Celebrating
10 Years of Excellence
April 5-6, 2001

Georgia Tech
College of Computing
Welcome...

We are delighted to have you join us in celebrating the 10th anniversary of the College. More than a celebration of the past 10 years, we are looking to the future with anticipation. We are honored to present an outstanding agenda and I thank all of our speakers and presenters for making this an especially meaningful event.

To all who have contributed to who we are and who we will be, thank you! It is an honor and pleasure to serve as Dean of the College of Computing. Happy Anniversary.

Peter A. Freeman
John P. Imlay, Jr. Dean of Computing
Thursday, April 5, 2001

11:00 am - 12:00 pm
10th Annual Awards Ceremony
Sponsored by Ford Motor Company
Room 16 College of Computing Bldg.

12:00 pm - 1:30 pm
Luncheon
College of Computing Building (Tent)

1:30 pm - 4:00 pm
Research Highlights
Room 102 Petit Building (MiRC)

4:30 pm - 5:30 pm
Thomas E. Noonan Distinguished Lecture on Information Security

Guest Speaker: Janet Reno
Former U.S. Attorney General

Tennenbaum Auditorium
Dupree College of Management
755 Ferst Drive
Reception at 4:00 pm

Celebrating 10 Years of Excellence
Friday, April 6, 2001

8:45 am - 9:00 am
Welcome
Room 16 College of Computing Bldg.

9:00 am - 12:00 pm
Convocation
"Computing - The Next 10 Years"
Room 16 College of Computing Bldg.

Raj Reddy
Herbert A. Simon University Professor
Carnegie Mellon University
Respondent: Richard Lipton
Professor and
Frederick G. Storey Chair in Computing

William Malik
Vice President and Research Director
The Gartner Group
Respondent: Amy Bruckman
Associate Professor

Craig Mundie
Senior Vice President, Consumer Strategy
Microsoft Corporation
Respondent: James Foley
Associate Dean, Professor, and
Stephen Fleming Chair in
Telecommunications

12:00 pm - 2:00 pm
Lunch and Grand Finale Celebration
College of Computing Building (Tent)

Celebrating 10 Years of Excellence
UNDERGRADUATE AWARDS

Outstanding Rising Junior (Procter & Gamble)
DAVID ZUROW

Outstanding Rising Senior (EDS)
RYAN DAWE

Outstanding Undergraduate Scholarship (Schlumberger)
NAMRATA BACHWANI
GEORGE PERANTATOS

Outstanding Undergraduate Research
MATTHEW WOLENETZ

Outstanding Undergraduate Teaching Assistant
DAN LERNER

Nortel Networks Scholarship
MICHELLE BURNETT
DANIEL PARKS
WARREN STRAMIELLO
MICHAEL TIFFANY

The Dave and Carrie Armento Scholarship
BELINDA NAMBOOZE

Established by David D. Armento to be awarded to an African-American computer science major who is a resident of the State of Georgia.
GRADUATE AWARDS

Outstanding Graduate Teaching Assistants
GABRIEL BROSTOW
ION MANDOIU

Outstanding Graduate Research Assistants
JEN MANKOFF
WILLIAM MURDOCK

Outstanding Ph.D. Dissertations
ANIND DEY
KAMAL JAIN

GTE Fellowship
NISHEETH VISHNOI

Donald V. Jackson Fellowship
SRIVIDHYA SRINIVASAN

Established by Jeannie Jackson in memory of her husband, Don Jackson, a 1971 master’s graduate of IS and a 1965 bachelors graduate of the math department. Don had an extremely successful career in the computing industry, which included serving as CIO of Computer Products. The Donald V. Jackson Fellowship will support the master’s program and be awarded to a well-rounded student who best embodies Don’s values.

Marshall D. Williamson Fellowship
MICHAEL KAESS

Established by Billie I. Williamson in memory of her husband, Marshall Williamson, a 1969 master’s graduate of information sciences. Marshall had an extremely successful career, serving most recently as the general manager of the Garland Division of E-Systems. The Marshall D. Williamson Fellowship will support the master’s program and be awarded to a well-rounded student who best embodies Marshall’s values.
10th Annual Awards Ceremony

STAFF AWARDS

 Outstanding Service Award
     DAN FORSYTH

 Outstanding Support Staff
     CHRISSY HENDRICKS

FACULTY AWARDS

 Outstanding Instructor
     DAVID SMITH

 Outstanding Junior Faculty Research
     GREG TURK
     BETH MYNATT

 Outstanding Senior Faculty Research
     RON ARKIN

 The William A. “Gus” Baird Faculty Teaching
     MARK GUZDIAL

This award is given to a faculty member who is recognized by his or her peers for excellence in teaching. It is fitting that “Gus” - “the man who wanted nothing more than to teach” - be remembered each time this award is presented. “Gus” received his master’s degree from Georgia Tech in 1980 and was a favorite College of Computing undergraduate instructor for nearly 15 years.
DISTINGUISHED AWARDS

