CACP’s mission is to provide critical research, analysis and recommendations on advanced communications and technology policy issues, thereby increasing Georgia’s contribution to the state, regional, national and global dialog on advanced communications policy. Our research foci is applied policy studies, advanced communications and technology research, emergency communications, vulnerable populations including people with disabilities, e-government and social change, and technology shifts. We are sought out as policy advisors at the international, national, State and local levels.

Within this document CACP has encapsulated highlights of the past year’s efforts from our researchers and technical staff. It is divided into five areas: Instruction (pg. 2); Research and Creative Scholarship (pg. 3); Presentations, Academic & Community Activities (pg. 6); Sponsored Funding (pg. 16); Memberships, Board Memberships & National Recognition (pg. 17).

This year there were more than 31 publishing activities; 34 external presentations; active participation in 5 academic committees; 13 student assistantships or advisory roles by faculty of CACP; and over 6000 website hits. Sponsored research was funded at $1,399,475.00. Meetings with external/internal organization and or their representatives exceeded 680.
INSTRUCTION

Helena Mitchell, Ph.D.:
Advising:
Thesis Chair
Independent Study Instructor
Thesis Project
DeeDee Bennett, Masters Student
DeeDee Bennett, Masters Student
Brian Holcombe, Masters Student

Paul M. A. Baker, Ph.D.:
Advising:
Graduate Research Advisor
Independent Study Instructor
Nathan Moon, Ph.D. Candidate
William Keck, Undergraduate Student
James Flowers, GSU Ph.D. Candidate
Jessica Pater, Masters Student
Neil Russell, Masters Student

Professor, (courtesy appointment), College of Health and Public Affairs, University of Central Florida
Adjunct Faculty, Graphics, Visualization and Usability Center, College of Computing, Georgia Tech
Graduate Faculty Scholar, College of Graduate Studies, University of Central Florida

James White, Ph.D.:
Course(s):
Undergraduate Level -
Spring '09 Political Science 1101 Government of the United States of America
Fall '09 Political Science 1101 Government of the United States of America

Advising:
Independent Study Instructor
Graduate Research Advisor
Carola Conces, Undergraduate Student
Ben Bellamy, Masters Student
Emily Ivey, Masters Student

Nathan W. Moon, Ph.D.:
Advising:
Graduate Research Advisor
Aaron Bozzorg, Masters Student
Katie McNulty, Masters Student
Emily Ivey, Masters Student (Summer)
Laura Waters, UGA Masters Student
RESEARCH AND CREATIVE SCHOLARSHIP

Journal Articles and Conference Proceedings (refereed) (13)


Books and Book Chapters (3)


Published papers-refereed and Reports, Reviews, Trade publications, Commentaries – non refereed (11)


Filings on Rule Makings to the Federal Communications Commission, Washington, D.C. (3)


ACADEMIC COMMITTEES AND PRESENTATIONS

Institute Committees (5)

Helena Mitchell (4)

Education and Outreach Committee, Georgia Tech/Emory Center for Engineering of Living Tissues, 2000-present – (1) Annual meeting

Advisory Council, Georgia Tech Center for International Business Education and Research, 2000-present (1) Annual meeting.

Faculty Senate – Academic Services Committee, 2008 – Present (10 meetings). Elected position.

Faculty member Access Technology group, GT Broadband Institute, 2008-present.

Nathan Moon (1)

Member, Ivan Allen College Dean’s Search Committee, September 2009 – January 2010.
Presentations

Conference and Poster Presentations (33)


Paul M.A. Baker and James White, “Results from a DBTAC Study on Municipal Policy Compliance with the ADA and the Effects on Civil Participation by Citizens"


Nathan W. Moon, “Policy Delphi Study on Workplace Accommodations and SciTrain University”. Poster presentation at the Healthy Environments and Active Lifestyles open house event, Georgia Tech, April 27, 2010.

Salimah LaForce and John Morris “Wireless Emergency Communications”. Poster presentation and demonstration at the Healthy Environments and Active Lifestyles open house event, Georgia Tech, April 27th, 2010.

