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 we have encapsulated highlights of the past years’ efforts from our researchers and technical staff. It is divided into five areas: Instruction (pg. 2); Research and Creative Scholarship (pgs. 3-5); Presentations, Academic & Community Activities (pgs. 6-13); Sponsored Funding (pg. 13-14); Memberships, Board Memberships & National Recognition (pgs. 14-16).

This year there were more than 21 publishing activities; 13 external presentations; active participation in 32 academic and industry associations; 6 student assistantships or advisory roles by faculty of CACP; and over 52,000 website hits. Sponsored research was funded at $1,276,865.00; outreach and dissemination reached over 2900 people not including those reached by the four press articles and other external/internal coverage of our projects; meetings with external/internal organization and or their representatives were over 300; and filings before the Federal Communications Commission in 2008 and 2009 resulted in 30 references in official rule makings during the reporting period.
INSTRUCTION

Helena Mitchell, Ph.D.:

Advising:
Thesis Chair         DeeDee Bennett, Masters Student
Independent Study Instructor  DeeDee Bennett, Masters Student

Paul M. A. Baker, Ph.D. and Doug Noonan, Ph.D.:

Lecture(s):
Graduate Level Spring '08       Public Policy 8803       “Critical Issues in Open Source”

Advising:
Graduate Research Advisor         Austin Dickson, Masters Student
Graduate Research Advisor         Nathan Moon, Ph.D. Candidate
Independent Study Instructor      Ankit Kharadi, Masters Student
Independent Study Instructor      Taylor Narewski, Masters Student
Supervisor                        Ian Balmaseda, Undergraduate Research Assistant

Adjunct professor “School of Communications and Theatre (SCT) Temple University, Philadelphia, Pennsylvania

Adjunct Professor, Spring, 2008. By invitation, designed and taught Temple University, School of Communication and Theatre graduate “policy charrette” course, (5 graduate students) applying planning design processes to develop policy alternatives for community issues. Applied research course taught in a hybrid face-to-face and online format focused on the issues impacting municipal wireless network utilization in Philadelphia, and deployment of a public access wireless network in the Free Library of Philadelphia system, including issues of accessibility.

James White, Ph.D.:

Course(s):
Graduate Level - Spring '08       Public Policy 8803       Global Communications

Undergraduate Level - Spring '08       Public Policy 4803       Global Communications
RESEARCH AND CREATIVE SCHOLARSHIP

Journal Articles (refereed) (8)


Helena Mitchell, “Universal Access to Next Generation Emergency Alerting: Reaching People with Disabilities.” Chapter in proceedings of
Books and Book Chapters (4)


Published papers, non-refereed (reports, reviews, trade publications, commentaries) (8)


Nathan W. Moon, editor, Technology and IT Policy Highlights, Center for Advanced Communications Policy, June 2006-present.


Filings on Rule Makings to the Federal Communications Commission, Washington, D.C. (2)

Helena Mitchell, Laurel Yancey, Frank Lucia, Ed Price, Salimah Major LaForce. Comments filed by the Wireless RERC in response to the Second Further Notice of Proposed Rulemaking regarding Service Rules for the 698-746, 747-762 and 777-792 MHz Bands (WT Docket No. 06-150); Implementing a Nationwide Broadband, Interoperable Public Safety Network in the 700 MHz Band (PS Docket No. 06-229), Federal Communications Commission: Washington, D.C., June 19, 2008. The comments specifically addressed items within both dockets endorsing the deployment of the national interoperable wireless broadband network, and the availability of a full range of applications and services to users of the network for the delivery of emergency information that is accessible to the public, including persons with disabilities.

Helena Mitchell, Laurel Yancey, Frank Lucia, Salimah Major LaForce. Comments filed by the Wireless RERC in response to the Third Further Notice of Proposed Rulemaking regarding Service Rules for the 698-746, 747-762 and 777-792 MHz Bands (WT Docket No. 06-150); Implementing a Nationwide Broadband, Interoperable Public Safety Network in the 700 MHz Band (PS Docket No. 06-229), Federal Communications Commission, Washington, D.C., November 3, 2008. The comments supported FCC proposals for licensing the D Block on the basis of regional geographic areas if this option would foster faster deployment of the shared wireless broadband network to rural areas; and permit faster exchange of
emergency information and notifications between agency officials and more rapid dissemination of Commercial Mobile Alert System (CMAS) and next-generation Emergency Alert System (EAS), especially to currently unserved rural areas populated by persons with disabilities.

PRESENTATIONS, ACADEMIC & COMMUNITY ACTIVITIES

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) (elected)

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

Nathan Moon (1)

Member, Steering and Program Committee, Joint Atlantic Seminar for History of Medicine, October 2004-present.

Presentations (13)

Conference Presentations (12)


Moon, Nathan W. “‘Strange Couchfellows’: Drugs and Psychoanalysis in Postwar American Outpatient Psychiatry.” Presentation at the 2008 Annual
Meeting of the American Association for the History of Medicine, Rochester, New York, April 11, 2008.

