Michael Howell-Moroney, Ph.D.
Professor, Department of Public and Nonprofit Administration
The University of Memphis
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Memphis, TN 38152
michael.hm@memphis.edu

Education

Ph.D., Urban Affairs and Public Policy, University of Delaware, 2002.

M.B.A., Urban Economic Development, Eastern University, 1998.

B.S., Political Science, Northern Arizona University, 1994.

Record of Academic Rank and Employment

Professor of Public Administration. 2015- Present.
Department of Public and Nonprofit Administration
University of Memphis

Associate Professor of Public Administration. 2012-2015.
Department of Public and Nonprofit Administration
University of Memphis

Associate Professor of Public Administration. 2008-2012.
Department of Government
University of Alabama at Birmingham

Assistant Professor of Public Administration. 2003-2008.
Department of Government
University of Alabama at Birmingham

Visiting Assistant Professor of Public Administration. 2002-2003.
Department of Government
University of Alabama at Birmingham

Administrative Experience

Chair, Department of Public and Nonprofit Administration. 2012-2017.
School of Urban Affairs and Public Policy
University of Memphis

Director, Master of Public Administration Program. 2010-2012.
Department of Government
University of Alabama at Birmingham

Director, Urban Affairs Minor Program. 2005-2008.
Department of Government
University of Alabama at Birmingham

Awards and Honors

Winner of President's Award for Excellence in Teaching, School of Social and Behavioral Sciences, University of Alabama at Birmingham. 2008.

Artinian Travel Award. Southern Political Science Association Conference. 2007.

Mark A Haskell Award for doctoral students (University of Delaware). Awarded to students demonstrating consistently superior performance in the field of urban affairs and public policy. 2002.

Gilman Housing Fellowship for doctoral studies (University of Delaware), for outstanding scholar in housing-related issues. 2001-2002.

Grants and Contracts

2016-2017	$10,000	Tulane Apartment Resident Survey. Michael Howell-Moroney (PI). Steven Soifer and Abram Lyons (Co-PIs). Survey and technical report prepared for the City of Memphis.
2013-2017	$105,000	Nonprofit Leadership Collaborative Certificate Program. Michael Howell-Moroney (PI).
2009-2014	$2,809,612	Integrating Computing Across the Curriculum (ICAC): Incorporating Technology into STEM Education Using XO

Laptops (Supplemental support award). Shelia Cotton (PI), Michael Howell-Moroney, David L. Radford, J. Michael Wyss, Jeffrey G. Gray (Co-PIs). National Science Foundation.

2011-2012 $4,250   The Economic Security of Women in the Birmingham Metropolitan Area: Challenges and Prospects for a More Secure Future. Technical report prepared for The Women's Fund of Greater Birmingham. Michael Howell-Moroney (PI).

2010-2011 $12,616   Assessing the Social and Attitudinal Impacts of the Deepwater Horizon Spill in Coastal Alabama. Michael Howell-Moroney and Kent Kerley (Co-PIs). University of Alabama at Birmingham Gulf Oil Spill Pilot Grant.

2009-2010 $4,478   Emerging Faith-Based Collaborations in the Child Welfare System. Michael Howell-Moroney (PI). University of Alabama at Birmingham Faculty Development Program.

2009-2010 $5,000   Restoring the Intergovernmental Partnership: What Needs to Change. White paper prepared for the International City/County Management Association. Michael Howell-Moroney and Donna Handley (Co-PIs).

2008-2009 $9,000   Feasibility Study for Nixon Cultural Center at Tuxedo Junction. Michael Howell-Moroney and Jeremy Hall (Co-PIs). Main Street Birmingham.

2008-2009 $200,000   Assessing the Educational, Career, and Social Impacts of the XO Laptop Program in Birmingham, AL City Schools. Shelia R. Cotten (PI), Scott Snyder, Casey Borch, Betty Nelson, and Michael Howell-Moroney (Co-PIs). National Science Foundation.

Scholarship

In Preparation

Howell-Moroney, M. "Catch-22: How HUD's dual mandate disincentivizes maintenance of rental housing quality." In preparation for presentation at the 2024 Urban Affairs Association Conference.

Ertas, N. and Howell-Moroney, M. "Public sector work and financial satisfaction." In preparation for submission to personnel journal.

