



CENTER FOR ADVANCED COMMUNICATIONS POLICY

Highlight of Achievements

January 2011 – December 2011

Submitted by

Helena Mitchell, Ph.D.
Executive Director

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. 2); Presentations, Academic & Community Activities (pg. 3); Sponsored Funding (pg. 8); Memberships, Board Memberships & National Recognition (pg. 9).

This year there were more than 18 publishing activities; 15 external presentations; active participation in 5 academic committees; 6 student assistantships or advisory roles by faculty of CACP; and over 14,000 website hits. Sponsored research was funded at \$1.244M. Meetings with external/internal organization and or their representatives exceeded 300.

INSTRUCTION

Helena Mitchell, Ph.D.:

Advising:

DeeDee Bennett, Dissertation Committee,
Oklahoma State University
Brian Holcombe, Masters Student, Thesis
Advisor
Braeden Benson, Undergraduate Student

Paul M. A. Baker, Ph.D.:

Advising:

Christina McMillian, Masters Student
Marshall Sims, Undergraduate Student

James White, Ph.D.:

Course(s):

Undergraduate

Spring 2011 Public Policy 4514
Spring 2011 Political Science 1101

Digital Communications Policy
Gov't. of the United States of America

Graduate

Spring 2011 Public Policy 6514

Digital Communications Policy

Nathan W. Moon, Ph.D.:

Advising:

Graduate Research Advisor

Shixuan Wu, Masters Student
Christina McMillian, Masters Student

Course:

Summer 2011 HTS 2013

Modern America

RESEARCH AND CREATIVE SCHOLARSHIP

Journal Articles and Conference Proceedings (refereed) (6)

Baker, P.M.A., Sandulli, F.D., Rata, B.M., B.M. and López Sánchez, B.M. (2011), "Information Technology, Complementary HRM Practices and Its Effect On The Productivity Of Micro, Small And Medium Enterprises." *Human Resource Management* (in press).

Ward, A., Moon, N.W. and Baker, P.M.A. (2011) "Functioning, Capability and Freedom: A Framework for Understanding Workplace Disabilities." *Employee Responsibilities and Rights Journal* DOI: 10.1007/s10672-011-9174-2.

Ward, Andrew, Baker, Paul. M.A., and Moon, Nathan. (2011) "Issues in Workplace Accommodations for People with Disabilities." *Philosophy for Business* No. 67, 26th May 2011.

Forman, A.E., Baker, P.M.A., Pater, J. and Smith, K. (2011) "Beautiful to me: Identity, disability, and gender in virtual environments." *International Journal of E-Politics*, V.2 (2) 1-17.

Nathan Moon, Paul M.A. Baker, Art Seavey, and Douglas S. Noonan, "Where the Cathedrals and Bazaars Are: An Index of Open Source Software Activity and Potential," *Journal of Information Technology & Politics* 8, no. 3 (2011): 273-303.

Nathan W. Moon, Tristan T. Utschig, Robert L. Todd, and Aaron Bozzorg, "Faculty Efficacy in Creating Productive Learning Environments: Universal Design and the Lens of Students with Disabilities," *International Journal of Process Education* 3, no. 1 (2011)

Books and Book Chapters (1)

Forman, A.E., Baker, P.M.A. Pater, J. and Smith, K. (2011) "Leveling the playing field: Disability and gender representation in Second Life." In Celia Livermore (ed.) *Gender and Social Computing: Interactions, Differences, and Relationships*. Hershey, PA: IGI Global.

Published papers-refereed and Reports, Reviews, Trade publications, Commentaries – non refereed (6)

Mitchell, H. Bennett, D., LaForce, S. (2011). *Planning for Accessible Emergency Communications: Mobile technology and Social Media*. 2nd International Conference, Accessibility Reaching Everywhere, presented at AEGIS, Brussels, Belgium, November 28-30, 2011. (in press)

"Social learning, social media, and the aging," Paul M.A. Baker and Jessica Pater, panel presentation at AOIR12, Oct 10-13, 2011 Seattle.

"The Persistence of Participation: Community, Disability, and Social Networks", Paul M.A. Baker, Nathan W. Moon, John Bricout, Barry Coughlan, and Jessica Pater, presented at the 2011 American Political Science Association Annual Meeting, Seattle Washington, September 1-4, 2011.