Salimah LaForce and Ben Lippincott, “Wireless Emergency Communications”. Poster presentation and demonstration at the Georgia Tech Research and Assistive Technology Fair, April 1, 2010.


**Dissemination Activities** – Items in this section have not been counted in other categories. CACP receives close to 6000 hits on its website annually.

CACP/Wireless RERC convened the Wireless Emergency Communications State of Technology (SoT) Conference, September 21-23, 2009. This free international conference brought together stakeholders, representing 15 countries and 22 states, to advance the wireless emergency communications agenda. More than 250 people registered for the conference. Among the topics covered were technological solutions, user needs, policy and regulatory aspects, social networks, emergency management, and deployment strategies to ensure that people with disabilities are included in the development of next generation emergency communications.

Speakers at the conference included representatives from the Federal Communications Commission, FEMA, GEMA, Department of Homeland Security headquarters, CTIA-The Wireless Association, Coalition of Organizations for Accessible Technology (COAT), Gallaudet University, National Emergency Number Association, Cambridge University, Research in Motion, National Council on Disabilities, National Organization on Disability, and the WGBH National Center for Accessible Media. Industry sponsors included AT&T, BlackBerry, CTIA and Microsoft. The FCC was a partner in the SoT and therefore received extensive exposure to how and why emergency communications must be made accessible.

The FCC subsequently invited Dr. Mitchell to testify at a workshop on Broadband and Accessibility on October 20, 2009, and demonstrate an accessible alerting prototype. The SoT conference galvanized CACP’s existing relationship with FCC.
officials and elevated CACP’s profile as a neutral authority on accessible emergency communications.

- Wireless Emergency Communications State of Technology (SoT) Conference website available at http://sot.wirelessrerc.org/

**ICT Roundtable series:** Hosted by CACP and the Internet and Public Policy Project (Dr. Hans Klein, SPP). It is a focal point at Georgia Tech for policy research on information and communications and the technology that facilitates them. The following events occurred in FY’10:

  October 12, 2009, Dr. Hans Klein, School of Public Policy, "US Control of the Internet: Is It Really Over?"

  November 9, 2009, Dr. James White, CACP Outsourcing Local Gov’t. Services: Does It Work?

  November 24, 2009, Dr. Michael Hoffmann, School of Public Policy: "AGORA: Participate - Deliberate"

  January 19, 2010, Prof. Juan Rogers, School of Public Policy: "The role of IT in development: A deeper meaning for convergence?"

  February 9, 2010, Dhanaraj Thakur, "The distributional consequences of Open Source Software: A cross-national comparison"

  April 13, 2010, Prof. Irfan Essa, Ph.D."Computational Journalism"

**Public Policy Luncheon series:** Hosted by CACP and the Federal Communications Bar Association since 1996. It brings together regulators, legislators, telecom experts, attorneys and diverse constituencies to discuss “hot topics” in telecom policy that affect Georgia and the nation. Events held in FY’10:


**Social Media**

Accessible Technology Policy Group (ATPG) established on Linkedin. Group established in 2009, currently has approximately 165 members and over 72 active discussions this year. Group is focused on policy development and exchange of information related to e-accessibility and inclusive design.
Inclusive Digital Media Network (IDMN) on Facebook established March 2010, currently has 45 members. Group is designed to explore online/social media applications in support of e-accessibility.

Wireless Emergency Communications State of Technology Group (2009-2010) (ARCHIVED). Groups developed (Linkedin and facebook) to explore use of social media to support the Wireless RERC State of Technology Conference.

Helena Mitchell


Interview and on-line chat with viewers/website users of Channel 11 (WXIA-TV) from 6:00pm to 8:00pm on “Transition from analog to digital television the national impact beginning June 12”. Interview and chat occurred on June 10, 2009.

Paul M.A. Baker

Red Hat sponsored research on Open Source Software conducted by CACP was reported on widely in 2009.

