

# R·I·T

# PRINCIPAL INVESTIGATORS 2006

A Program and Reception in Honor of  
Principal and Co-Principal Investigators for the Year 2006

Sponsored by the Office of the Provost

February 22, 2007  
Golisano Auditorium and Atrium

# THE 2006 RIT PRINCIPAL INVESTIGATORS' RECEPTION

## *Program*

### **Welcome: Looking Back To the Year 2006**

**Marjorie K Zack**

*Director · Sponsored Research Services*

### **RIT Batting 1000 Club**

**Donald L Boyd**

*Vice President for Research*

### **Principal Investigator Presidential Award**

**Albert J Simone**

*President*

### **Scientific Visualization at RIT**

**Paul A Craig**

*Professor of Chemistry · College of Science*

**Richard L Doolittle**

*Professor and Director, Biomedical Sciences · College of Science*

### **Closing Comments**

**Stanley D McKenzie**

*Provost*

### **Reception**

*Following the program, please join us in the Atrium for a reception honoring the Principal Investigators of 2006*

## Batting 1000 in 2006

Principal Investigators who successfully secured funding for their first grant proposals at RIT:

Ronald Amberger	<i>Professor, Mechanical Engineering Technology College of Applied Science and Technology</i>
Daniel Batchelder	<i>Assistant Research Scientist, Chester F Carlson Ctr for Imaging Science College of Science</i>
Christopher Collison	<i>Assistant Professor, School of Physical Sciences - Chemistry College of Science</i>
Steven Day	<i>Assistant Professor, Mechanical Engineering Kate Gleason College of Engineering</i>
Joseph Fornieri	<i>Associate Professor, Political Science College of Liberal Arts</i>
Suzanne Graney	<i>Assistant Professor, School Psychology College of Liberal Arts</i>
Susan Hojnacki	<i>Staff Scientist, Chester F Carlson Center for Imaging Science College of Science</i>
Trudy Howles	<i>Associate Professor, Computer Science Golisano College of Computing and Information Science</i>
Brian Landi	<i>Research Scientist, NanoPower Research Laboratory Academic Affairs - Vice President for Research</i>
William Leonard	<i>Assistant Professor, Mechanical Engineering Technology College of Applied Science and Technology</i>
James Myers	<i>Associate Professor &amp; Director, Center for Multidisciplinary Studies College of Applied Science and Technology</i>
Eric Peskin	<i>Assistant Professor, Electrical Engineering Kate Gleason College of Engineering</i>
Shailendhar Saraf	<i>Assistant Professor, Electrical Engineering Kate Gleason College of Engineering</i>
Robert Stevens	<i>Assistant Professor, Mechanical Engineering Kate Gleason College of Engineering</i>

## 2006 PI Millionaires

Principal Investigators whose cumulative funding since 2000 exceeded \$1 million in 2006:

Stefi Baum	<i>Professor &amp; Director, Chester F Carlson Center for Imaging Science College of Science</i>
Paula Brown	<i>Associate Professor (Ret), Communication Studies and Services National Technical Institute for the Deaf</i>
Karl Hirschman	<i>Associate Professor, Microelectronic Engineering Director, Semiconductor &amp; Microsystems Fabrication Laboratory Kate Gleason College of Engineering</i>
John Klofas	<i>Professor, Criminal Justice College of Liberal Arts</i>
James Myers	<i>Associate Professor &amp; Director, Center for Multidisciplinary Studies College of Applied Science and Technology</i>
Carl Salvaggio	<i>Associate Professor, Chester F Carlson Center for Imaging Science College of Science</i>

