

Michael P. Johnson

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Career Statement:

I am a leading scholar in decision modeling and analytics for public and nonprofit sector service design and delivery, with an emphasis on housing and community development and urban revitalization.

Academic Appointments:

<u>Position</u>	<u>Dates</u>
Professor Department of Public Policy and Public Affairs University of Massachusetts Boston, Boston, MA	September 2017 – present
Associate Professor (tenured) Department of Public Policy and Public Affairs University of Massachusetts Boston, Boston, MA	September 2007 – present
Visiting Scholar Department of Urban Studies and Planning Massachusetts Institute of Technology, Cambridge, MA	January – May 2014
Associate Professor of Management Science and Urban Affairs (untenured) H. John Heinz III School of Public Policy and Management Carnegie Mellon University, Pittsburgh, PA	November 2004 – August 2007
Assistant Professor of Management Science and Urban Affairs H. John Heinz III School of Public Policy and Management Carnegie Mellon University, Pittsburgh, PA	September 1997 - October 2004

Administrative Appointments:

<u>Position</u>	<u>Dates</u>
Chair, Department of Public Policy and Public Affairs University of Massachusetts Boston, Boston, MA	January 2018 - present September 2009 – January 2012
Director, Public Policy PhD Program University of Massachusetts Boston, Boston, MA	September 2008 – June 2012

Education:

Northwestern University, Evanston, IL

Doctor of Philosophy, Operations Research, December 1997

Dissertation: “An Optimization Model for Locating Subsidized Housing in a Metropolitan Area”

Major Areas: Production and Economics, Optimization, Applied Probability

Committee Chair: Arthur P. Hurter (retired)

University of California at Berkeley, Berkeley, CA

Master of Science, Operations Research, May 1990

Georgia Institute of Technology, Atlanta, GA

Master of Science, Electrical Engineering, September 1987

Morehouse College, Atlanta, GA
Bachelor of Science, Mathematics and French, May 1987

Research:

Current projects:

- Community data analytics: data collection, analysis and education for local development
- Community-based operations research: participatory, values-driven decision modeling for social impact
- Planning support for vacant property management and neighborhood redevelopment
- Decision models and case studies in foreclosed housing redevelopment and community revitalization

Grants, Scholarships and Professional Recognition:

MacArthur Foundation, “Boston Climate Justice Accelerator”, 2017 - 2022. Submitted October 2016 (not funded). Principal investigator: Sustainable Solutions Lab, University of Massachusetts Boston.

Boston Area Research Initiative, “Constructing Metrics that Matter,” February 15, 2016 to June 30, 2016. Funded at \$5,000. Research assistant: Sandeep Jani.

Boston Main Streets Foundation, “Community Development Analytics: From Data to Decisions for Boston Main Streets”, June 16, 2015 – December 31, 2015. Funded at \$4,465 (all funds supported UMB research efforts). Principal investigator: Brighton Main Streets. Research assistant: Sandeep Jani.

2014 President’s Award, Massachusetts chapter of the American Society for Public Administration.

The Abell Foundation, “Decision Modeling Tool for Vacant Structure Demolition and Redevelopment”, January 1 – December 31, 2013. Funded at \$50,000 (UMB subcontract for \$21,373). Principal investigator: Jill Lemke, City of Baltimore Department of Planning.

National Science Foundation, “Collaborative Proposal: Decision Models for Foreclosed Housing Acquisition and Redevelopment”, grant #1024968, September 15, 2010 – August 31, 2012 (no-cost extension through August 31, 2014). Funded at \$374,718 (UMB portion at \$138,737). Co-principal investigators: Jeffrey Keisler, University of Massachusetts Boston; Senay Solak, University of Massachusetts Amherst; David Turcotte, University of Massachusetts Lowell.

Joseph P. Healey Grant Program, University of Massachusetts Boston, “Decision Modeling for Foreclosed Housing Acquisition in a Large Urban Area”, grant #51216, July 2009 – July 2010. Funded at \$6,000. Co-principal investigator: David Turcotte, University of Massachusetts Lowell.

Massachusetts Housing Partnership, “Massachusetts Foundation for Growth: Research and Policy Analysis to Support Housing Production and Economic Growth – Scope A”, April 2009 – December 2009. Funded at \$55,000. Principal investigators: Michael Goodman, University of Massachusetts Donahue Institute; Alan Clayton-Matthews, University of Massachusetts Boston.

Intel Foundation, “Leveraging Computational Technologies to Support Behavior Change”, January 2007 – December 2009. Funded at \$258,126. Principal investigator: Jennifer Mankoff, Carnegie Mellon University.

Centers for Disease Control and Prevention, U.S. Department of Health and Human Services, “Impact of Housing Relocation Initiatives on Community-Level Violence”, September 2005 – August 2009. Funded at \$1,055,737. Principal investigator: Jacqueline Cohen, Carnegie Mellon University.