Howell-Moroney, M. "The Cardinal Sin: treating ordinal measures as continuous." In preparation for submission to generalist PA journal.

Howell-Moroney, M. and Ertas, N. "Rethinking the relationship between sector and volunteering." In preparation for submission to generalist PA or sociology journal.

Under Review

Howell-Moroney, M and Ertas, N. "Public Sector Work and Happiness. Under review at *Public Administration Review*.

Refereed Articles and Chapters

Howell-Moroney, M. (2023) "Inconvenient truths about logistic regression and the remedy of marginal effects." *Public Administration Review*. Available on early view

Howell-Moroney, M. (2022). "Using propensity score matching to improve validity in public administration research." in Kulaç, Babaoğlu and Akman (Eds.), Public Affairs Education and Training in the 21st Century, IGI Global Publishers.

Howell-Moroney, M. and K. Kerley (2017). "The big spill: Who was to blame and how should government respond? Citizen attitudes in the aftermath of the Deepwater Horizon spill in coastal Alabama." in D. Downey (Ed.), Cities and Disasters, CRC Publishers, pp. 129-145.

Howell-Moroney, M. (2016a). "Exploring the linkages between collaboration and innovation using faith-based partnerships in the child welfare system." in P. de Lancer Julnes and E. Gibson (Eds.), Innovations in the Public and Nonprofit Sectors: A Public Solutions Handbook, Taylor and Francis Publishers, pp.205-223.

Coleman, L., Gibson, P., Cotton, S., Howell-Moroney, M. & K. Stringer. (2016b). "Integrating computing across the curriculum: The impact of internal barriers and training intensity on computer integration in the elementary school classroom." Educational Computing Research, 54(2): 275-294.

Howell-Moroney, M. (2014a). "The empirical ties between religious motivation and altruism in foster parents: implications for faith-based initiatives in foster care and adoption."

Religions 5(3): 720-737. Reprinted in K. Kerley (Ed.) (2015). Current Studies in the Sociology of Religion, MDPI Publishers.

Gibson, P. A., Stringer, K., Cotten, S. R., Simoni, Z., O'Neal, L. J., & Howell-Moroney, M. (2014b). "Changing teachers, changing students? The impact of a teacher-focused intervention on students' computer usage, attitudes, and anxiety." Computers & Education. 71: 165-174.

Howell-Moroney, M. (2013a). "Faith-based partnerships and foster parent satisfaction." Journal of Health and Human Services Administration. 36(2): 109-124.

Howell-Moroney, M. (2013b). "On the effectiveness of faith-based partnerships as a means to recruit foster and adoptive parents." Journal of Public Management and Social Policy. 19(2): 167-178.

Hall, J. and Howell-Moroney, M. (2012a). "Poverty, innovation capacity and state economic development in the knowledge economy: Evidence from the U.S." Growth and Change. 43(2): 228-251.

Howell-Moroney, M. (2012b). "The global digital divide and its impact on e-governance" in M. Holzer and A. Manoharan (Eds.), *E-Governance and Civic Engagement: Factors and Determinants of E-Democracy*, IGI Global Publishers.

Howell-Moroney, M. and J. Hall. (2011a). "Waste in the sewer: The collapse of accountability and transparency in public finance in Jefferson County, Alabama." *Public Administration Review* 71(2): 232-242.

Cotten, S., T. Hale, M. Howell-Moroney, L. O'Neal, and C. Borch (2011b). "Using affordable technology to decrease digital inequality: Results from Birmingham's One Laptop per Child XO laptop project." *Information, Communication and Society.* 14(4): 424-444.

Handley, D. and M. Howell-Moroney. (2010). "Ordering stakeholder relationships and citizen participation: Evidence from the Community Development Block Grant Program." *Public Administration Review.* 70(4): 601-609.

Howell-Moroney, M. (2009). "Fostering capacity: The role of faith-based congregations in the child welfare system in the United States." *International Journal of Public Administration*, 32(1): 24-41.

Howell-Moroney, M. (2008a). "The Tiebout Hypothesis 50 years later: Lessons and lingering challenges for metropolitan governance in the twenty-first century." *Public Administration Review,* 68(1): 97-109.

Howell-Moroney, M. (2008b). "A mixed method look at state growth management policy." *American Review of Public Administration*, 38(3): 339-361.