# 2006 Principal and Co-Principal Investigators

## COLLEGE OF SCIENCE

Jonathan Arney  
David Axon  
Alla Bailey  
William Basener  
Dan Batchelder  
Stefi Baum  
Roy Berns  
Bernard Brooks  
Scott Brown  
Larry Buckley  
Manuela Campanelli  
Christina Collison  
Christopher Collison  
Matthew  
Coppenbarger  
Paul Craig  
Richard Doolittle  
Roger Easton  
Mark Fairchild  
Susan Farnand  
Maureen Ferran  
Donald Figer  
Scott Franklin  
Robert Frisina  
Thomas Gennett  
Richard Hailstone  
James Halavin  
Elizabeth Hane  
Maria Helguera  
Sue Hojnacki  
Joseph Hornak  
Seth Hubbard  
Marvin Illingsworth  
P Andrew Karam  
Joel Kastner  
John Kerekes  
Terry Kessler  
Karl Korfmacher  
Robert Kremens  
Jiangtao Kuang  
Seshavadhani Kumar  
Andreas Langner  
Carlos Lousto  
Donald McKeown  
Douglas Merrill  
David Merritt  
David Messinger  
Massoud Miri  
Ethan Montag  
Darren Narayan  
Dina Newman  
Zoran Ninkov  
Jacob Noel-Storr  
Christopher O'Dea  
Suzanne O'Handley  
Michael Osier  
Jeff Pelz  
Joseph Pow  
Ryne Raffaele  
Navalgund Rao  
Rolando Raqueno  
Harvey Rhody  
Michael Richardson  
Michael Richmond

Andrew Robinson  
Mitchell Rosen  
Carl Salvaggio  
KSV Santhanam  
Michael Savka  
John Schott  
Paul Shipman  
Gary Skuse  
Thomas Smith  
Hyla Sweet  
Gerald Takacs  
Robert Teese  
George Thurston  
Yolande Tra  
A Christina Tyler  
Anthony Vodacek  
Derek Walvoord  
Tamas Wiandt  
Yosef Zlochower

## B THOMAS GOLISANO COLLEGE OF COMPUTING AND INFORMATION SCIENCE

Jessica Bayliss  
Catherine Beaton  
Kevin Bierre  
Hans-Peter Bischof  
Daniel Bogaard  
Zack Butler  
Roxanne Canosa  
Xiaojun Cao  
Jorge Diaz-Herrera  
Christopher Egert  
Roger Gaborski  
Joseph Geigel  
Anne Haake  
J Scott Hawker  
Edith Hemaspaandra  
Tona Henderson  
Newton Howard  
Trudy Howles  
Stephen Jacobs  
Guy Johnson  
Jeffrey Lasky  
Elizabeth Lawley  
Stephanie Ludi  
Sharon Mason  
Yin Pan  
Andrew Phelps  
Stanislaw Radziszowski  
Thomas Reichlmayr  
Leonid Reznik  
Jonathon Schull  
Nirmala Shenoy  
Jeff Sonstein  
Sean Strout  
Ankur Teredesai  
Paul Tymann  
James Vallino  
Timothy Wells  
Keith Whittington  
Steve Zilora

## KATE GLEASON COLLEGE OF ENGINEERING

Mustafa Abushagur  
Lawrence Agbezuge  
Vincent Amuso  
Margaret Anderson  
Margaret Bailey  
Peter Bajorski  
Donald Baker  
Stephen Boedo  
David Borkholder  
Robert Bowman  
Edward Brown  
Andres Carrano  
Juan Carlos Cockburn  
Agamemnon Crassidis  
Roy Czernikowski  
Steven Day  
Elizabeth DeBartolo  
Sohail Dianat  
Marcos Esterman  
Dale Ewbank  
Lynn Fuller  
Surendra Gupta  
Edward Hensel  
Karl Hirschman  
Christopher Hoople  
Amy Hortop  
Fei Hu  
Satish Kandlikar  
Kevin Kochersberger  
Michael Kuhl  
Santosh Kurinec  
Steve LaLonde  
Kathleen Lamkin-  
Kennard  
Zhaolin Lu  
Sergey Lyshevski  
Matthew Marshall  
James Moon  
Jacqueline Mozrall  
P R Mukund  
Ali Ogut  
Robert Parody  
Michael Parthum  
Rob Pearson  
Eric Peskin  
Daniel Phillips  
Alan Raisanen  
Raghuveer Rao  
Pratapa Reddy  
Risa Robinson  
Sean Rommel  
Eli Saber  
Ferat Sahin  
Shailendhar Saraf  
Andreas Savakis  
Ramesh Shah  
Bruce Smith  
Rob Stevens  
Moises Sudit  
James Taylor  
Brian Thorn  
Benjamin Varela  
Jayanti Venkataraman