National Science Foundation Faculty Early Career Development (CAREER) Program, “CAREER: Public-Sector Decision Modeling for Facility Location and Service Delivery,” August 2002 – July 2007 (no-cost extension through July 2008). Funded at \$399,492.

U.S. Department of Housing and Urban Development Urban Scholars Postdoctoral Fellowship Program, “Spatial Decision Support for Housing Mobility Counseling,” August 2001 – April 2003. Funded at \$53,854.

National Consortium on Violence Research Career Development Fellowship, “Modeling Criminal Offending Effects of Tenant-Based Subsidized Housing,” June 2000 – April 2003. Funded at \$6,000.

National Consortium on Violence Research, Research Grant, “Neighborhood Effects on Violent Criminal Offending: Evidence from Housing Mobility,” January 2000 – January 2002. Funded at \$135,585. Principal Investigator: Jens Ludwig, Georgetown University.

National Consortium on Violence Research, Research Initiation Fund, “Neighborhood Effects on Violent Criminal Offending: Evidence from Housing Mobility,” July 1999 – October 1999. Funded at \$5,000. Principal Investigator: Jens Ludwig, Georgetown University.

Carnegie Mellon University Faculty Development Fund, “A Decision Support System for Location of Subsidized Housing”, November 1997 – October 1999. Funded at \$2,624.

Northwestern University/University of Chicago Joint Center for Poverty Research Graduate Fellowship, October 1996 - June 1997.

National Science Foundation Graduate Engineering Education Fellowship, September 1994 - August 1995.

National Consortium for Graduate Degrees for Minorities in Engineering and Science, Inc. (GEM) Ph.D. Fellowship, September 1993 - August 1994.

Graduate Student Research Fellowship, University of California at Berkeley, January 1989 - June 1990.

AT&T Bell Laboratories Dual Degree Scholarship Program Participant, June 1982 - August 1987.

Publications:

(a) *Refereed Journal Articles (published and accepted):*

- Johnson, M.P.**, Midgley, G. and G. Chichirau. Emerging Trends and New Frontiers in Community Operational Research. *European Journal of Operational Research: Special Issue: Community Operational Research: Innovations, Internationalization and Agenda-Setting Applications*, to appear. doi: 10.1016/j.ejor.2017.11.032 [open access].
- Hollander, J., **Johnson, M.P.**, Tu, J. and R.B. Drew. Changing Urban Form in a Shrinking City. *Environment and Planning B: Urban Analytics and City Science*, to appear. doi: 10.1177/2399808317743971.
- Midgley, G., **Johnson, M.P.** and G. Chichirau. What is Community Operational Research? *European Journal of Operational Research: Special Issue: Community Operational Research: Innovations, Internationalization and Agenda-Setting Applications*, to appear. doi: 10.1016/j.ejor.2017.08.014 [open access].
- Johnson, M.P.** 2015. Data, Analytics and Community-Based Organizations: Transforming Data to Decisions for Community Development. *I/S: A Journal of Law and Policy for the Information Society: Big Data Future Part Two* **11**(1): 49 – 96.
- Turcotte, D., **Johnson, M.P.**, Vidrine, E., Drew, R.B. and F. Sullivan. 2015. Reconstructing Neighborhoods: Case Studies in Foreclosed Housing Acquisition and Redevelopment by Community Development Corporations. *Housing and Society* **42**(1): 17 – 39. doi: 10.1080/08882746.2015.1020700.
- Keisler, J., Turcotte, D.A., Drew, R.B. and **M.P. Johnson**. 2014. Values Structuring and Strategy Design for Housing and Community Development. *EURO Journal on Decision Processes* **2**(3 – 4): 221 – 256. doi: 10.1007/s40070-014-0032-y.