Press coverage includes (but is not limited to):

- "Where Is Open Source?"
- “France, Spain top global index of open source activity.”
- "Red Hat Publishes Study on Worldwide Open Source Activity and Growth.”
- “Red Hat Publishes Study on Worldwide Open Source Activity and Growth.”
  http://www.linuxtoday.com/it_management/2009042101835OSMR
- "Where In the World Is Open Source Software?" http://ostatic.com/blog/where-in-the-world-is-open-source-software
“Why do Brits love open source?”
http://www.computing.co.uk/computing/analysis/2240969/brits-open-source

“France, Spain top global index of open source activity.”

“Red Hat Maps The Open Sauce World.”
http://www.pronetworks.org/index.php/content/post/red_hat_maps_yhe_open_sauce_world/

“Red Hat Publishes Study on Worldwide Open Source Activity and Growth.”
http://www.consumerelectronicsnet.com/articles/viewarticle.jsp?id=722197

“Red Hat maps open source activity. France is #1.”


“Open Source World Map.”
http://www.linuxpromagazine.com/Online/News/Open-Source-World-Map


... and numerous other bloggers of significant and minor repute.

Additional coverage of the story appeared in Spanish, Dutch, Italian, Belgian, Hungarian, Japanese, and even the Zaire press.

RedHat has publicized the report at this interactive website designed around our research:

http://www.redhat.com/about/where-is-open-source/activity/

Collaborations & Meeting Presentations

Helena Mitchell

“Enabling Technology Open House Event, sponsored by HEALatGT.org, a coalition of the Aware Home Research Initiative, Georgia Broadband Institute, CATEA, Workplace Accommodations RERC, Wireless RERC, Shepherd Center, Design and Technology for Healthy Aging Initiative (DATHA) Happy Healthy Home Class and the Health Systems Institute, April 27, 2010.

Judge, Debut Paper Competition, Broadcast Education Association, Annual Conference, Las Vegas, NV, April 2010.

Working with BlackBerry/Rim for development, testing and implementation of accessible wireless devices. They committed to serve as a sponsor for the Wireless RERC State of Technology conference in 2009.

Work with CTIA-The Wireless Industry has resulted in a panel at their 2009 annual convention in Las Vegas and a commitment to serve as a sponsor for the Wireless RERC State of Technology conference in 2009.

Collaborations with Syracuse University, Emory University, Temple University, University of Pittsburgh and Gallaudet University.

Collaborations with the National Broadband Resource Center which lead to CACP being the home of their research archives.

Collaboration and meetings with the Georgia Department of Labor, Public Broadcasting Atlanta, WGBH National Center for Accessible Media, Atlanta New Century School and Atlanta Public School district office.

Consulted with the Assistant City Manager’s Office, City of Sandy Springs on Emergency Communication issues in Wireless Municipal Networks (2009).

Consulted with Rich Calhoun, Georgia Technology Authority on accessibility issues in wireless telecom, disabilities and Broadband Technology Opportunities Program (BTOP) (2009).

Collaborate with Wheeled RERC, Workplace Accommodations RERC, RERC on Assistive Communications Technology.

192 technical assistance/outreach meetings not reported already. Meetings included discussions on possible collaborations; grant opportunities; public safety issues for people with disabilities; vulnerable populations and wireless technology intersections; and topics regarding national public policy agendas in advanced technologies.

Paul M.A. Baker

Collaborated with National University of Ireland – Galway (joint with GTRI), National Center for Disability Law and Policy.

Collaborated with Limerick University, School of Professional Studies.

Edited book proposal focusing on social justice, connectivity, wireless e-accessibility and barriers (co-edited with Professor Jarice Hanson, U. of Mass-Amherst), accepted for Publication, Peter Lang Publishers.

Research Collaboration with School of Communications, Sapienza University of Rome.
Research Collaboration with Universidad Complutense de Madrid.

Collaborative activity with University of Central Florida continues. Grant submission to NSF for Workshop on RDE (see Sponsored Funding, Submitted).

Reviewer, State and Local Government Review.

Reviewer, International Journal of Public Sector Management (IJPSM).

Reviewer, Information, Communication, and Society.

Reviewer, Electronic Journal of Sociology.


Reviewer, Hawaii International Conference on Systems Sciences (HICSS-38) Conference.