Howell-Moroney, M. (2008c). "A description and exploration of recent state-led smart growth efforts." *Environment and Planning C: Government and Policy*, 26(4): 678-695.

Howell-Moroney, M. (2007). "Studying the effects of the intensity of US state growth management approaches on land development outcomes." *Urban Studies*, (44)11: 2163-2178.

Howell-Moroney, M. (2005a). "The geography of opportunity and unemployment: An integrated model of residential segregation and spatial mismatch." *Journal of Urban Affairs*, (27)4: 353-378.

Howell-Moroney, M. (2005b). "Economic implementation constraints on preserving land from sprawl: The case of the Delaware Valley." *Public Administration Quarterly,* (29)1: 54-76.

Howell-Moroney, M. (2004a). "What are the determinants of open space votes? An extension of the research." *Social Science Quarterly,* (85)1: 169-179.

Howell-Moroney, M. (2004b). "Community characteristics, open space preservation and regionalism: Is there a connection?" *Journal of Urban Affairs*, (26)1: 109-118.

Encyclopedic Entries

Howell-Moroney, M. (2010a) "Capitalism." In D. Mulvaney (Ed.), *Green Politics: An A-to-Z guide.* Thousand Oaks, CA: Sage.

Howell-Moroney, M. (2010b) "Future generations." In D. Mulvaney (Ed.), *Green Politics: An A-to-Z guide.* Thousand Oaks, CA: Sage.

Howell-Moroney, M. (2008). "Strategic planning for nonprofits." In J. Rabin (Ed.), *Encyclopedia of Public Administration and Public Policy*. New York, NY: Marcel Dekker.

Other Publications

Daily, S.B., Cotten, S., Gibson, P., Howell-Moroney, M. & O'Neal, L. (2013). "Teacher self-efficacy and usage: the case of the XO laptop in Alabama" In R. McBride & M. Searson (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2013* (pp. 4676-4683). Chesapeake, VA: AACE.

Howell-Moroney, M. and D. Handley (2009). "Restoring the intergovernmental partnership: What needs to change." White paper prepared for the International City/County Management Association (ICMA).

Howell-Moroney, M. (2007). "Symposium: 21st Century challenges in urban management." *Public Administration and Management*, (12) 4: 1-4.

Research Reports

Howell-Moroney, M., Soifer, S. and A. Lyons. "Tulane apartment resident survey report." Prepared for the City of Memphis. 2016

Howell-Moroney, M. "The economic security of women in the Birmingham Metropolitan Area: Challenges and prospects for a more secure future." White paper prepared for The Women's Fund of Greater Birmingham. 2012.

Howell-Moroney, M. and J. Hall. "Feasibility study: Nixon Cultural Center at Tuxedo Junction." Prepared for Main Street Birmingham, Inc. Summer 2009.

Conference Participation

Howell-Moroney, M. & Ertas, N. "Public sector work and happiness." Southeastern Conference for Public Administration. Memphis, TN September 2024.

Howell-Moroney, M. "Sector-based differences and bias: how quasi-experiments can help" Southeastern Conference for Public Administration. Lexington, KY. September 2022.

Howell-Moroney, M., Hall, J and E. Nelson. "Is there a brand crisis in public administration?" Southeastern Conference for Public Administration. Raleigh, NC. October 2016.

Howell-Moroney, M. and J. Hall. "Citizen trust in government: Rethinking the concept, re-creating a research agenda" Southeastern Conference for Public Administration. Atlanta, GA. October 2015.

Howell-Moroney, M. "Integrating multiple lenses in our empirical work: a modest proposal." Southeastern Conference for Public Administration. Atlanta, GA. September 2014.

Wrobel, S., Santo, C. and M. Howell-Moroney. "Perceptions and impact of the Memphis City/Shelby County School District merger." Southeastern Conference for Public Administration. Charlotte, NC. September 2013.

Howell-Moroney, M. and K. Kerley. "The social amplification of risk and citizen perceptions of accountability surrounding the BP oil spill: Evidence from the Alabama coast." Southeastern Conference for Public Administration. Coral Springs Florida. September 2012.

Howell-Moroney, M. "Faith-based nonprofits and the child welfare system: A tale of two programs." Southeastern Conference for Public Administration. Wilmington, NC. September 2010.

Howell-Moroney, M., Cotton S., Hale, T and L. O'Neal "Bridging the digital divide in Birmingham." American Society for Public Administration Conference. San Jose, California. April 2010.