"Of ADA Policy, Implementation, And Municipal Compliance," James White, and Paul M.A. Baker, presented at RESNA-ICTA FICCDAT 2011, Toronto, Canada, June 5-8, 2011.

"Social Media, Participation and E-Accessibility" Paul M.A. Baker, John Bricout,, Nathan W. Moon, Barry Coughlan, Jessica Pater, presented by Paul M.A. Baker at the NARRTC annual conference, Apr, 27-28th, 2011, Washington, DC.

"The Power of Digital Inclusion: Technology's Impact on Employment and the Opportunities for People with Disabilities" James White. NCD: Washington D.C. 2011.

[Technology & Disability Policy Highlights](#), 5/2007 – 9/2008 and 10/2010 – present. Salimah LaForce, editor for the Wireless RERC's *Technology and Disability Policy Highlights*, a monthly newsletter that reports on national and local public policy events, recent wireless technological advances and political activities, and tracks emerging issues of interest to individuals with disabilities.

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

Mitchell, H., Johnson, J., LaForce, S., Lucia, F., Price, E., Morris, J. (2011). [Ex Parte Comments](#) in the Open proceedings of the Emergency Alert System [04-296] and the Commercial Mobile Alert System [07-287]. Federal Communications Commission: Washington, DC, April 25, 2011.

Mitchell, H., Price, E. Baker, P., LaForce, S. Morris, J. (2011). [Comments](#) filed in the Notice of Proposed Rulemaking In The Matter of Implementation of Sections 716 and 717 of the Communications Act of 1934, as Enacted by the Twenty-First Century Communications and Video Accessibility Act of 2010 [CG Docket No. 10-213] Amendments to the Commission's Rules Implementing Sections 255 and 251(a)(2) of the Communications Act of 1934, as Enacted by the Telecommunications Act of 1996 [WT Docket No. 96-198] In the Matter of Accessible Mobile Phone Options for People who are Blind, Deaf-Blind, or Have Low Vision [CG Docket No. 10-145]. Federal Communications Commission: Washington, DC, April 25, 2011.

Mueller, J., Morris, J., Mitchell, H., Jones, M., Baker, P., Price, E., LaForce, S. Lippincott, B. (2011). [Comments](#) filed with the Department of Justice in response to the Public Notice In the Matter of Nondiscrimination on the Basis of Disability in State and Local Government Services [DoJ-CRT Docket No. 0111] Accessibility of Next Generation 9-1-1 [RIN 1190-AA62]. January 24, 2011.

ACADEMIC COMMITTEES AND PRESENTATIONS

Institute Committees (4)

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 – Chair, Academic Services Committee, 2010 - Present. Elected position.

Faculty Senate – Academic Services Committee, 2008 – 2010. Elected position.

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

Presentations

Conference and Poster Presentations (12)

Mitchell, H. Bennett, D., LaForce, S. (2011). *Planning for Accessible Emergency Communications: Mobile technology and Social Media*. 2nd International Conference, Accessibility Reaching Everywhere (AEGIS), Brussels, Belgium, November 28-30, 2011. (in press)

Helena Mitchell, "Providing Accessible Alerts to People With Disabilities", FEMA Getting Real II, Arlington, VA, September 12-15, 2011.

Nathan W. Moon and Paul M.A. Baker, "Accommodating Workers Ageing into Disability: Findings from a Policy Delphi Study," International Conference on Ageing, Disability, and Independence (ICADI), Newcastle upon Tyne, United Kingdom, September 7-10, 2011.

Nathan W. Moon, Paul M.A. Baker, John C. Bricout, and Jessica Pater, "Telework, Ageing, and the Socially Inclusive Workplace," International Conference on Ageing, Disability, and Independence (ICADI), Newcastle upon Tyne, United Kingdom, September 7-10, 2011.

James White and Paul M.A. Baker, "Of ADA Policy, Implementation, and Municipal Compliance." presented at RESNA-ICTA FICCDAT 2011, Toronto, Canada. June 5-8, 2011.

Helena Mitchell, "Overcoming the Challenges of Emergency Communication for Disabled Residents", National Hurricane Conference, Atlanta, GA, April 20, 2011.