Ongoing consultation with the Assistant City Manager’s Office, City of Decatur on accessibility issues in Wireless Municipal Networks (2009).

Ongoing consultation with Rich Calhoun, Georgia Technology Authority on accessibility issues in Wireless Municipal Networks and Broadband deployment models (2009).

Collaborations with Syracuse University/BBI, Temple University, UMass-Amherst, Virginia Tech, University of Pittsburgh, NC State, Gallaudet University, Central Florida University.

SEDBTAC RERC Technology Transfer, AAC-RERC, Center for Disability Issues and the Health Professions.

Research collaboration w/ the International Center for the Study of Terrorism (ICST), Penn State, “Mimicry, Deception and Violence: A Multidisciplinary Investigation of Social, Psychological and Cultural Dynamics in Terrorist Movements” on role of online social networks in terrorism.

170 technical assistance/outreach meetings not reported already. Meetings included discussions on possible collaborations; grant opportunities; current research projects. Contacts occurred with both external and internal entities.
James White

Spearheaded SIDE Team consisting of The Technical College System of Georgia, Sandersville Technical College, Atlanta Technical College, Georgia Virtual Technical College, Public Broadcasting Atlanta, Georgia Public Broadcasting, Georgia Radio Reading Service, Disability Resource Group, The Shepherd Center, Center for the Visually Impaired, Georgia Department of Labor, All About Developmental Disabilities, Inc.

Collaborations with international universities that included: University of Hong Kong, Chinese University of Hong Kong, Meiji University, Bunkyo University, Keio University, Toyo University, University of Tokyo, American University of Sharjah.

Consulted with the Assistant City Manager’s Office, City of Sandy Springs on Emergency Communication issues in Wireless Municipal Networks (2009).

Ongoing consultations with Rich Calhoun, Georgia Technology Authority on accessibility issues in wireless telecom and Broadband Technology Opportunities Program (BTOP) (2009).

125 technical assistance/outreach meetings not reported already. Meetings included discussions on possible collaborations; grant opportunities; current research projects. Contacts occurred with both external and internal entities.

Nathan Moon

Organizer, History of Psychiatry Discussion Group, Annual Meeting of the American Association for the History of Medicine, 23 April 2009.

50 technical assistance/outreach meetings not reported already. Meetings included items necessary to fulfill research objectives; discussions on possible collaborations and grant opportunities. Contacts occurred with both external and internal entities.

Salimah Major

Collaborated with Support and Information for People With Disabilities Employment (SIDE) Team partners on their participation on the grant. Partners were The Technical College System of Georgia, Sandersville Technical College, Atlanta Technical College, Georgia Virtual Technical College, Public Broadcasting Atlanta, Georgia Public Broadcasting, Georgia Radio Reading Service, Disability Resource Group, The Shepherd Center, Center for the Visually Impaired, Georgia Department of Labor, All About Developmental Disabilities, Inc.
Took American Sign Language (ASL) class in order to gain conversant skill in ASL to better communicate with and exhibit cultural sensitivity to the Deaf population we work so closely with in the execution of our research and development project on wireless emergency communications.

84 technical assistance/outreach meetings not reported already. Meetings included discussions on possible collaborations; grant opportunities; public safety issues for people with disabilities; vulnerable populations and wireless technology intersections; and topics regarding national public policy agendas in advanced technologies.

**SPONSORED FUNDING**

**Active (11)**


Paul M.A. Baker (CACP) (Co-PI) and Ed Price (IMTC) (PI), contract study - Microsoft Corporation, Sec. 255/508 compliance analysis, **$37,000** (completed Feb 2010).

Paul M.A. Baker and James White, Co-PI's on Georgia Tech Immersive Project (GTIM), subcontractors with GTRI., **$8,500**, 5/10 – 7/10.


Paul M.A. Baker, Ph.D. was awarded a GT European Union Center of Excellence (EUEC) grant to study comparative EU/US public sector efforts to develop accessible virtual governments. May, 2009. **$3,500**

Paul M.A. Baker, Ph.D., Project Director, Southeast Disability and Technical Assistance Center, Syracuse University/CATEA. **$29,968**, 2/10 – 10/10.