- Johnson, M.P.**, Hollander, J. and A. Hallulli. 2014. Maintain, Demolish, Re-purpose: Policy Design for Vacant Land Management using Decision Models. *Cities: Special Issue: Vacant Land: The New Urban Green* **40**:151 – 162. doi: 10.1016/j.cities.2013.05.005.
- Johnson, M.P.**, Zheng, K. and R. Padman. 2014. Modeling the Longitudinality of User Acceptance of Technology with an Evidence-Adaptive Clinical Decision Support System. *Decision Support Systems* **57c**: 444 – 453. doi: 10.1016/j.dss.2012.10.049.
- Bayram, A., Solak, S. and **M.P. Johnson**. 2014. Stochastic Optimization Models for Strategic Resource Allocation in Nonprofit Foreclosed Housing Acquisitions. *European Journal of Operational Research* **233**(1): 246 – 263. doi: 10.1016/j.ejor.2013.08.040.
- Johnson, M.P.**, Solak, S., Drew, R.B. and J. Keisler. 2013. Property Value Impacts of Foreclosed Housing Acquisitions under Uncertainty. *Socio-Economic Planning Sciences* **47**(4): 292 – 308. doi: 10.1016/j.seps.2013.07.003.
- Yildiz, H., **Johnson, M.P.** and S. Roehrig. 2013. Planning for Meals-on-Wheels: Algorithms and Application. *Journal of the Operational Research Society* **64**: 1540 – 1550. doi: 10.1057/jors.2012.129.
- Johnson, M.P.**, Drew, R.B., Keisler, J. and D. Turcotte. 2012. What is a Strategic Acquisition? Decision Modeling in Support of Foreclosed Housing Redevelopment. *Socio-Economic Planning Sciences* **46**(3): 194 – 204. doi: 10.1016/j.seps.2012.05.002.
- Chiou, Y.-S., Carley, K.M., Davidson, C.I. and **M.P. Johnson**. 2011. A High Spatial Resolution Residential Energy Model based on American Time Use Survey Data and the Bootstrap Sampling Method. *Energy and Buildings* **43**(12): 3528 – 3538. doi: 10.1016/j.enbuild.2011.09.020.
- Zheng, K., Hanauer, D.A., Padman, R., **Johnson, M.P.**, Hussain, A.A., Ye, W., Zhou, X. and H.S. Diamond. 2011. Handling Anticipated Exceptions in Clinical Care: Investigating the Benefits and Consequences of Providing 'Exit Strategies' in an Electronic Health Records System. *Journal of the American Medical Informatics Association* **18**(6): 883 – 889. doi: 10.1136/amiajnl-2011-000118.
- Johnson, M.P.**, Turcotte, D. and F.M. Sullivan. 2010. What Foreclosed Homes Should a Municipality Purchase to Stabilize Vulnerable Neighborhoods? *Networks and Spatial Economics* **10**(3): 363 – 388. doi: 10.1007/s11067-010-9138-3.
- Zheng, K., Padman, R., Krackhardt, D., **Johnson, M.P.** and H.S. Diamond. 2010. Social Networks and Physician Adoption of Electronic Health Records: Insights from a Pilot Study. *Journal of the American Medical Informatics Association* **17**(3): 328 – 336. doi: 10.1136/jamia.2009.000877. Selected for publication in the *2011 IMIA Yearbook of Medical Informatics*.
- Xu, J., **Johnson, M.P.**, Fischbeck, P., Small, M. and J. VanBriesen. 2010. Robust Optimization of Sensor Placement in Dynamic Water Distribution Systems. *European Journal of Operational Research* **202**: 707 – 716. doi: 10.1016/j.ejor.2009.06.010.
- Silva, M.E. and **M.P. Johnson**. 2009. Using Facility-Location Models to Optimally Locate Hierarchical Community-based Health Facilities in Davao City. *Acta Medica Philippina* **43**(3): 18 – 24.
- Zheng, K., Padman, R., **Johnson, M.P.** and H. Diamond. 2009. An Interface-Driven Analysis of User Behavior of an Electronic Health Records System. *Journal of the American Medical Informatics Association* **16**(2): 228 – 237. doi: 10.1197/jamia.M2852.
- Johnson, M.P.** 2007. Planning Models for the Provision of Affordable Housing. *Environment and Planning B: Planning and Design* **34**(3): 501 – 523. doi: 10.1068/b31165.
- Johnson, M.P.** 2006. Single-Period Location Models for Subsidized Housing: Project-Based Subsidies. *Socio-Economic Planning Sciences* **40**(4): 249 – 274. doi: 10.1016/j.seps.2004.11.001.
- Johnson, M.P.** 2006. Decision Models for Location of Community Corrections Centers. *Environment and Planning B: Planning and Design* **33**(3): 393 – 412. doi: 10.1068/b3125.