The Edenfield Faculty Fellowship
Announced at Ceremony

The James C. Edenfield Faculty Fellowship is a $10,000 seed grant designed to foster and encourage collaborative activities among CoC faculty members and to further promote a sense of community within the College. The recipients can be academic as well as research faculty members in CoC who seek to collaborate on new research initiatives in any area. This award is presented annually, thanks to Mr. Edenfield’s generosity. Mr. Edenfield, IE ’57, is an emeritus member of the College’s Advisory Board and a charter member of the Dean’s Circle.

The Raytheon Faculty Fellowship
Announced at Ceremony

The Raytheon Faculty Fellowship is a $10,000 seed grant designed to foster and encourage collaborative activities among CoC faculty members and to further promote a sense of community within the College. The recipients can be academic as well as research faculty members in CoC who seek to collaborate on new research initiatives in any area. Thanks to the ongoing support of the College by Raytheon Company, this award is presented annually.

CORPORATE AWARDS

IBM Research Fellowship
JENNIFER MANKOFF
JASON ELLIS
JIM HUDSON

Intel Fellowship
GABRIEL BROSTOW
DAVIS KING
JENNIFER MANKOFF

AT&T Labs Fellowship
LENITRA CLAY

Schlumberger Foundation Technical Fellowship
GREGORY ABOWD
INSTITUTE HONORS AND RECOGNITION

Ten Years of Service to Georgia Tech
JAMES FOLEY
DAVID LEONARD
JOAN MORTON

SPECIAL AWARDS
THURSDAY, APRIL 5, 2001

1:30 pm  INTRODUCTION  
          Peter Freeman, Dean

1:35 pm  SYSTEMS: PART 1
          Karsten Schwan, Professor

2:05 pm  SYSTEMS: PART 2
          Kishore Ramachandran, Professor

2:35 pm  BREAK

3:00 pm  HUMAN-COMPUTER INTERACTION
          Aaron Bobick, Associate Professor

3:30 pm  GRAPHICS, VISUALIZATION, AND IMAGING
          Jarek Rossignac, Professor

4:00 pm  Wrap-up
The nation's first female attorney general, Janet Reno headed the world's largest justice and law enforcement office (125,000 employees) for nearly eight years. She was responsible for the enforcement of federal laws and for representing the government in court. During her watch, crime was dramatically reduced and heightened professionalism became the order of the day in the law enforcement community.

Known throughout government for integrity, independence and respect for the rules of law and evidence, Ms. Reno has worked ceaselessly to make justice a reality for all Americans. She used the authority of her office to enforce civil rights, environment and health statutes with the same professionally innovative approaches that achieved conventional crime rate reductions throughout her tenure. Her courage, vision and dedication to both duty and principle are legendary - and have made her one of the country's most admired women.

The longest serving attorney general since before the civil war, Ms. Reno recognized the opportunities for both good and evil in the electronic information revolution that marked the phenomenal growth of the 1990's. She increased the government's information technology resources devoted to law enforcement. At the same time, she recognized that the uncharted airwaves of cyberspace could facilitate globalized criminal activity - and that effective electronic security measures are needed to assure the common international economic good.

A native daughter of South Florida, Ms. Reno graduated from Coral Gables High School, Cornell University and Harvard Law School. Prior to her appointment as attorney general, she served for 15 years as the State Attorney for Dade County.

No stranger to public speaking, Ms. Reno (a debating champion in high school) brings her sharp mind, strong voice and keen wit to the keynote podium. Speech topics include "Law Enforcement and Private Sector Partnerships", "Effectively Managing Complex Organizations", "The Legal Profession as Problem Solvers and Peacemakers", and "International Aspects of American Justice."

Janet Reno lives at the family home that her mother built in South Florida and hopes to see more of the country in her red truck. She will continue to be involved with the issues important to her, including dispute resolution, advocacy for children and the elderly, and problem solving in law enforcement.
Dr. Raj Reddy is the Herbert A. Simon University Professor of Computer Science and Robotics in the School of Computer Science at Carnegie Mellon University. From 1960-63, Dr. Reddy worked as an applied science representative for IBM Corp., in Australia. He began his academic career as an assistant professor at Stanford in 1966. He joined the Carnegie Mellon faculty as an associate professor of computer science in 1969. He became a full professor in 1973, a university professor in 1984, and named as the Simon University Professor in 1992. He served as the founding director of the Robotics Institute from 1979 to 1991. He served as the dean of the School of Computer Science from 1991 to 1999.