Helena Mitchell, panelist for "Help! Accessibility & Wireless Emergency Communications", CTIA, Orlando, FL, March 22-24, 2011.

Nathan W. Moon (chair), Robert L. Todd, Stephen Rehberg, David Morton, and Tristan T. Utschig, "SciTrain University: Making Science and Engineering Education Accessible for All University Students," Presentation at the California State University, Northridge, Center on Disabilities' 26th Annual International Technology and Persons with Disabilities Conference, San Diego, March 14-19, 2011.

Nathan W. Moon and Maureen Linden, "Workplace Accommodation Use for Individuals with Vision Impairment," Presentation at the California State University, Northridge, Center on Disabilities' 26th Annual International Technology and Persons with Disabilities Conference, San Diego, March 14-19, 2011.

Eric Bridges, Laney Feingold, Eve Hill, Phill Jenkins, Deborah Kaplan, Nathan W. Moon, Karen Peltz-Strauss, Jim Tobias, and Terry Weaver, "Panel on Accessible Technology," Presentation (Respondent) at the California State University, Northridge, Center on Disabilities' 26th Annual International Technology and Persons with Disabilities Conference, San Diego, March 14-19, 2011.

Helena Mitchell and Salimah LaForce, 'Breaking Barriers with Universal Design', presentation at the Consumer Electronics Show, Las Vegas, NV, January 2011.

Helena Mitchell, panelist for "Public Safety in a Wireless World: E-911 and More", CTIA, Orlando, FL, March 22-24, 2011.

Dissemination Activities – Items in this section have not been counted in other categories.

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' 11:

July 29, 2011, "Universal Service – A Fall 2011 Preview". Speakers: Bridget Duff, Principal, Broadband Educational Consultants, David Baker, Managing Director, Saponov & Butler Government Affairs.

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.

Collaborations & Meeting Presentations

Helena Mitchell (14)

USA Section Delegate at the British Computing Society (BCS) Members Group Convention. London, England, April 2011.

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

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.

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

115 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 (14)

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.

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.

76 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 (8)

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.

38 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

35 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

22 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 (7)

Helena Mitchell, Ph.D., Co-PI, RERC on Wireless Technologies, U.S. Dept. of Education/NIDRR, Renewal Grant, **\$4,750,000**, 10/2011 – 9/2016. **\$950,000** for fiscal year 10/11 – 9/12.

Paul M.A. Baker, Ph.D., P.I., Board of Regents of the University System of Georgia, "USG STEM Initiative: Policy and Programmatic Support Project", **\$150,000**, 7/11 – 6/12.

Paul M.A. Baker, Ph.D., P.I., Board of Regents of the University System of Georgia, "Evaluation of USG STEM Initiative", **\$40,000**, 7/11 – 6/12.

Paul M.A. Baker, P.I., Board of Regents of the University System of Georgia, "External Evaluation of USG STEM Initiative", **\$60,000**, 7/11 – 6/12.

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), **\$12,000**. 7/11 – 6/12

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), **\$12,000**, 7/11 – 6/30/12.

Paul M.A. Baker, Project Director, U.S. Department of Education, Workforce Accommodations RERC, **\$20,000**, 10/11 – 9/12.

MEMBERSHIPS, BOARD MEMBERSHIPS AND NATIONAL RECOGNITION

Helena Mitchell (13)

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.

Invited Member, National Emergency Preparedness Coordinating Council, Emergency Governance Workgroup, Washington, DC, 2007 – 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)

Advisory Board, Government Technology Conference SE, 2002 – present.

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.

Advisory Board, Atlanta Technical College, 2003- present.

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

Paul Baker (13)

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

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

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

Editorial Board, *Assistive Technology Journal*, 2006 – present.

Editorial Advisory Board, *International Journal of Cases on Electronic Commerce (IJCEC)*, 2007 – present.

Editorial Board, *Journal of Information Technology & Politics*, 2008 – present.

Editorial Board, *International Journal of Community Informatics*, 2009 – present.

Editorial Board, *International Journal of Work Innovation*, 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.

Member, Rehabilitation Engineering Society of North America (RESNA): Government Affairs Committee, 2009 – present.

James White (2)

Member, International Studies Association, International Communication Section, 2004 – Present.

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)

Member, International Society of Research Administrators, 1998 – Present.

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.