- Johnson, M.P.** 2005. Spatial Decision Support for Assisted Housing Mobility Counseling. *Decision Support Systems* **41**(1): 296 – 312. Also indexed in *Computer & Information Systems Abstracts* by CSA. doi: 10.1016/j.dss.2004.08.013.
- Caulkins, J.P., Feichtinger, G., Grass, D., **Johnson, M.P.**, Tragler, G. and Y. Yegorov. 2005. Placing the Poor While Keeping the Rich in Their Place: Separating Strategies for Optimally Managing Residential Mobility and Assimilation. *Demographic Research* **13**(1): 1 – 34. doi: 10.4054/DemRes.2005.13.1.
- Caulkins, J.P., Feichtinger, G., **Johnson, M.P.**, Tragler, G. and Y. Yegorov. 2005. Skiba Thresholds in a Model of Controlled Migration. *Journal of Economic Behavior and Organization* **57**(4): 490 – 508. doi: 10.1016/j.jebo.2005.04.008.
- Johnson, M.P.**, Gorr, W.L. and S. Roehrig. 2005. Location of Elderly Service Facilities. *Annals of Operations Research* **136**(1): 329 – 349. doi: 10.1007/s10479-005-2062-0.
- Zheng K., Padman R., **Johnson M.P.** and H.S. Diamond. 2005. Understanding Technology Adoption in Clinical Care: Clinician Adoption Behavior of a Point-of-Care Reminder System. *International Journal of Medical Informatics* **74**(7 – 8): 535 – 543. doi: 10.1016/j.ijmedinf.2005.03.007.
- Johnson, M.P.** 2003. Single-Period Location Models for Subsidized Housing: Tenant-Based Subsidies. *Annals of Operations Research: Facility Location Modelling: Papers in Honor of Kenneth E. Rosing, Part II* **123**: 105 – 124. doi: 10.1023/A:1026119128524.
- Johnson, M.P.** 2002. Decision Support for Family Relocation Decisions under the Section 8 Housing Assistance Program Using GIS and the Analytic Hierarchy Process. *Journal of Housing Research* **12**(2): 277 – 306.
- Johnson, M.P.**, Gorr, W.P., and S. Roehrig. 2002. Location/Allocation/Routing for Home-Delivered Meals Provision: Models & Solution Approaches. *International Journal of Industrial Engineering* **9**(1): 45 - 56.
- Johnson, M.P.**, Ladd, H.F. and J. Ludwig. 2002. The Benefits and Costs of Residential-Mobility Programs for the Poor. *Housing Studies* **17**(1): 125 – 138. Also indexed in *Social Services Abstracts* and *Linguistics and Language Behavior Abstracts* by CSA. doi: 10.1080/02673030120105947.
- Gorr, W.L., **Johnson, M.P.** and S. Roehrig. 2001. Spatial Decision Support System for Home-Delivered Services. *Journal of Geographic Systems* **3**(2): 181 - 197. doi: 10.1007/PL00011474.
- Johnson, M.P.** 2001. A Spatial Decision Support System Prototype for Housing Mobility Program Planning. *Journal of Geographic Systems* **3**(1): 49 – 67. doi: 10.1007/PL00011467.
- Johnson, M.P.** 2001. Environmental Impacts of Urban Sprawl: A Survey of the Literature and Proposed Research Agenda. *Environment and Planning A* **33**(4): 717 - 735. Also indexed in *Pollution Abstracts* by CSA. doi: 10.1068/a3327.
- Johnson, M.P.** 2001. Tenant-Based Subsidized Housing Location Planning Under Uncertainty. *Socio-Economic Planning Sciences* **35**(3): 149-173. doi: 10.1016/S0038-0121(01)00003-9.
- Johnson, M.P.** and A.P. Hurter. 2000. Decision Support for a Housing Relocation Program Using a Multi-Objective Optimization Model. *Management Science* **46**(12): 1569 – 1584. doi: 10.1287/mnsc.46.12.1569.12077.
- Johnson, M.P.** and A.P. Hurter. 1999. Economic Impacts of Subsidized Housing Relocation. *Papers in Regional Science* **78**(3): 265 - 295. doi: 10.1007/s101100050026.
- Johnson, M.P.** and A.P. Hurter. 1998. An Optimization Model for Location of Subsidized Housing in Metropolitan Areas. *Location Science* **6**: 257 – 279. doi: 10.1016/S0966-8349(98)00044-8.

(b) *Refereed Journal Articles and Book Chapters (under review and development)*:

“Planning with Justice in Mind in a Shrinking Baltimore” (with Justin Hollander (lead author), Jeremy Nemeth and Eliza Davenport Whiteman; under review at *Journal of Urban Affairs*).

“Measuring Success: Community Analytics for Local Economic Development” (with Sandeep Jani; under review at *European Journal of Operational Research*, special issue “Community Operational Research: Innovations, Internationalization and Agenda-Setting Applications”. Revise-and-resubmit request received December 23, 2016). Available online at https://works.bepress.com/michael_johnson/70/.

“Decision Modeling for Housing and Community Development: A Methodology for Evidence-Based Urban and Regional Planning” (under review at *Planning Practice & Research*. Reject-and-resubmit request received December 18, 2017.) Available online at https://works.bepress.com/michael_johnson/72/.

(c) *Books and Edited Conference Proceedings*:

Johnson, M.P., Keisler, J., Solak, S., Turcotte, D., Bayram, A. and R.B. Drew. 2016. *Decision Science for Housing and Community Development: Localized and Evidence-Based Responses to Distressed Housing and Blighted Communities*. New York: John Wiley & Sons, Inc. ISBN: 978-1-118-97499-5. Description and downloads available at <http://www.wiley.com/WileyCDA/WileyTitle/productCd-1118974999,subjectCd-PO73.html>.

Johnson, M.P. (Ed.) 2012. *Community-Based Operations Research: Decision Modeling for Local Impact and Diverse Populations*. New York: Springer. ISBN: 978-1-4614-0805-5. Descriptions and downloads available at <http://www.springer.com/us/book/9781461408055>.