**Other Presentations (1)**

Helena Mitchell, Expert witness: As a result of filings before the FCC invited to meet with the FCC Public Safety Homeland Security Bureau chief and senior policy staff to discuss impact of Emergency Alerting System (EAS) and Commercial Mobile Alert System (CMAS) rulemakings on people with disabilities. Encouraged by FCC to file results of our field testing of CMAS to be used as unbiased data for future rulemaking on the topic. June 30, 2008.

**Dissemination Activities (16)**

**Nathan Moon (4)**


Contact with Cookerly Public Relations, Atlanta, Georgia, regarding dissemination of broad telework research (STIP paper & presentation) to national media outlets (contact with Joey Ledford at joey@cookerly.com).

Use of Telework Case Survey paper in Ericsson newsletter (contact with Karin Reves at karin.reves@citat.se).

**Helena Mitchell (9)**

Interview with Channel 11 (WXIA) by Marc Picard on “DTV Transition and the Impact on Consumers”. Aired 7:00pm, February 5, 2009.

Interview with ABC Network news by Gavin Sutton on “DTV Transition”. Soundbites of interview were sent nationwide to affiliate stations for inclusion in news stories on DTV. February 16, 2009.


Collaborations & Meeting Presentations (44)

Helena Mitchell (11)

Wireless Emergency Alert System and Commercial Mobile Alert System Field Tests on accessibility of wireless devices for people with sensory limitations’ (4):

WEC/ GaRRS Field Test, Atlanta, GA, February 1, 2008.

WEC/PBA Field Test, Atlanta, GA, April 4, 2008.

WEC/North Carolina Department of Health and Human Services Division of Services for the Deaf and the Hard of Hearing (NC DSDHH), Raleigh, NC, September 25, 2008.

WEC/PBA field test of CMAS elements (supplemental funding), Atlanta, GA, November 12, 2008.

Invited as a U.S. Delegate to European Ministerial E-Inclusion Conference, November 30, 2008 – December 2, 2008, Vienna, Austria

Presentation on CACP to visiting committee IAC/SPP, April 24, 2008

Development work with David Dzumba and Raouf Bortcosh of Nokia to discuss building research capacities with the Wireless RERC. June 16 – 17, 2008

Working with BlackBerry/Rim for development, testing and implementation of accessible wireless devices. They have also committed to serving 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.

Revival of the Public Policy Luncheon Series co-sponsored with the Atlanta Chapter-Federal Communications Bar Association. Kick-off was
December 5, 2008. A special program on the DTV conversion featuring the FCC was held on January 12, 2009.


In effort to sensitize CACP and Wireless RERC staff on limitations of people with visual disabilities, arranged for group outing to attend “Dialog in the Dark” at Atlantic Station October 7, 2008.

Met with the Atlanta New Century School to provide input in an IBM proposal they were developing to create a new media center. Provided introductions to other entities at GT and within city government that might assist their efforts. March 2008.

Collaborations with Syracuse University, Emory University and Temple University.

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

163 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 Baker (17)

Edited book proposal under development focusing on social justice, connectivity, wireless e-accessibility and barriers (co-edited with Professor Jarice Hanson, U. of Mass-Amherst), submitted to Temple University Press.

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, International Journal of Cases on Electronic Commerce

Reviewer, Hawaii International Conference on Systems Sciences (HICSS-38) Conference
Reviewer, International Journal of Electronic Government Research

Editor, Special Policy and Law Issue (2008), Assistive Technology (with Peter Blanck and Kevin Caves)

Represented Wireless RERC and CACP at FCC listening meeting at GPB on September 29 on DTV transition, standing in for Helena Mitchell, Chatted briefly with Commissioner Deborah Taylor Tate about outreach efforts and people with disabilities

Ongoing consultation with the Assistant City Manager’s Office, City of Decatur on accessibility issues in Wireless Municipal Networks (2008).

Ongoing consultation with Rich Calhoun, Georgia Technology Authority on accessibility issues in Wireless Municipal Networks and Broadband deployment models (2008).

Collaborative activity with University of Central Florida continues, seeking new grant opportunities for use of wireless networks in public libraries to increase participation of people with disabilities submitted, ongoing phone conference to establish new initiatives.

Collaborations with Syracuse University/BBI, Temple University, University of Pittsburg, NC State, Gallaudet University, Central Florida University;

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

Invited participation to half-day conference by the UN charted G3ICT (Global Initiative for Inclusive Information and Communication Technologies) “Georgia: A Global Hub for Digital Accessibility Innovation,” Atlanta, October 1st, 2008.

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.

Nathan Moon (5)
Planning for Sixth Annual Joint Atlantic Seminar for History of Medicine Conference, Yale University, September 2008.


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 (6)

Met with Cynthia Doss, Georgia Department of Human Resources, Division of Mental Health, Developmental Disabilities and Addictive Diseases, regarding potential areas of research collaboration.