Handley, D. and M. Howell-Moroney "Finding fertile soil for the grassroots: Examining stakeholder accountability and citizen participation in the CDBG program." Southeastern Conference for Public Administration. Orlando, Florida. September 2008.

Hall, J. and M. Howell-Moroney "The chicken or the egg: Using simultaneous equation modeling to determine the joint effects of poverty and innovation capacity on state economic development in the knowledge economy." Southeastern Conference for Public Administration. Orlando, Florida. September 2008.

Howell-Moroney, M. "The empirical linkages between faith and fostering: Implications for government-faith based collaboration practice." Southeastern Conference for Public Administration. Nashville, Tennessee. September 2007.

Howell-Moroney, M. "Testing Tiebout 50 years later: A look at the structures of local governance and public education." American Society for Public Administration Conference, Washington, D.C. March 2007.

Howell-Moroney, M. "The institutional scale of metropolitan governance and social welfare." Southern Political Science Association Conference, New Orleans, Louisiana. January 2007.

Howell-Moroney, M. "A grounded theory of local expenditure: Tiebout's hypothesis 50 years later." Southeastern Conference for Public Administration. Athens, Georgia. September 2006.

Howell-Moroney, M. "Toward a quantifiable typology of urban hierarchy." Urban Affairs Association Conference, Montreal, Quebec. April 2006.

Howell-Moroney, M. "Evaluating state growth management programs." Urban Affairs Association Conference, Salt Lake City, Utah. April 2005

Howell-Moroney, M. "An early assessment of state-led smart growth efforts." Urban Affairs Association Conference. Washington, D.C. March 2004.

Howell-Moroney, M. "Regionalism and open space: The implications of the open space preservation movement for regionalism." Urban Affairs Association Conference. Cleveland, Ohio. March 2003.

Chair/Discussant

Session facilitator for UA System Teaching with Technology Scholars Institute. "Using Blogs to Enhance Your Courses." May 2009.

Panel Chair for panel on Health and Human Services. Southeastern Conference for Public Administration. Nashville, Tennessee. September 2007.

Panel Chair for panel on Fiscal Policies. Southeastern Conference for Public Administration. Athens, Georgia. September 2006.

Panel Chair for panel on Globalization and Cities. Urban Affairs Association Conference, Montreal, Quebec. April 2006.

Panel Chair for panel on Growth Management. Urban Affairs Association Conference, Salt Lake City, Utah. April 2005.

Community, Professional, and University Service

Community Service

- Board Member, Tennis Memphis. 2014-2016.
- Board Member, Shelby Debate Society (Urban Debate League). 2013-2015.

- Participant in City of Memphis Urban Land Institute Innovation District Study. 2013-2014.
- Nonprofit Leadership Collaborative. Steering Committee. 2012-2017.
- United Way of Central Alabama Impact Funding Committee. 2007-2010.
- Executive Board Member (Treasurer), Birmingham Chapter of the American Society for Public Administration (ASPA). 2006-2010.
- Board Member, Fair Housing Center of Northern Alabama. 2006-2008.
- Board Member, Vineyard Family Services of Central Alabama. 2007-2009.
- Recruitment Committee Chair, Birmingham Chapter of the American Society for Public Administration (ASPA). 2006.
- Technical consultant for two Public Housing Resident Councils in Birmingham. Created a logic model and evaluation design for two multi-project grant applications. 2005.

Professional Service

Editorial and Review Activity

- Current editorial boards*: Public Administration Quarterly* and *Public Works Management and Policy*
- Past editorial board member for *Public Administration Review, Public Administration and Management* and *International Journal of Economic Development.*
- Contributing Editor for the *Encyclopedia of Public Administration and Public Policy.* (Local Government Administration Section.) 2005-2010.
- Symposium Editor, "Urban Management in the 21st Century: Lingering Issues and New Challenges published in *Public Administration and Management (12) 4: 2007.*
- Manuscript Reviewer for *Administration and Society*, *Children and Youth Services Review, Economic Development Quarterly, Environmental Politics, Journal of Planning Education and Research, Journal of Regional Science, Journal of Urban Affairs*, *Land Use Policy*, *Public Administration*, *Public Administration and Management, Public Administration Quarterly, Public Administration Review, Review of Policy Research, Urban Affairs Review* and *Social Science Quarterly.*
- Occasional book proposal reviewer for Sage Publications and Taylor & Francis.