Johnson, M.P., Norman, B. and N. Secomandi (Eds.) 2006. *Tutorials in Operations Research 2006: Models, Methods and Applications for Innovative Decisionmaking*. Hanover, MD: Institute for Operations Research and the Management Sciences. ISBN: 978-1-877640-20-9. Description and downloads available at <http://pubsonline.informs.org/doi/book/10.1287/educ.1063>.

Johnson, M.P. and H.L. White (Eds.) 2000. *Housing and Sustainable Community Development: Enhancing Minority Home Ownership, Volume One*. Pittsburgh, PA: Conference of Minority Public Administrators. [Proceedings of the Twenty-Eighth Conference of Minority Public Administrators, Housing and Community Development Track]

(d) *Books and Special Projects Under Preparation*:

Supporting Shrinkage: Better Planning and Decision-Making for Legacy Cities (with Justin Hollander and Eliza Whiteman). Manuscript under contract at SUNY Press. Anticipated delivery date: June 2018.

Special issue, *European Journal of Operational Research*, “Community Operational Research: Innovations, Internationalization and Agenda-Setting Applications” (with Gerald Midgley, lead co-editor). Publication date: June 2018. Announcement at <https://www.theorsociety.com/Blog/community-or-network/20150407134615.aspx>; pre-publication proofs available at <http://www.sciencedirect.com/journal/european-journal-of-operational-research/articles-in-press>.

Special issue, *Socio-Economic Planning Sciences*, “Indices for the Betterment of the Public” (with Ali Emrouznejad, lead co-editor, and Vincent Charles). Anticipated publication date: November 2018.

(e) *Conference Proceedings and Book Chapters*:

Johnson, M.P., Hollander, J. and E. Davenport Whiteman. 2015. “Data and Analytics for Neighborhood Development: Smart Shrinkage Decision Modeling in Baltimore, Maryland”. In (Stan Geertman, Joe Ferreira, Robert Goodspeed and John Stillwell, Eds.) *Planning Support Systems and Smart Cities*. Switzerland: Springer, p. 61 – 76. ISBN: 978-3-319-18367-1 (peer reviewed).

Johnson, M.P. 2012. “Decision Models for Housing and Community Development”, in (A. Carswell, Ed.) *The Encyclopedia of Housing, 2nd Edition*. ISBN: 978-1412989572.

- Johnson, M.P.** 2012. “Community-Based Operations Research: Introduction, Theory and Applications”, in (M.P. Johnson, Ed.) *Community-Based Operations Research: Decision Modeling for Local Impact and Diverse Populations*. New York: Springer, p. 3 – 36. ISBN: 978-1-4614-0805-5 (peer reviewed).
- Johnson, M.P.** 2011. “Housing and Community Development”, in (J. Cochran, Ed.) *Wiley Encyclopedia of Operations Research and Management Science*. ISBN: 978-0-470-40063-0.
- Bayram, A., Solak, S., **Johnson, M.P.** and D. Turcotte. 2011. “Managing Foreclosed Housing Portfolios for Improved Social Outcomes”, Proceedings of the Production and Operations Management Society 22nd Annual Conference, Reno, NV, April 29, 2011 (peer reviewed).
- Bayram, A., Solak, S., **Johnson, M.P.** and D. Turcotte. 2011. “Stochastic Dynamic Models for Foreclosed Housing Acquisition and Redevelopment”, Proceedings of the Industrial Engineering Research Conference, May 2011 (peer reviewed).
- Mankoff, J., Fussell, S.R., Graves, R., **Johnson, M.P.**, Matthews, D., Matthews, H.S., McGuire, R., Thompson, R., Shick, A. and L. Setlock. 2010. “StepGreen.org: Increasing Energy Saving Behaviors via Social Networks”, presented at Fourth International AAAI Conference on Weblogs and Social Media (ICWSM-10), May 23-26, 2010 (peer reviewed).
- Zheng, K., Padman, R., **Johnson, M.P.** and S. Hasan. 2009. “Guideline Representation Ontologies for Evidence-based Medicine Practice”, in (K. Khoumbati, A. Srivastava, Y.K. Dwivedi and B. Lal, Eds.) *Handbook of Research on Advances in Health Informatics and Electronic Healthcare Applications: Global Adoption and Impact of Information Communication Technologies*. Hershey, PA: Medical Information Science Reference, p. 234 – 254. ISBN: 978-1-60566-030-1 (peer reviewed).
- Johnson, M.P.** and K. Smilowitz. 2007. “Community-Based Operations Research”, in (T. Klastorin, Ed.) *Tutorials in Operations Research 2007: OR Tools and Application - Glimpses of Future Technologies*. Hanover, MD: Institute for Operations Research and the Management Sciences, p. 102 – 123. ISBN: 978-1-977640-22-3. Reprinted in: (M.P. Johnson, Ed.) *Community-Based Operations Research: Decision Modeling for Local Impact and Diverse Populations*. Springer, 2011 (peer reviewed).
- Zheng, K., Padman, R. and **M.P. Johnson**. 2007. “User Interface Optimization for an Electronic Medical Record System”, in (K.A. Kuhn, J.R. Warren and T.-Y. Leong, Eds.) *MEDINFO 2007: Proceedings of the 12th World Congress on Health (Medical) Informatics*. Amsterdam: IOS Press, p. 1058 – 1062. ISBN: 978-1-58603-774-1 (peer reviewed).
- Mankoff, J., Matthews, D., Fussell, S.R. and **M.P. Johnson**. 2007. “Leveraging Social Networks to Motivate Individuals to Reduce Their Ecological Footprints”, in *Proceedings of the 40th Annual Hawaii International Conference on System Sciences* (CD-ROM), January 3 – 6, 2007, Computer Society Press, 2007 (10 pages) (peer reviewed).
- Johnson, M.P.** 2007. “Engineering-Based Methods for Affordable Housing and Sustainable Community Development”, in (J. Hunziker, Ed.), *Frontiers of Engineering: Reports on Leading-Edge Engineering from the 2006 Symposium*, National Academy of Engineering, Washington, D.C., pp. 149 – 158. ISBN: 0-309-10339-8.
- Zheng, K., Padman, R., **Johnson, M.P.** and H.S. Diamond. 2007. “Evaluation of Healthcare IT Applications: The User Acceptance Perspective”, in (Vaidya, S., Jain, L.C. and H. Yoshida, Eds.), *Advanced Computational Intelligence Paradigms in Healthcare – 2: Studies in Computational Intelligence, Vol. 65*. Berlin: Springer-Verlag, pp. 49 – 78. ISBN: 978-3-540-72374-5 (peer reviewed).
- Zheng, K., Padman, R., **Johnson, M.P.** and H.S. Diamond. 2005. “User Acceptance and Adoption of a Clinical Reminder System: Interpreting the Effects of User Characteristics”, in (E.M. Trauth, Ed.), *Encyclopedia of Gender and Information Technology, Vol. 1*. Hershey, PA: Idea Group Reference, pp. 1312 – 1317. ISBN: 1-59140-815-6 (peer reviewed).
- Zheng, K., Padman, R., **Johnson, M.P.**, Engberg, J. and H.M. Diamond. 2004. “An Adoption Study of a Clinical Reminder System in Ambulatory Care Using a Developmental Trajectory Approach,” in (M.