In collaboration with Public Broadcasting Atlanta and the North Carolina Department of Health and Human Services, Division of Services for the Deaf and the Hard of Hearing, coordinated two field tests of a working prototype system for transmitting wireless emergency alerts that are accessible to people with sensory disabilities.

Coordinated a field test that examined provisions of the Federal Communication Commission’s forthcoming Commercial Mobile Alert System (CMAS) that affect accessibility by people with sensory disabilities.

Attended a conference and event planning workshop at the College of Management.

Attended the Humanitarian Logistics Conference hosted by The H. Milton Stewart School of Industrial & Systems Engineering at Georgia Tech. Comments made at a roundtable discussion will be included in the conference proceedings.

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.

**Ken Bernard** (1)

Attended Georgia Technology Conference representing IT interests of CACP on October 11-12, 2008

**SPONSORED FUNDING** (14)

**Active** (6)


Paul M.A. Baker, Ph.D., Project Director, Southeast Disability and Technical Assistance Center, Syracuse University/CATEA. **$29,522**, 2/09 – 12/09.


Nathan Moon, GIT President’s Fellowship awardee, **$3,666** per year.

**Expired during the reporting period** (2)


Paul M.A. Baker, Ph.D., Ivan Allen College “Incentives for Seeking Extramural Research Funding,” awarded March 2008, **$5,250**.

**Submitted** (7)
James White, Ph.D., P.I. February, 2009: Partnership for the Program for New Models in Digital Media. Proposal in response to the Request for Statements of Interest (SOI) from the Bureau of Democracy, Human Rights, and Labor for projects that support program areas in China under the “Governing Justly and Democratically” Foreign Assistance program. Submitted by the Center for Advanced Communications Policy (CACP) in collaboration with the Journalism and Media Studies Center at the University of Hong Kong and the Cheung Kong School of Journalism & Communication at Shantou University. $387,779.00

James White, Ph.D., Helena Mitchell, Ph.D., co-P.I. October, 2008: Public Broadcasting Atlanta: “The Metrocast Atlanta Emergency Networking Platform”. Proposal to enhance the PBA LENS project into a coordinated communications platform, with the Metrocast Atlanta emergency information network as a core element, of Public Square Atlanta. $185,000.00.

Helena Mitchell, Ph.D., James White, Ph.D. co-PIs October 2008 National Public Radio submission, PBA/NPR – Emergency Information Network proposal. To create an all-hazards preparedness, response and relief network (hereafter referred to as the Emergency Information Network) by Public Broadcasting Atlanta (PBA) for use by students who are visually and mobility impaired in the Atlanta Public School system (APS) and the adult visually impaired community of Greater Atlanta. $169,250.

James White, Ph.D., P.I. September, 2008: AUS Center Proposal. AUS intending to set up an international research center, with Georgia Tech/CACP setting up a subcenter intended to focus and coordinate the research, and act as a liaison office for the AUS center. $313,676.00

James White, Ph.D., Helena Mitchell, Ph.D. September 2008. Emergency Management Communications Tools and Technologies proposal to AETC/Corporation for Public Broadcasting. To develop a seamless system for communicating emergency management messages to local and targeted mobile devices for all users, and especially, people with disabilities. $191,500.

James White, Ph.D., P.I. September, 2008: Proctor and Gamble Seminar. To develop a special international interactive seminar on the topic of global communications for undergraduate students at Georgia Tech (through the School of Public Policy) and undergraduate students of the AUS Mass Communications Department. $10,000.00

MEMBERSHIPS, BOARD MEMBERSHIPS AND NATIONAL RECOGNITION (32)

Helena Mitchell (15)


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


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


Member, BCS Wireless Specialist Group, U.S. Chair, Advisory Board, Atlanta Technical College, 2003- present.


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

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

Technology Advisory Council, Georgia Municipal Authority, 2000 – present.

Education and Outreach Committee, Georgia Tech/Emory Center for
Engineering of Living Tissues, 2000 – present.

Member, International Communications Association, 2007 – present.

Member, Broadcast Education Association.

Paul Baker (12)

Member, Editorial Board, Assistive Technology Journal.

Member, International Journal of Cases on Electronic Commerce (IJCEC)

Member, Journal of Information Technology & Politics

Member, The Journal of eWorking

Member, The Journal of Disability Policy Studies

Member, American Political Science Association; Association for Public Policy Analysis and Management (APPAM)

Member, American Planning Association

Member, American Sociological Society

Member, American Institute of Certified Planners

Member, International Communications Association

Member, Rehabilitation Engineering Society of North America (RESNA): Government Affairs Committee.

Faculty Advisor, Georgia Institute of Technology Equestrian Club

James White (3)

Member, International Studies Association.

Member, International Communication Section, ISA.

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

Nathan Moon (1)

Member, Steering and Program Committee, Joint Atlantic Seminar for History of Medicine, October 2004 - present.
Jacqueline Herndon (1)