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NEWS



Sara J. Czaja, Ph.D., receives \$9 million in NIH funding to continue CREATE research.

UM Researcher Receives \$9 Million NIH Grant

Sara J. Czaja, Ph.D., professor of psychiatry and behavioral sciences and co-director of the Center on Aging at the Miller School, has received renewed funding of \$9

million over five years from the National Institute on Aging for the Center for Research and Education on Aging and Technology Enhancement (CREATE). The renewal marks the eleventh straight year of grant funding from the National Institutes of Health and has resulted in CREATE I, CREATE II and now CREATE III.

A multi-site center, CREATE is a collaborative effort between the Miller School, UM's College of Engineering, Georgia Institute of Technology and Florida State University to help older people adapt to the information age. Dr. Czaja also has a secondary appointment in UM's Department of Industrial Engineering.

Given the increased use of computers and other technology, an overriding societal concern has been how well older people adapt to rapid developments

GRAND ROUNDS

Tuesday, November 10, 2009 8 a.m.
Pediatric Grand Rounds: "Adult Pediatric Patients: Transition of Care for Children with Special Health Care Needs"

Tuesday, November 10, 2009 12 p.m.
Dr. William O'Neill Presents Cardiovascular Grand Rounds: "High Risk PCI"

Thursday, November 12, 2009 7 a.m.
Orthopaedics Grand Rounds: "Non-Invasive Management of Knee OA—What Research is Saying and What New Questions Need to be Asked"

Thursday, November 12, 2009 7:30 a.m.

Surgical Grand Rounds: "Shock Resuscitation and Hemorrhage Control"

Thursday, November 12, 2009 8 a.m.
Neurological Surgery Grand Rounds: "Neuropathology Review Conference"

Thursday, November 12, 2009 12 p.m.
Hospital Medicine Grand Rounds: "Management of Pleural Effusion—2009"

Friday, November 13, 2009 10 a.m.
Neurology Grand Rounds/CME Lecture

Friday, November 13, 2009 12 p.m.
Psychiatry Grand Rounds: "Psychiatric Malpractice: A Legal Perspective"

Thursday, November 19, 2009 7 a.m.
Orthopaedic Grand Rounds: "Bone Graft Substitutes—Update 2009"

in technology, now essential to living independently. The original goal of CREATE I was to design a multidisciplinary center of research and education to assess factors that affect successful adoption of technology by older adults and to examine issues associated with technology training and interface design.

CREATE II emphasized technology applications in the workplace, in health care and at home to facilitate safety and security, as well as everyday tasks. CREATE III will continue to focus on applications of technology in the home, workplace settings and the health care arena, with an emphasis on translational research and collaborations with the community and business/industry.

"During the next years our research team at UM will be examining issues associated with telemedicine applications, patient portals of electronic medical records, telework and technology training," said Dr. Czaja, principal investigator of CREATE. "We will be looking at some cutting-edge issues related to aging, technology, health care and employment."

Joseph Sharit, Ph.D., research professor in the Department of Industrial Engineering, is one of CREATE's lead researchers at UM. Dr. Sharit concurs with Dr. Czaja regarding the innovation and timeliness of the CREATE research projects. "Our research is addressing two concerns -- health care and work -- that are particularly relevant to older adults," said Dr. Sharit. "The planned projects build on our past research, incorporate both experimental and field research protocols and take CREATE to the next level, examining tasks that are critical to independence in community settings."

The research conducted at CREATE is aimed at helping community agencies, service providers and system designers maximize the usefulness of new technologies for older adult populations. CREATE investigators believe that well-designed technology can play an integral role in promoting independence and quality of life among older people.

Thursday, November 19, 2009 8 a.m.
Neurological Surgery Grand Rounds:
"Neuropathology"

Monday, November 23, 2009 4 p.m.
Rehabilitation Medicine Grand
Rounds: "Hypoxia as a Secondary
Insult After TBI in Children—
Implications for Prognosis and
Recovery"

EVENTS

Tuesday, November 10, 2009 9 a.m.
Salary Transfers Class

Tuesday, November 10, 2009 12 p.m.
Sponsored Programs Human Subjects
Protection Workshop: "Awkward
Research: Sects, Sex and Drugs"

Tuesday, November 10, 2009 12 p.m.
Microbiology and Immunology Seminar:
"Immunoglobulin Class Switch DNA
Recombination and Somatic
Hypermutation"

Tuesday, November 10, 2009 12 p.m.
Cell Biology and Anatomy Dissertation
Seminar: "Biology of Amacrine Cells and
Retinal Ganglion Cells in the Developing
Retina"

Wednesday, November 11, 2009 12 p.m.
The Miami Project to Cure Paralysis
Seminar: "Molecular Mechanisms that
Regulate Myelination in the PNS"

Wednesday, November 11, 2009 7 p.m.
Sylvester Designs Unique Fundraiser
Featuring Survivors

Thursday, November 12, 2009 12 p.m.
Microbiology and Immunology
Dissertation Seminar: "Functional
Analysis of the YopN/SycN/YscB/TyeA
Complex of Yersinia Pestis"

Thursday, November 12, 2009 12 p.m.
Molecular and Cellular Pharmacology
Seminar: "Promoting Axonal
Regeneration in the CNS"

Thursday, November 12, 2009 6:30 p.m.
Nordstrom Guide to Men's Style Event
Benefitting The Buoniconti Fund to Cure
Paralysis

Friday, November 13, 2009 12 p.m.
Microbiology and Immunology Seminar:
"Transcriptional Regulation of the

Pseudomonas Aeruginosa Type III Secretion System"

Sunday, November 15, 2009 8 a.m.
Miracle 5K Walk/Run to Benefit the Transplant Foundation

Monday, November 16, 2009 12 p.m.
Microbiology and Immunology Seminar: "Role of TNF and TNF Inhibition in Experimental Autoimmune Encephalomyelitis"

Monday, November 16, 2009 12 p.m.
Department of Medicine Research Conference

Tuesday, November 17, 2009 10 a.m.
Parkinson's Disease and Movement Disorders Center Presents "2009 Huntington's Disease Symposium"

Tuesday, November 17, 2009 12 p.m.
Cell Biology and Anatomy Seminar: "Preserving the Germline: Surprises in Gene Regulation"

Tuesday, November 17, 2009 4 p.m.
Genetics and Genomics Seminar: "The Human Brainome: Genome, Transcriptome, Proteome and Phenome Interaction in the Human Cortex"

Friday, November 20, 2009 12 p.m.
Biochemistry and Molecular Biology Seminar: "Oxidative Stress and DNA Damage: A Double-Edged Sword for Cancer Cells?"

Friday, November 20, 2009 12 p.m.
Free Parenting Seminar

Monday, November 30, 2009 12 p.m.
Participate in the Business Services Online Silent Auction to Benefit the United Way

Friday, January 29, 2010 8 a.m.
Register Now for 19th Annual Masters of Pediatrics Conference

e-Update is a service of the Office of Communications at the University of Miami Leonard M. Miller School of Medicine.
To view current and past issues, visit <http://e-update.med.miami.edu>.

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