Service to the Profession

- NASPAA Site Visitor. 2017, 2019, 2020.
- Faculty Coordinator for inaugural ICMA Student Chapter. University of Alabama at Birmingham. 2011-2012. (First ICMA Student Chapter to be formed nationally.)
- Pi Alpha Alpha (MPA honors society) Faculty Coordinator at University of Alabama at Birmingham. 2003-2011.

Institutional Service

University Service

- Vice Chair, CAS Tenure and Promotion Committee. 2019 and 2024.
- University of Memphis. College of Arts and Sciences. Tenure and Promotion Committee. 2017-2019; 2022-2024.
- University of Memphis. School of Urban Affairs and Public Policy. Strategic Planning Committee. 2024.
- University of Memphis. School of Urban Affairs and Public Policy, Ph.D. Program Committee. 2018-Present.
- University of Memphis. School of Urban Affairs and Public Policy, Chair, Ph.D. Disciplinary Committee. 2023.
- University of Memphis. School of Urban Affairs and Public Policy, Ph.D. Program Admissions Committee. 2021-2023.
- University of Memphis. School of Urban Affairs and Public Policy, Ph.D. Program Director Search Committee. 2020-2021.
- University of Memphis. School of Urban Affairs and Public Policy. Executive Council Member. 2012-2017.
- University of Memphis. College of Arts and Sciences. Graduate Council. 2014-2015.
- University of Alabama at Birmingham. College of Arts and Sciences Web Presence Advisory Committee. 2011-2012.
- University of Alabama at Birmingham. College of Arts and Sciences President's Teaching Award Committee. 2010-2011.
- University of Alabama at Birmingham. Social and Behavioral Sciences Committee on Teaching and Academic Affairs. 2004-2005 and 2009-2010.
- University of Alabama at Birmingham. University Planning Committee for Teaching with Technology Institute. 2008-2009.
- University of Alabama at Birmingham. School of Social and Behavioral Sciences Tenure and Promotion Committee. 2008-2009.
- University of Alabama at Birmingham. School of Social and Behavioral Sciences Sabbatical Committee. 2006-2007.

Departmental Service

- Strategic Planning Committee. 2024.
- Mid-Tenure Review Committee Chait, 2023.
- Tenure and Promotion Committee Member, 2022.
- Tenure and Promotion Committee Chair, 2019-2020.

- Search Committee Chair, MPA Coordinator. University of Memphis. 2016.
- Admissions Committee Chair and Coordinator. University of Memphis. 2012-2015.
- Search Committee Chair, Instructor. University of Memphis. 2014.
- Search Committee Chair, Instructor/Coordinator. University of Memphis. 2013.
- Search Committee Chair, Graduate Research Assistantship Committee. University of Memphis. 2012-2017.
- Search Committee Chair, Nonprofit Faculty Position, Division of Public and Nonprofit Administration. University of Memphis. 2012.
- Search Committee Member, Budgeting Faculty Position, Division of Public and Nonprofit Administration. University of Memphis. 2012.
- Tenure and Promotion Committee. Department of Government, University of Alabama at Birmingham. 2008-2011.
- Search Committee Member, Department Chair. University of Alabama at Birmingham. 2009.
- Search Committee Member, Master of Public Administration faculty position. University of Alabama at Birmingham. 2008.
- Search Committee Member, Master of Public Administration faculty position. University of Alabama at Birmingham. 2004.
- Search Committee Member, Master of Public Administration faculty position. University of Alabama at Birmingham. 2003.

Other Service

- Doctoral Student Workshop. "Plagiarism and AI" School of Urban Affairs and Public Policy.
- Panel Member. School of Urban Affairs and Public Policy. "University-Community Partnerships." 2021.
- Faculty Coordinator for UT Institute for Public Service Internship Program. University of Memphis. 2012-2018.
- MPA Internship Coordinator at University of Alabama at Birmingham. 2003-2005, 2009-2011.
- Faculty judge for University of Alabama at Birmingham Graduate Research Day. 2007, 2008, 2010 and 2011.
- Lecturer for University of Alabama at Birmingham's English Proficiency Program. 2005-2006.

