



Issue 19 | December 2007 [View in a Web browser](#)

Picture(s) of the Month

Supercomputing 2007

The new Georgia Tech trade show booth debuted at Supercomputing 2007 last month, November 12-15 in Reno , Nevada . The College of Computing Office of Communications developed the strategy for the show presence and designed the booth, which earned an invitation to serve on the SC08 Communications Committee. View pictures of the show and booth on the [CoC Flickr! site](#)



Event Spotlight

December 2
GT CC Ambassador Meeting
 CCB 104b
[vCal](#) [iCal](#)

December 3
Freshmen Ice Cream Social
 CCB Commons
[vCal](#) [iCal](#)

December 5
SAB Pizza at TEN Study Event
 CCB Commons
[vCal](#) [iCal](#)

December 6
College of Computing Holiday Celebration
 Georgian Terrace
[vCal](#) [iCal](#)

December 7
Dead Week Snacks at Noon
 CCB Commons
[vCal](#) [iCal](#)

December 10-14
Final Exams Week
 CCB Commons
[vCal](#) [iCal](#)

December 14
Graduate Commencement
 Alexander Memorial Colliseum

December 15
Undergraduate Commencement
 Alexander Memorial Colliseum

December 24-48
Winter Break - GT Closed
 CCB Commons
[vCal](#) [iCal](#)

Research News

YTD New Awards
\$5,838,837

Proposed Contracts for October 2007

| Total | \$ Amnt | IC | CS | CSE |
|-------|-------------|-----|-----|-----|
| 3 | \$2,190,328 | 86% | 13% | 1% |

Newly Awarded Contracts for October 2007

| Sponsor | Value | PI | Co-PIs | Title |
|----------------------------|-----------|----------------------|--------------------|---|
| Equifax | \$30,000 | Mustaque Ahamad | None | Collaborative Research: Combining User-Centric and Centralized Paradigms |
| NASA | \$30,000 | David Bader | None | GSRP/Madduri: Performance Analysis and Optimization of the NASA Scientific |
| Oak Ridge Natl Lab | \$180,000 | Angus McLean | Peter Brecke, INTA | Actionable Capability for Social and Economic Systems |
| NSF | \$251,828 | Haesun Park | None | MSPA-MCS: Collaborative Research: Fast Nonnegative Matrix Factorization ... |
| University of Pennsylvania | \$91,284 | Wenke Lee | None | Foundational and Systems Support for Quantitative Trust Management |
| NSF | \$12,000 | Constantine Dovrolis | None | Student Travel Support or ACM Hotnets-VI Workshop |

Closed Contracts for October 2007

| Sponsor | Value | PI | Co-PIs | Title |
|------------------|-------------|----------|--------|--|
| Korea University | \$1,500,000 | Leo Mark | None | Dual Degree Program for Masters degree in Computer Science |

| | | | | |
|----------------------------|-----------|-----------------|-----------|--|
| Cure Autism Now Foundation | \$40,498 | Gregory Abowd | None | Technology Support for Early Detection of Autism |
| Air Force | \$387,067 | Alessandro Orso | Wenke Lee | Preventing SQL Code Injection by Combining Statis and Runtime Analysis |



21%

Increase in CoC apps for fall 2008. More than any other unit



This month various groups at CoC are pursuing partnerships with the following companies:
ARCS Foundation, Inc.
Emory University School of Medicine
Hewlett Packard Company
IBM Corporation
LogicBlox
Netronome Systems, Inc.
Northrop Grumman Southern Company Services, Inc.
SPI Dynamics Inc.
TCS America
Travelport, Inc.
Yahoo

GVU 15 Anniversary Celebration and Symposium

On October 25th, the GVU Center celebrated Fifteen years of impact. GVU alumni and current faculty and students gathered for a full day symposium and celebration. This special day in GVU history began with keynotes from world renowned speakers Dr Andy van Dam, from Brown University, and anthropologist Genevieve Bell, director of Intel's User Experience group. Later at the GVU 15 Awards Ceremony, fifteen recipients were awarded for their contributions catalyzing GVU's ability to impact the world.

[View event website, webcast and list of award recipients](#)

GVU Moves Augmented Reality Experience Out of the Lab

Researchers from the GVU Center have installed AR Façade at the Grand Text Auto exhibition at the Beall Center for Art and Technology in Irvine, CA. The AR Façade installation presents an augmented reality version of desktop-based game Façade. The exhibit marks the first time that the elaborate "augmented reality" interactive drama has been seen outside the GVU lab.

