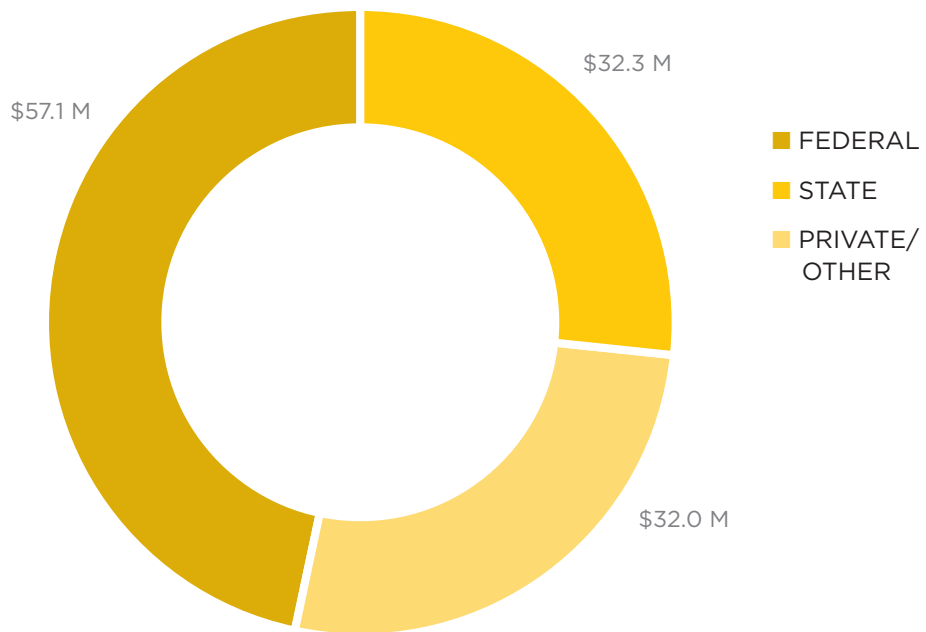
Office of Research and Commercialization
MILLIONAIRES

Dr. Sandra L. Robinson	College of Education	\$ 11,777,885
Dr. Martin C. Richardson	College of Optics and Photonics	\$ 5,198,928
Dr. Jayanta S. Kapat	College of Engineering and Computer Science (CECS)	\$ 3,217,762
Mr. Ernest A. Smart	Institute for Simulation and Training (IST)	\$ 2,805,097
Dr. Eric W. VanStryland	College of Optics and Photonics	\$ 2,775,768
Dr. Denise M. Nicholson	Institute for Simulation and Training (IST)	\$ 2,667,415
Dr. Mary E. Little	College of Education	\$ 1,757,126
Dr. Jaydeep Mukherjee	College of Engineering and Computer Science (CECS)	\$ 1,554,880
Dr. Lee S. Cross	College of Education	\$ 1,548,436
Dr. Florian Jentsch	College of Sciences	\$ 1,385,545
Dr. James J. Hickman	Nanoscience Technology Center	\$ 1,377,185
Dr. David J. Hagan	College of Optics and Photonics	\$ 1,362,961
Dr. Martin P. Wanielista	College of Engineering and Computer Science (CECS)	\$ 1,333,919
Dr. Vicky Zygoris-Coe	College of Education	\$ 1,300,000
Dr. Henry Daniell	Burnett College of Biomedical Sciences	\$ 1,133,218
Dr. Chad Nye	College of Health and Public Affairs (COHPA)	\$ 1,129,166
Dr. Richard W. Eastes	College of Engineering and Computer Science (CECS)	\$ 1,072,980
Mr. Don B. Shirey, III	Florida Solar Energy Center (FSEC)	\$ 1,072,667
Ms. Eileen M. Smith	Institute for Simulation and Training (IST)	\$ 1,045,630
Mr. Brian Plamondon	Institute for Simulation and Training (IST)	\$ 1,040,318
Dr. Wilfred D. Wienke	College of Education	\$ 1,038,491
Dr. Pappachan E. Kolattukudy	Burnett College of Biomedical Sciences	\$ 1,033,137
Dr. Michael E. Sigman	College of Sciences	\$ 1,016,298
Dr. Pieter G. Kik	College of Optics and Photonics	\$ 971,307