Fieschi, E. Coiera and Y.-C.J. Li, Eds.) *MEDINFO 2004: Proceedings of Eleventh World Congress on Medical Informatics*. Amsterdam: IOS Press, pp. 1115 – 1119. ISBN: 1-58603-444-8 (peer reviewed).

Johnson, M.P. 2002. “Spatial Decision Support for Subsidized Housing Location and Residential Mobility,” in (C.M.B. Medeiros, Ed.) *Encyclopedia of Life Support Systems (EOLSS): Advanced Geographic Information Systems*. Oxford, UK: Eolss Publishers. Available online at <http://www.eolss.net> (peer reviewed).

Johnson, M.P. 2000. “The Role of Quantitative Planning Techniques in the Redesign of Subsidized Housing Policy,” in (H.L. White and M.P. Johnson, Eds.) *Housing and Sustainable Community Development: Enhancing Minority Home Ownership, Volume One*. Pittsburgh: COMPA, pp. 69 – 83.

Johnson, M.P. and A.P. Hurter. 1997. “Location of Locally Objectionable Facilities: Subsidized Housing,” in (G. L. Curry, B. Bidanda and S. Jagdale, Eds.) *Sixth Industrial Engineering Research Conference Proceedings*, Norcross, GA: Institute of Industrial Engineers, pp. 513 – 518 (peer reviewed).

(f) *Other Writing:*

Johnson, M.P., Midgley, G. and G. Chichirau, 2017. “Emerging Trends and New Frontiers in Community Operational Research”. Research Memorandum 101, Hull University Business School, ISBN 978-1-906422-38-7.

Midgley, G., **Johnson, M.P.** and G. Chichirau. 2017. “What is Community Operational Research?” Research Memorandum 100, Hull University Business School, ISBN 978-1-906422-37-0.

Johnson, M.P. 2017. “Super Roundtable, “From Data to Decisions at Your Nonprofit”: Event Description and Assessment”. Boston: University of Massachusetts Boston. Available online at http://works.bepress.com/michael_johnson/88.

Data Committee of Boston Main Streets. 2015. “Final Report: Success Measures for Local Economic Development”. Prepared by **Michael P. Johnson** and Sandeep Jani. Boston.

Johnson, M.P. 2015. “Pro Bono Analytics for CDCs”. Boston: Massachusetts Association of Community Development Corporations. Available online at <http://www.macdc.org/content/pro-bono-analytics-cdcs>.