Dr. Reddy received a BE degree from the Guindy Engineering College (currently named Anna University) of the University of Madras, India in 1958 and a MTech degree from the University of New South Wales, Australia, in 1960. He received a Ph.D. degree in computer science from Stanford University in 1966.

Dr. Reddy’s research interests include the study of human-computer interaction and artificial intelligence. His current research projects include spoken language systems; invisible computing; gigabit networks; universal digital libraries; and distance learning.

His professional honors include: Fellow of the Institute of Electrical and Electronics Engineers, Fellow of the Acoustical Society of America, Fellow of the American Association for Artificial Intelligence, Member of the National Academy of Engineering and Member of the American Academy of Arts and Sciences. He was president of the American Association for Artificial Intelligence from 1987 to 89. He is a recipient of the IBM Research Ralph Gomory Fellow Award in 1991.

Dr. Reddy was awarded the Legion of Honor by President Mitterand of France in 1984. He was awarded the ACM Turing Award in 1994. He is a member and co-chair of the President’s Advisory Committee on Information Technology (PITAC). He has been awarded honorary doctorates (Doctor of Science Honoris Causa) from SV University in India, Universite Henri-Poincare in France, University of New South Wales in Australia, Jawaharlal Nehru Technological University in India, and University of Massachusetts in USA. He serves on the Board of Governors of Peres Institute for Peace in Israel.
Mr. William Malik manages a team of ten technology researchers in middleware, applications integration, and information security at Gartner, Inc., the world's leading information technology research and advisory firm. He is also the leader of the Security, Privacy and Risk Research Community, comprised of about 45 researchers and analysts from across the corporation. He also is the founder and leader of a smaller group focused on extremely long-range trends and discontinuities at the interface between information technology and the five major sources of change. During his ten-year career at Gartner, Mr. Malik has authored over 100 research articles and presentations exploring technical, organizational, architectural and managerial trends in information security, systems management, operating systems and the theory of computing. He is a frequent speaker at Gartner and client conferences world-wide.

Prior to joining Gartner, Mr. Malik worked for IBM in Poughkeepsie and Somers, NY in MVS development, test planning, business planning, and strategic planning. During the early 1980s, he developed and implemented test methodologies that brought about a two-order of magnitude improvement in software product quality.

Before joining IBM, he spent five years at the John Hancock Insurance Company in Boston as an applications developer in the administrative and financial services organization, and as a systems programmer. Mr. Malik attended MIT, where he majored in mathematics, with additional work in psychology and literature. He lives in Connecticut with his wife and two daughters, and fills his spare time swimming, playing the viola, and cooking. A member of the Board of the Episcopal Institute of Theology of the Cathedral of St. John the Divine in New York, Mr. Malik is pursuing ordination as an Episcopal Priest.
As senior vice president of consumer strategy, Mr. Craig Mundie reports to Bill Gates and works with him on developing a comprehensive strategy for Microsoft's offerings to consumers and, in addition, coordinates implementation of the products and services across all Microsoft® product groups. Mundie focuses on refining Microsoft's vision for Web lifestyle products and services. Initial areas of work include home networking and the evolution of Microsoft's intelligent appliances and "smart objects" strategy.

From 1992 until November 1998, Mundie formed and ran the consumer platforms division, which developed Microsoft's non-PC platform and service offerings. This included the development of the Windows® CE operating system, the Handheld PC, Palm-size PC and Auto PC. Mundie also started Microsoft's digital TV efforts and acquired and managed the WebTV Networks Inc. subsidiary.

Mundie also continues to be responsible for representing Microsoft in Washington, D.C., in policy-related activities including security, encryption and telecom regulation. Mundie will also coordinate all standards-related activities for Microsoft in areas related to current and future consumer technologies.

Before joining Microsoft in 1992, Mundie was a co-founder and CEO of Alliant Computer Systems Corp., where he led the development of the CAMPUS Massively Parallel Supercomputer System. Before assuming the role of CEO at Alliant, Mundie served in various roles, including V.P. of research and development and V.P. of marketing.

Before Alliant, Mundie worked at Data General Corp. Hired in 1972 as a software developer, he wrote the first commercial disk operating system for the Data General NOVA. He managed the development of database management software, both proprietary and UNIX operating systems, and compiler software. He also wrote Data General's first data management system, INFOS. Just before leaving Data General, Mundie was director of the advanced development facility in Research Triangle Park, N.C., where he worked on advanced computer systems and related system software. Mundie attended the Georgia Institute of Technology and received a bachelor's degree in electrical engineering and a master's degree in information and computer science.
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Entrepreneur and Corporate Executive

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