Panchapakesan  
Venkataraman  
Joseph Voelkel  
Wayne Walter  
John Wellin  
Shanchieh Yang  
Lena Zavyalova

## COLLEGE OF IMAGING ARTS AND SCIENCES

Alex Bitterman  
Daniel Burge  
Frank Cost  
Bill Garno  
Debbi Kingsbury  
Stephanie Maxwell  
Ken Posman  
James Reilly  
Marla Schweppe  
Joan Stone  
Scott Williams  
Edward Zinn

## E PHILIP SAUNDERS COLLEGE OF BUSINESS

Richard DeMartino  
John Ettlie  
Roberta Klein  
Robert Manning  
Sandra Rothenberg

## COLLEGE OF LIBERAL ARTS

Susan Barnes  
Amitrajeet Batabyal  
Nicholas DiFonzo  
Joseph Fornieri  
Suzanne Graney  
Andrew Herbert  
Lisa Hermsen  
M Ann Howard  
William Johnson  
John Kiofas  
Jennifer Lukomski  
Sam McQuade  
Laverne McQuiller  
Williams  
William Middleton  
Andrew Moore  
John Murley  
David Neumann  
Vincent Pandolfi  
Amit Ray  
Murlí Sinha  
Samia Tavares  
Dhanraj Vishwanath  
James Winebrake  
Laurence Winnie  
Hiroko Yamashita  
Jason Younker

## COLLEGE OF APPLIED SCIENCE AND TECHNOLOGY

Abieyuwa Aghayere  
Ronald Amberger  
Scott Anson  
Mario Castro-Cedeno  
Steve Ciccarelli  
Francis Domoy  
Michael Eastman  
Changfeng Ge  
Chance Glenn  
Daniel Goodwin  
Lori Harris  
Rick Lagiewski  
William Leonard  
Carl Lundgren  
Robert Merrill  
John Morelli  
James Myers  
Karen Proctor  
S Manian Ramkumar  
Carol Richardson  
Carol Romanowski  
Joseph Rosenbeck  
Jennifer Schneider  
George Sutherland  
Linda Underhill  
Maureen Valentine  
Kitren VanStrander  
Thomas Voss  
Fritz Yambrach

## NATIONAL TECHNICAL INSTITUTE FOR THE DEAF

Robb Adams  
Gerald Bateman  
Donald Beil  
Gerald Berent  
Patricia Billies  
Laurie Brewer  
Dianne Brooks  
Paula Brown  
John Cox  
James DeCaro  
Lisa Elliot  
Susan Foster  
D Robert Frisina  
Peter Hauser  
Ronald Kelly  
Peter Lalley  
Donna Lange  
Marc Marschark  
Jean-Guy Naud  
Ila Parasnis  
Myra Pelz  
Jeffrey Porter  
Thomas Raco  
Jeffrey Rubin  
Vincent Samar  
Sara Schley  
Nora Shannon  
Michael Stinson

## CENTER FOR INTEGRATED MANUFACTURING STUDIES

Monica Becker  
Vincenzo Buonomo  
Chris Chapman  
Scott Dewey  
Greg Evershed  
David Fisher  
Tracy Freas  
Robert German  
Newton Green  
Andrij Harlan  
Michael Haselkorn  
Brian Hilton  
Kathryn Howard  
Margaret Hunt  
Will Ingle  
Simon Jessop  
Robert Matesic  
Edward McCarthy  
W Oula Nahas  
Nabil Nasr  
Grant Osman  
Michael Thurston  
Joe Wodenscheck