Teaching

Urban Affairs/Policy	Methods	Public/Nonprofit Management
Community Development	Ph.D. Methods	Intro to Public Administration
Local Government Planning	Program Evaluation	Public Economics
Urban Management	Research Design	Public Leadership
Urban Economics	Statistics	Social Entrepreneurship
Urban Policy and Problems		State Local Government
Urban Politics		Strategic Planning

Mentoring

- Comprehensive Exam Committee chair for Sharif Hossain, Ph.D. Candidate. 2024.
- Comprehensive Exam Committee member for Ophrah Payne, Ph.D. Candidate. 2024.
- Comprehensive Exam Committee member for Dana Sjostrom, Ph.D. Candidate. 2023.
- Faculty mentor for Mohammed Sharif Hossain, Ph.D. Candidate. 2021-
- Faculty mentor for Evan Pressley. Institute for Public Service Intern. 2015.
- Faculty mentor for Emma Boyd Elliott. Institute for Public Service Intern. 2015.
- Faculty mentor for Fernanda Gutierrez. Institute for Public Service Intern. 2014.
- Faculty mentor for Jeffrey Schnobrich. Institute for Public Service Intern. 2013.
- Faculty mentor for Tiffany Roan. Intern at Shelby County Trustee's Office. 2013
- Faculty mentor for ShaRhonda Williams. Intern at Bridges. 2013.
- Faculty mentor for Housing and Community Development Fellows Program University of Memphis, School of Urban Affairs and Public Policy. Carole Coulter. 2012-2013.

Dissertation Committees

- Dissertation Committee chair for Sharif Hossain. Urban Affairs Ph.D. Candidate, University of Memphis. 2024-.
- Dissertation Committee member for LaToya O'Neal, Sociology Ph.D. Candidate, University of Alabama at Birmingham, Completed 2014.
- Dissertation Committee member for Xiafei Qiao, Sociology Ph.D. Candidate, University of Alabama at Birmingham, Completed 2010.
- Dissertation Committee member for Robert Jones, Political Science Ph.D. Candidate, Northern Arizona University. Completed 2007
- Dissertation Committee member for Charles Robinson, Civil Engineering Ph.D. Candidate, University of Alabama at Birmingham. Completed 2006.

Miscellaneous

Consulting

- Research Advisor/Consultant for G84 OASIS project, funded by the U.S. Department of Education. 2010.
- Management Consultant for University of Kentucky Prevention Research Center. Facilitated multiple day strategic planning retreat and prepared written plan. Fall 2005.
- Management Consultant for CDC's Racial and Ethnic Approaches to Community Health (REACH) 2010 project. Facilitated two-day strategic planning training for grassroots community leaders involved in the CDC's REACH 2010 project. Summer 2004.
- Management Consultant for Fair Housing Center of Northern Alabama. Facilitated Board-led strategic planning and prepared written plan. Summer 2003.

Media Interviews

- Interviewed by *The New York Times Magazine*, "God called them to adopt. And adopt. And adopt." Published November 14, 2013.
- Interviewed and quoted by *The Wall Street Journal*, "City's future lies in ruins: Birmingham, AL, envisions renewal after tornadoes. what to do with rubble?" Published May 6, 2011.
- Interviewed and quoted by *Birmingham News*, "Going it alone: McCalla considers incorporation," Published October 18, 2010.
- Interviewed and quoted by *UAB Magazine*, "Hope for the City." Published Fall 2006.
- Interviewed and quoted by WIAT CBS 42 as expert on implications of U.S. population reaching 300 million. Aired Fall 2006.
- Interviewed and quoted by *Birmingham Post Herald*, "No sleeping here: Council likely to vote today on proposal to outlaw sleeping in doorways." Published May 24, 2005.
- Interviewed and quoted by *Birmingham News*, "Shelby court may hear land case." Published August 25, 2003.

Training and Workshop Participation

- Grant Management Workshop Series, University of Memphis. 2013.
- NASPAA Accreditation Institute. NASPAA Annual Conference. 2012.
- UAB Principles and Practices for Web Enhanced, Blended and Distance Education Workshop. Spring 2009.
- Best Practices for Tenure and Promotion. Fall 2008.
- UAB Grant Training Workshop. Fall 2008.

- UA System Teaching with Technology Scholars Institute. Spring 2008; 2009.
- UAB Master Teacher Program with Dr. Harvey Brightman. Spring 2007.