Johnson, M.P., Sangang, A. and L. Mickle. 2014. *Retention and Success of Underrepresented Minorities in STEM at University of Massachusetts Boston: A Pilot Study of the Impact of Freshman Success Communities*. Boston: University of Massachusetts Boston. Available online at http://works.bepress.com/michael_johnson/54/.

Johnson, M.P. and J. Hollander. 2014. *Baltimore Vacant Lot Redevelopment Project: Final Report*. With H.A. Rohman, S. Bahirwani, P. Ciurzak, A. Engel, K. Keeny, E. Lamberg, A. Levine, J. Tu and E. Whiteman (Tufts University) and M. Hughes, H.-J. Lee and O. Usidame (University of Massachusetts Boston). Baltimore: City of Baltimore Department of Planning.

Kling, R., Kalimon, L., Stepasiuk, T., Usidame, B., McLane, R., Whalen, R., Sanchez, A.M. and **M.P. Johnson**. 2013. *Uplifting: Improvements in Boston Area Client Well-Being*. Boston: University of Massachusetts Boston. Available online at http://works.bepress.com/michael_johnson/42.

Johnson, M.P. and L. Stenson. 2012. “Summary: ‘Community-Based Operations Research: Decision Modeling for Local Impact and Diverse Populations’”. National Association of Mathematicians newsletter.

Johnson, M.P. and O. Ozaltin, 2010. “Senior Center Network Redesign Under Demand Uncertainty”. Available at http://works.bepress.com/michael_johnson/45.

Koshgarian, L., Clayton-Matthews, A., Goodman, M. and **M.P. Johnson**. 2010. *Foundation for Growth: Housing and Employment in 2020*. Prepared by UMass Donahue Institute for Public Policy for the Massachusetts Housing Partnership Foundation for Growth Initiative.

- Cohen, J., Fatoye-Matory, O., Gleason, L. Helburn, A., Sullivan, F.M. and **M.P. Johnson**. 2009. *Comparative Case Study of Network Capacity & Success among Massachusetts Association of Community Development Corporations (MACDC) Members: Final Report*. Boston: University of Massachusetts Boston.
- Southwest Boston Community Development Corporation. 2009. *Hyde Park Needs Assessment: Final Report*. Prepared by **Michael P. Johnson**, Amy Helburn, Courtney Knapp and Lucille Jones.
- Johnson, M.P.** and K. Smilowitz. 2008. "Community-Based Operations Research." *OR/MS Today* **35**(1): 22 – 25 (February 2008).
- Johnson, M.P.** and J. P. Caulkins. 2007. "Can Housing Mobility Programs Make a Long-Term Impact on the Lives of Poor Families and the Health of Middle-Class Communities: A Policy Simulation." Heinz School Working Paper Series 2005-33.
- Johnson, M.P.** 2007. "Economic and Statistical Models for Affordable Housing Policy Design." Heinz School Working Paper Series 2007-11.
- Johnson, M.P.** 2007. "Flexible Affordable Housing Policy Design with Scale Impacts and Equity Objectives" Heinz School Working Paper Series 2005-10.
- Jung, C., **Johnson, M.P.** and J.C. Williams. 2007. "Mathematical Models for Reconstruction Planning in Urban Areas." Heinz School Working Paper Series 2007-10.
- Johnson, M.P.** 2006. "Public Participation and Decision Support Systems: Theory, Requirements and Applications." Heinz School Working Paper Series 2006-13.
- Johnson, M.P.**, Norman, B. and N. Secomandi. 2006. "Preface", in (Michael P. Johnson, Bryan Norman and Nicola Secomandi, Eds.), *Tutorials in Operations Research: Models, Methods and Applications for Innovative Decisionmaking*, Institute for Operations Research and the Management Sciences, Hanover, MD).
- Johnson, M.P.** 2005. "Can a Spatial Decision Support System Improve Low-Income Service Delivery? Requirements and Evidence from a Housing Mobility Counseling System." Heinz School Working Paper Series 2005-32.
- Johnson, M.P.**, Caulkins, J., Feichtinger, G., Tragler, G. and Y. Yegorov. 2004. "Hidden Strategic Challenges Posed by Housing Mobility Policy: An Application of Dynamic Policy Modeling." Heinz School Working Paper Series 2004-9.
- Gorr, W., **Johnson, M.P.** and S. Roehrig. 2004. "Policy Systems: The Integration of Information Technology into Policy Analysis, Planning, and Program Evaluation." Heinz School Working Paper Series 2004-8.
- Kataria, G. and **M.P. Johnson**. 2004. "Neighborhood Selection of Public Housing Residents in the Housing Choice Voucher Program: Quasi-Experimental Results from Chicago." Heinz School Working Paper Series 2004-1.
- Wendholt, A. and **M.P. Johnson**. 2004. "Decision Support Technology for Public Safety Resource Allocation: Location of Fire Stations in a Fiscally Constrained Environment". Final Report, *InformationWeek* Fellowship (revised 6/3/04).
- Ludwig, J., Jacob, B.A., Duncan, G.J., Rosenbaum, J. and **M.P. Johnson**. 2004. "The Effects of Housing Vouchers on Criminal Behavior: Evidence from a Randomized Lottery." Unpublished draft. Washington, D.C.: Georgetown Public Policy Institute.
- Highland Park Community Development Corporation. 2004. *Highland Park Community Plan*. Prepared by Brean Associates and **Michael P. Johnson**.
- Johnson, M.P.** 2004. Review of *Unfair Housing: How National Policy Shapes Community Action* (Mara S. Sidney, University Press of Kansas, 2003), *Perspectives in Political Science*, Spring 2004, **33**(2):108.