[Visit Augmented Reality website](#)

People@CoC

CoC Graduate Student Council (GSC) Announces its 2007-2008 Executive Committee

The College of Computing Graduate Student Council has announced the 2007-2008 Executive Committee. The Graduate Student Council is comprised of graduate students interested in bettering the College of Computing. Its mission consists of specific goals like representing the rights and interests of CoC graduate students at the College and Institute level, improving the Ph.D. and M.S. programs in the College of Computing for present and future students and fostering a sense of pride and community among the students, faculty and staff of the CoC.

The new executive committee roles are:

- College Liaison: **Dave Roberts**
- GSC Webpages: **Mukil Kesavan**
- CS Liaison: **Bryan Payne**
- IC Liaison: **Marshini Chetty**
- CSE Liaison: **Kamesh Madduri**

[View CoC GSC's Website](#)

David Bader Releases First Book on Petascale Computing at SC07

The College of Computing and Chapman & Hall/CRC Press announced the launch of "Petascale Computing: Algorithms and Applications", the first published collection on petascale techniques for computational science and engineering, at the SC07 conference in Reno , NV last month. Edited by David A. Bader, this collection represents an academic milestone in the high-performance computing industry and is the first work to be released through Chapman & Hall/CRC Press' new Computational Science series.

[Read Press release](#)

Personnel Announcements

Renata Le Dantec has been hired permanently as a Communications Officer I in GVU effective 11/12/07. Her email address is renata@cc, phone number is 5-2393 and is located in TSRB 214.

Anthony McCoy has been hired permanently as a Facilities Coordinator in Facilities effective 11/5/07. His email address is amccoy@cc, phone number is 5-3164 and is located in KACB 1219.

Don Schoner has been reclassified to an Administrative Coordinator.

John David Sturgill's last day at CoC was 11/21/07.

Tresonica Russell's last day at CoC was 11/21/07.

Marcus Banks will be joining CoC as a Tech Temp in TSO effective 11/21/07. His email address is mbanks@cc and will be located in KACB.

General News

Communications Office Wins 5 MarCom Awards

The College of Computing Office of Communications received five MarCom Creative Awards for branding, publicity, website design and speechwriting work completed in 2006 and 2007. The Office of Communications was awarded two Platinum Awards (best in show) for the overall "New Face of Computing" brand campaign and the "New Face of Computing" publicity campaign; two Gold Awards for the College of Computing Home Page Design and Overall Website; and one Honorable Mention in Speech writing for the Inaugural State of the College Address. The MarCom Creative Awards is an international competition administered and judged by the Association of Marketing and Communication Professionals. Over 5,000 entries were received in this year's MarCom Awards, which has grown to be the largest competition of its kind in the world. CoC Communications has won six industry awards overall in 2007.

Foley Scholars Endowment Fund Reaches Over Quarter of a Million

The Foley Scholars Endowment Fund has garnered over a quarter of a million dollars from colleagues, former students and friends around the country. GVV Center Director Beth Mynatt announced the establishment of this fund during GVV's 15th Anniversary Celebration in October 2007. Named for Dr. James D. Foley, professor and founder of the GVV Center, the endowment will support annual fellowships to exceptional students involved in research at the GVV Center.

[Visit Foley Scholars Endowment webpage](#)

Supercomputing 2007 – New Book, New Booth, New Beginning for Georgia Tech at the Industry's Largest Conference

Georgia Tech's activities at the Supercomputing 2007 (SC07) conference in Reno, NV last month signaled a major step forward for the Institute as it continues to secure its position as a leader in high performance computing. Besides the launch of David Bader's [book](#) on petascale techniques for CSE, the Office of Communications had developed the SC07 trade show strategy for Georgia Tech, and designed a new 20x20 trade show booth which included a looping presentation on Georgia Tech's prominence in HPC research, education, and leadership. Attendee reaction to Georgia Tech's updated image was indicative of the importance of presenting the Institute as the powerhouse program that it is at external conferences and shows such as this. Currently, Communications is working out a rental policy for the modular, customizable booth. View pictures of the show and booth on the [CoC Flickr! site](#).

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