

LIST OF AWARD RECIPIENTS
UB 2020 RESEARCH AND DEVELOPMENT ACTIVITIES FUND (IRDF)

**Principal Investigators
and Co-Investigators
November 2005**

"Behavioral Measures of Age-Related Hearing Loss and It's Prevention"

Principal Investigator

Micheal Dent
Psychology
College of Arts & Sciences

Co-Investigators

Richard Salvi
Communicative Disorders & Sciences
College of Arts & Sciences

Matthew Xu-Friedman
Biological Sciences
College of Arts & Sciences

"Scale Effects on Musculoskeletal Design in Terrestrial Crabs"

Principal Investigator

Scott Medler
Biological Sciences
College of Arts & Sciences

Co-Investigators

Kevin Hulme
NYSCEDII
School of Engineering & Applied Sciences

Venkat Krovi
Mechanical & Aerospace Engineering
School of Engineering & Applied Sciences

Scott White
Exercise & Nutrition Sciences
School of Public Health & Health Professions

"Analysis of cerebral regional physiologic & dopaminergic dysfunction of schizophrenia in a novel transgenic developmental model and in human patients using positron emission tomography"

Principal Investigator

Robert S. Miletich

Nuclear Medicine

School of Medicine & Biomedical Sciences

Co-Investigators

Steven L. Dubovsky

Psychiatry

School of Medicine & Biomedical Sciences

Jerry Richards

Research Institute on Addictions

College of Arts & Sciences

Michal Stachowiak

Pathology & Anatomical Sciences

School of Medicine & Biomedical Sciences

"Phenethyl Isothiocyanate in Breast Cancer Prevention"

Principal Investigator

Marilyn E. Morris

Pharmaceutical Sciences

School of Pharmacy & Pharmaceutical Sciences

Co-Investigators

Atif B. Awad

Exercise & Nutrition Sciences

Public Health & Health Professions

James R. Olson

Pharmacology & Toxicology

School of Medicine & Biomedical Sciences

"Developing Student Understanding of Disaster-Related STEM Topics Using Authentic Interactive Curriculum Modules"

Principal Investigator

Gilberto Mosqueda
Civil, Structural & Environmental Engineering
School of Engineering & Applied Sciences

Co-Investigators

Xiufeng Liu
Learning & Instruction
Graduate School of Education

Deborah Moore-Russo
Learning & Instruction
Graduate School of Education

Sofia Tangalos
MCEER
School of Engineering & Applied Sciences

"Analyzing Emergency Response Management Systems in the Context of the Katrina and Rita Disasters--A First Responder Focus"

Principal Investigator

Raghav Rao
Management Science & Systems
School of Management

Co-Investigators

Catherine Cook-Cotone
Counseling and Educational Psychology
Graduate School of Education

Raj Sharman
Management Science & Systems
School of Management

Shambhu Upadhyaya
Computer Science & Engineering
School of Engineering & Applied Sciences

"New Real-time, High-Resolution, Radiographic Imager Based on Electron Multiplier Charged Coupled Devices (EMCCD)"

Principal Investigator

Stephen Rudin

Radiology

School of Medicine & Biomedical Sciences

Co-Investigator

Daniel R. Bednarek

Radiology

School of Medicine & Biomedical Sciences

Alexander Cartwright

Electrical Engineering

School of Engineering & Applied Sciences

Lisimachos Kondi

Electrical Engineering

School of Engineering & Applied Sciences

Kenneth R. Hoffmann

Neurosurgery

School of Medicine & Biomedical Sciences

L. Nelson Hopkins

Neurosurgery

School of Medicine & Biomedical Sciences

Lee R. Guterman

Neurosurgery

School of Medicine & Biomedical Sciences

Angelo M. DelBalso

Radiology

School of Medicine & Biomedical Sciences

"Structural Analysis of Sliding Clam-DNA Polymerase Complexes"

Principal Investigator

Mark D. Sutton

Biochemistry

School of Medicine & Biomedical Sciences

Co-Investigators

Vivian Cody
Structural Biology
Hauptman-Woodward