Nathan Moon, Ph.D., Lead Evaluator and Co-Principal Investigator for SciTrain University, a project sponsored by the U.S. Department of Education (PI: Robert Todd, CATEA).

Nathan Moon, Ph.D., Project Manager and Co-Investigator for a supplemental grant for SciTrain, a project sponsored by the National Science Foundation (PI: Robert Todd, CATEA).

**Expired during the reporting period (1)**


**Submitted (5)**


James White, Ph.D., co-P.I. “The role of communications in disaster management: lessons of the 2008 Wenchuan earthquake from a comparative perspective”. Proposal to Hong Kong Research Council to explore the current status of policy concerning communications in emergency and disaster situations in China, and to conduct relevant comparison with similar policies in the United States, with a specific focus on identifying and investigating the similarities and differences, at both the national and local levels; and also to investigate the similarities and differences in the characteristics of media use and communication needs before, during and after disasters between people with and without disabilities. September 2009. Total budget requested: HK$ 772,165. Declined

MEMBERSHIPS, BOARD MEMBERSHIPS AND NATIONAL RECOGNITION

Helena Mitchell (20)

Chair, Southeast Regional Group, USA Section, BCS-The Chartered Institute for IT. March 2010 - Present


Board of Directors, National Broadband Resource Center, Washington, DC, 2009 - Present.

Faculty Member, Access Technology Group, GT Broadband Institute, 2008 – Present.


Member, Southern Technology Council, Southern Growth Policy Board, 2004-present.


Board of Directors, Public Broadcasting Atlanta (WPBA-TV/WABE-FM), 2004-present.

Board of Directors, Alliance for Public Technology, Washington, DC, 2007 – present. (Elected)


Board of Directors, Georgia Radio Reading Service (GaRRS), 2001 – present.

Advisory Council, Georgia Tech Center for International Business Education and Research, 2000 – present.


Education and Outreach Committee, Georgia Tech/Emory Center for Engineering of Living Tissues, 2000 – present.
Member, BCS-The Chartered Institute for IT, UK. Wireless Specialty Group and Disability Specialty Group, 2004 – present.

Chair, BCS USA Section, BCS-The Chartered Institute for IT, Wireless Specialty Group, 2005-2009.

Advisory Board, Atlanta Technical College, 2003- present.


Member, Broadcast Education Association, Judge, Law & Policy Division, 2009.

**Paul Baker (16)**

Member-at-Large, Executive Committee, NARRTC (formerly National Association of Rehabilitation Research Training Centers), 2010 – present.

Member, Advisory Committee, Boston University Center for Psychiatric Rehabilitation’s Learning Community project, part of the Rehabilitation Research and Training Center on Improved Employment Outcomes for Individuals with Psychiatric Disabilities, 2010.

Member, Program Committee, Politics of Open Source Conference, University of Massachusetts-Amherst, 2009-2010.

Member, Disability and Rehabilitation Research Coalition (DRRC) 2010 – present.

Principal, VGT (The Virtualities Group), 2008 – present.


Ex-Officio Member, Board of Directors, RESNA, Chair, Government Affairs Committee, 2009 – present.
Member, American Political Science Association; Association for Public Policy Analysis and Management (APPAM), 1997 – present.

Member, BCS-The Chartered Institute for IT, 2009 – present.

Member, International Communications Association, 2009 – present.


**James White (2)**


Associate Member, Center for Global Media Studies, Edward R. Murrow School of Communications, Washington State University, 1998 – Present.

**Nathan Moon (2)**

Member, American Association for the History of Medicine, 2004 – Present.

Member, American Evaluation Association, 2010 – Present.

**Jacqueline Herndon (1)**


**Salimah LaForce (1)**

Member and Young Professionals Groups Coordinator, Southeast Regional Group, USA Section, BCS – The Chartered Institute for IT, March 2010 – Present.

**Kenneth Bernard (1)**

Member, Southeast Regional Group, USA Section, BCS-The Chartered Institute for IT, March 2010 – Present.