10-YEAR RESEARCH FUNDING HISTORY, 1998-2007



2007 SPONSORED RESEARCH PROGRAM AWARDS BY SPONSOR TYPE



AGENCY FUNDING

Acatel Space
ACS Systems Engineering Ltd
Advanced Micro Devices, Inc.
Air Force Office of Scientific Research
Air Force Agency for Modeling and Simulation
Air Force Research Laboratory
Alfred P. Sloan Foundation
Alion Science and Technology
Alion Science and Technology/Micro Analysis & Design Corporation
Alternative Energy Systems Consulting, Inc.
Amberg
American Cancer Society
American Council for an Energy Efficient Economy
American Foundation for Aging Research
American Health Information Management Association
American Heart Association
American Type Culture Collection
Analex
Analog Devices
Advanced Power Electronics Corporation
Apollo Technologies, Inc.
Aptima, Inc.
Archbold Biological Station
American Resort Development Association International Foundation
Arkansas State University
ASRC Aerospace Corporation
Association of American Colleges and Universities
BD Displays
Bersin & Associates
Boulder Nonlinear Systems, Inc.
BP Solarex
Brevard County Natural Resources Management Office
Brevard Zoo
Bristol Myers Squibb Company
Bureau of Animal Disease Control
CACI, Inc.
California State University Fullerton
Caribbean Conservation Corporation
Caribbean Solar Energy Society
Carnegie Observatories
Central Florida Area Health Education
Central Florida Hotel & Motel Association
ChemImage Corporation
CHI Systems, Inc.
Childhood Neurosurgery and Center for Hydrocephalus
Chlorgen, Inc.
City of Minneola
City of Orlando
Clean Airport Partnership, Inc.
Clemson University
Cotswold Foundation
Cricket World Cup Saint Lucia, Inc.
Cymer Corp
Defense Advanced Research Projects Agency
Defense Modeling and Simulation Office
Design Interactive, Inc.
Disney Animal Kingdom
Disney Character Programs and Development
Disney Wildlife Conservation Fund
Department of Defense/Air Force
DOD/Navy/Navy Modeling and Simulation Office
Dot Decimal
Eagan, McAllister Associates, Inc.
Eastman Kodak
Electrodynamics Associates, Inc.
Embry-Riddle Aeronautical University
Engineering Systems Solutions, Inc.
Enhanced Business Reporting Consortium
Enterprise Foundation
Environmental Consulting & Technology, Inc.
Environmental Research and Education Foundation
FAHS-Beck Fund for Research & Experimentation
Fairchild Semiconductor
Federal Aviation Administration Technical Center
Ferrate Treatment Technologies, LLC
Florida A&M University
Florida Alliance Assist Service & Technology
Florida Board of Governors
Florida Department of Agriculture
Florida Department of Community Affairs
Florida Department of Education
Florida Department of Environmental Protection
Florida Department of Environmental Protection-FEO
Florida Department of Forestry
Florida Department of Health
Florida Department of Transportation
Florida Division of Cultural Affairs
Florida Division of Historical Resources
Florida Fish and Wildlife Conservation Commission
Florida Alliance for Assistive Services and Technology, Inc.
Florida Alliance for Student Service
Florida Atlantic University
Florida Campus Compact
Florida Education Fund
Florida Gulf Coast University
Florida Hospital
Florida Hospital Association
Florida Humanities Council
Florida Institute of Phosphate Research
Florida International University
Florida Power & Light
Florida Space Grant Consortium
Florida State University
ForHealth Technologies, Inc.
Foundation of the National Student Nurses' Association
Freescale Semiconductor
French American Fund for University Partnerships
Gencrest
George Mason University
Georgia Institute of Technology
GeoSyntec
Global Methane Control
GT Analysis, Inc.
Harlem Children Society
Harris Corporation
Harry Jackson, M.D., P.C.
Health Alliance Family Care Center
Help of Fort Meade, Inc.
High Energy Laser-Joint Tech. Office
Hooter's Management Corporation
Hunter College of City University of New York
Idaho National Engineering & Environmental Laboratory
Illinois State University
InnoSense LLC.
Innovation Capital Associates Pty Limited
Institute FEMTO-Sciences & Technologies, LCEP
Integrative Health International, LLC
Intel Corporation
Intelligent Automation, Inc.
Interuniversitair Micro-Elektronica Centrum vzw
ITT Corporation
J.M. Huber Corporation
Jet Propulsion Laboratory
John A. Hartford Foundation
Kaizen Consulting, Inc.
Kent Optronics, Inc.
Kent State University
Kids House of Seminole, Inc.
Kiev Foundation
Kissimmee Convention and Visitors Bureau
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L3 Communications - Titan Corporation
L3 Communications Link Simulation & Training
Lawrence Berkley National Labs
Link Foundation
Lockheed Martin
Lockheed Martin Integrated Systems & Solutions
Lucent Technologies, Inc.
Lucius N. Littauer Foundation
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M.C. Davis
M.D. Anderson Cancer Center Orlando
Mannkind Biopharmaceuticals
Marion County Planning
Manpower Demonstration Research Corporation
Metro Plan Organization of Orlando
MetroOrlando Economic Development Commission
Metroplan Orlando
Micro Analysis & Design
Missile Defense Agency
Mitsubishi Power Systems
Motorcycle Safety Foundation
Nadic Engineering Services, Inc.
NanoSpective
NASA
NASA Headquarters
NASA Kennedy Space Center
National Association of Securities Dealers
National Collegiate Inventors and Innovators Allia