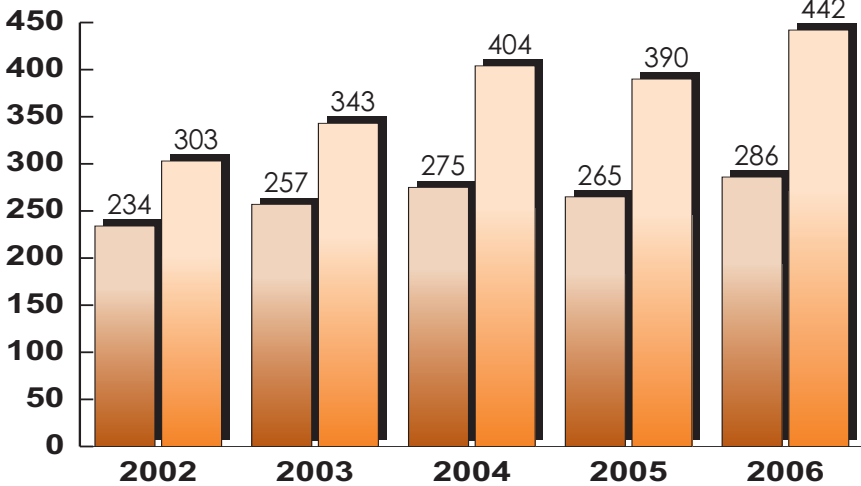
## UNIVERSITY-WIDE UNITS



Kira Barnes  
Margaret Bartlett  
Julie Blowers  
Heath Boice-Pardee  
Nicole Boulais  
Donald Boyd  
Eulas Boyd  
Emanuel Contomanolis  
Susan Donovan  
Michael Dwyer  
Candice Fischbach  
Rhona Genzel  
Marie Giardino  
Milladge Griffin  
Kari Horowicz  
Cassandra Jordan  
Gurcharan Khanna  
Brian Landi  
Julia Lisuzzo  
Stanley McKenzie  
Susan Mee  
Linda Meyer  
Rohan Palma  
Karen Pelc  
Eric Quimbaya-Winship  
Rebecca Simmons  
Robert Smith  
Sheila Smokey  
Dianne Spang  
Deborah Stendardi  
Marcia Trauernicht  
M Phyllis Wade  
Phyllis Walker  
James Watters  
Lynn Wild  
Marjorie Zack  
George Zion

2006 Principal Investigators are faculty or staff who participated as a PI or Co-PI on proposals active or submitted during calendar year 2006.

# 2006 by the Numbers

NUMBER OF PIs AND ACADEMIC PROPOSALS BY CALENDAR YEAR



 Number of PIs and Co-PIs submitting proposals  
 Number of academic proposals

## CALENDAR YEAR 2006

Value of submitted proposals:  
 \$121,135,942  
 Value of awards received:  
 \$39,676,500

## PI Institute and Grant Writers' Boot Camp Presenters

The PI Institute and Grant Writers' Boot Camp are peer mentoring programs coordinated by Sponsored Research Services in collaboration with Teaching and Learning Services, and the Center for Professional Development. Over 400 members of the RIT community have participated in these educational opportunities since 2002.

SRS is grateful to these individuals who have presented at PI Institutes or at the Grant Writers' Boot Camp during the past year:



Abieyuwa Aghayero  
 Susan Barnes  
 William Basener  
 Alex Bitterman  
 David Borkholder  
 Nicole Boulais  
 Donald Boyd  
 Matt Cao  
 Andres Carrano  
 Christopher Collison  
 Steven Day  
 Elizabeth DeBartolo

Michael Dwyer  
 Suzanne Graney  
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 Ronald Kelly  
 Santosh Kurinec  
 Donna Lange  
 William Leonard  
 Marc Marschark

James Myers  
 Darren Narayan  
 Suzanne O'Handley  
 Myra Pelz  
 S Manian Ramkumar  
 Thomas Reichlmayr  
 Sara Schley  
 Nirmala Shenoy  
 Linda Underhill  
 Keith Whittington  
 Lynn Wild  
 Laurence Winnie