Facts at a Glance

What We Do
CoC is a national leader in the creation of real-world computing breakthroughs that drive social and scientific progress. Our unconventional approach to education is pioneering the new era of computing by expanding the horizons of traditional computer science students through interdisciplinary collaboration and a focus on human centered solutions.

Statistics
• One of the first college level computing programs in Research I universities
• Nationally ranked 12th among the top Ph.D. programs by U.S. News & World Report
• One of six academic colleges at Georgia Tech
• The campus leader in number of NSF Faculty Career Awards
• The first to offer an undergraduate study abroad program focusing on computing

Strategic Focus
Cross campus, multidisciplinary collaborations significantly increase opportunities for true innovation in five areas of strategic focus for the College. We are working to create breakthroughs in:
• Digital Health
• Enterprise Computing
• Gaming
• Human Computer Interaction
• Robotics
• Security

Enrollment
As of Fall 2005
• Bachelor’s: 770  • Master’s: 219
• Doctoral: 236    • Special Grads 14

Faculty
As of Fall 2005
• Academic Faculty: 81 (including 10 joint faculty)
• Research Faculty: 30
• Instructional Faculty: 7
• Post Docs: 2

Students
• Average SAT score at Georgia Tech is 1336 (for entering freshmen)
• Average SAT score for CS students is 1356
• Percent of accepted students who have enrolled is 47% as of 2004.

Degree Programs
Bachelor of Science in Computer Science
Bachelor of Science in Computational Media
Minor in Computer Science
Master of Science in Computer Science
Master of Science in Information Security
Master of Science in Bioengineering*
Ph.D. in Computer Science
Ph.D. in Human-Centered Computing
Ph.D. in Algorithms, Combinatorics, and Optimization*
Ph.D. in Bioengineering*
Ph.D. in Bioinformatics*
*Indicates interdisciplinary degree program

Academic Divisions
IIC - Interactive and Intelligent Computing
• Computational media
• Computer vision
• Education technology
• Graphics
• Human computer interaction
• Human centered computing
• Intelligent machines
• Learning sciences
• Machine learning
• Pervasive and Ubiquitous computing
• Robotics
• Usability
• Virtual and Augmented environments
• Wearable computing

CSS - Computing Science and Systems
• Computer architecture
• Databases
• Distributed systems
• Networking
• Security
• Software engineering
• Theory

CSE - Computational Science and Engineering
• Biocomputing
• Data – analysis, mining, processing
• High performance computing
• Modeling
• Numerical methods
• Simulation

CoC Research Centers
CERCS - Center for Experimental Research in Computer Systems - Provides the infrastructure to support experimental efforts in the design of future generations of computing systems.
GTISC - Georgia Tech Information Security Center Conducts interdisciplinary research and development focusing on all aspects of information security, including systems-level vulnerability assessment, theory development, and public and organizational security policies.
GVU - Graphics, Visualization, & Usability Center Focuses on effectively communicating information between humans and computers by implementing the principles and methods of graphics, visualization, user interface design and usability.
MSREC - Modeling & Simulation Research & Education Center - Creates and manages education, research, and development programs concerned with modeling and simulation technologies and their application to real-world problems and systems.

Opportunities for Involvement
• Alumni Events
• Career Fair
• Centers and Research Areas
• Endowed Fellowships/Scholarships
• Faculty Chairs
• Gifts-in-kind
• Industrial Partners Association (IPA)
• Space Naming
• Special Events
• Sponsored Research

For more information call (404)894-8383 or write development@cc.gatech.edu
People at a Glance 2006

Administration

Richard DeMillo
Inlay Dean, Distinguished Professor
Dawn Williamson
Special Assistant to the Dean
Merrick Furst
Associate Dean, Faculty Development, Distinguished Professor
Richard Lipton
Associate Dean of Research
Ellen Zegura
Associate Dean of Special Programs
Maureen Biggers
Assistant Dean, Diversity & Special Programs
Tom Pilsch
Assistant Dean of Students
Carla Bennett
Director of Business Operations
Randy Carpenter
(Acting) Director of Computing and Networking Services
Mary Alice Isele
Director of Development
Leo Mark
Director, Graduate, Professional & International Programs
Pamela Ruffin
Director of Human Resources and Administration
Stefany Wilson
Director of Communications

Academic Faculty

Gregory Abowd
Mustaque Ahamad
Amir Amihood
Mostafa Ammar
Alberto Apostolico
Ronald Arkin
Christopher Atkeson
David Bader
Tucker Balch
John Baras
Saugata Basu
Michael Best
Dorrit Billman
Doug Blough
Aaron Bobick
Alina Grodzinska Boldyreff
Jay Bolter
Mark Borodovsky
Amy S. Bruckman
Pam Buffetton
Charles Randy Carpenter
Karen Carpenter
Richard Catrambone
Elizabeth Charles
Henrik Christensen
Russell Clark
Brian Cooper
Terrell Countryman
Stephen Cross
Frank Dellaert
Richard A. DeMillo
Victoria Deneroff
Yan Zong Ding
Ellen Do
Constantinos Dovrolis
Chuck Eastman
Keith Edwards

Greg Eisenhauer
Agapi Emmanouilidou
Barbara Ericson
Irfan Essa
Norberto Ezquerra
Nick Feamster
Steve Ferenci
Ron Ferguson
James Foley
Richard Fujimoto
Merrick Furst
Ada Gavrilovska
Ashok Goel
Seymour Goodman
Alexander Gray
Rebecca E. Grinter
Concettina Guerra
Mary Guzdial
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Phillip Hutto
Charles Isbell
Julie Jacko
Ramesh Jain
Xiangmin Jiao
Subhash Khot
Hyunsoo Kim
Janet Kolodner
Juliana Lancaster
William Leahy
Hsien-Hsin Sean Lee
Wenke Lee
David Leonard
Patrick Lesher
Sung Kyu Lim
Richard Lipton
Ling Liu
Gabriel Loh
Brian Lynch
Blair MacIntyre
Pete Manolios
Leo Mark
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Kenneth Mackenzie
W. Michael McCracken
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Ralph Merkle
Milena Mihail
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Beth Mynatt
Hari Narayanan
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Nancy Nerissen
Wendy Newsletter
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Michael Niemier
Ed Omiecinski
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Krisha Palem
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Jeff Pierce
Colin Potts
M. David Prince
Milos Prvulovic
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Kishore Ramachandran
Dana Randall
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George Riley
Jarek Rossignac
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Howard Schmidt
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Yannis Smaragdakis
David Smith
Thad Starner
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Mani M. Subramanian
Yanlong Sun
Monica Sweat
Edyta Szymanska
Andrzej Szymczak
Prasad Tetali
Craig Tovey
Greg Turk
Vijay V. Vazirani
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Jeff Vetter
Bruce Walker
Daniel Walker
Robert Waters
Gill Weinberg
Pete Wellborn
Linda M. Wills
Brian A. Wilson
Matthew Wolf
Jun Xu
Sudha Yalamanchili
Ellen Zegura

Division Chairs

Aaron Bobick
Interactive & Intelligent Computing (IIC)
Richard Fujimoto
Computational Science & Engineering (CSE)
Ellen Zegura
Computing Science & Systems (CSS)

Research Center Directors

Mustaque Ahamad
GTISC - Georgia Tech Information Security Center
Elizbhett Mynatt
GVU - Graphics, Visualization, & Usability
Karsten Schwan
CERCS - Center for Experimental Research in Computer Systems

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