- Johnson, M.P.**, Williams Foster, A.M. and C.A. Martin. 2003. “Designing Better Fair Housing Policy: Evaluating Local Studies of Barriers to Fair Housing.” Heinz School Working Paper Series 2002 – 42 (revised 6/20/03).
- Johnson, M.P.** 2003. “Nonlinear Models for Housing Mobility Program Planning.” Heinz School Working Paper Series 2000-22 (revised 2/17/03).
- Johnson, M.P.** 2001. “Facilitating Negotiations between Stakeholders in Subsidized Housing Planning.” Heinz School Working Paper Series 2001-04.
- Gorr, W.P., **Johnson, M.P.** and S. Roehrig. 2001. “Point Demand Forecasting.” Heinz School Working Paper Series 2001-02.
- Johnson, M.P.** 2000. “Reforming the Eighth-Grade Student Assignment Process for the Philadelphia Public Schools.” Heinz School Working Paper Series 2000-11; also available via Educational Resources Information Center Clearinghouse on Urban Education (ERIC/CUE) database.
- Johnson, M.P.** 2000. “Introduction: An Overview of Current Research in Housing and Sustainable Community Development,” in (Harvey L. White and Michael P. Johnson, Eds.) *Housing and Sustainable Community Development: Enhancing Minority Home Ownership, Volume One*. Pittsburgh: COMPA, pp. 1 – 6.
- Johnson, M.P.** 2000. “Summary: A Research Agenda for Minority Public Administrators in Housing and Sustainable Community Development,” in (Harvey L. White and Michael P. Johnson, Eds.) *Housing and Sustainable Community Development: Enhancing Minority Home Ownership, Volume One*. Pittsburgh: COMPA, pp. 99 – 102.
- Martin, C.A., **Johnson, M.P.** and A.M. Williams Foster. 2000. *Analysis of Impediments to Fair Housing Choice in the City of Pittsburgh, Pennsylvania*. Prepared for the City of Pittsburgh Department of City Planning.
- Martin, C.A. and **M.P. Johnson**. 1999. *Analysis of Impediments to Fair Housing Choice in Allegheny County, Pennsylvania: Excluding the City of Pittsburgh, the City of McKeesport, and the Municipality of Penn Hills*. Prepared for the Allegheny County Department of Economic Development and The Fair Housing Partnership of Greater Pittsburgh.
- Gorr, W.P., **Johnson, M.P.**, Krishnan, R. Roehrig, S. and P. Singh. 1998. “HumanServicesNet: A Web-Based Geographic Information System for Non-Profit Organizations.” Unpublished draft. Pittsburgh: Carnegie Mellon University, H. John Heinz III School of Public Policy and Management.

Websites:

- “SelectedWorks of Michael P. Johnson”, at http://works.bepress.com/michael_johnson/.
- “Decision Models for Foreclosed Housing Acquisition and Redevelopment”, at http://umb.libguides.com/foreclosed_housing.
- “Pittsburgh Housing e-Counselor”, at <http://staff.heinz.cmu.edu/HousingSearch/housing%20DSS/tenants.html> (offline as of 9/11/16).

Selected Presentations and Conference Participation (2007 - present):

2018:

- “Community-Engaged Operations Research: Localized Interventions, Appropriate Methods, Social Impact”, Massachusetts Institute of Technology, Operations Research Center IAP Seminar: “Operations Research for Social Good”, Cambridge, MA, January 29, 2018.

2017:

- Panelist, “Fundors Supporting Nonprofits' Capacity to Do Evaluation”, Tech Networks of Boston ‘super roundtable’, Boston, MA, December 13, 2017.
- “Community-Engaged Operations Research: Trends, New Frontiers and Current Applications”, University of Michigan Department of Industrial and Operations Engineering, Ann Arbor, MI, December 1, 2017.
- Session chair and presenter, “Strengthening the Profession through Diversity, Inclusion and Equity: Best Practices and Distinguished Practitioners”, INFORMS Fall National Conference, Houston, TX, October 24, 2017.
- “All Models are Wrong; Some Models are Harmful” (with David Hunt, lead presenter), INFORMS Fall National Conference, Houston, TX, October 22, 2017.
- “Improving Decision-Making Skills of Nonprofit Professionals” (with George Chichirau and Jason Wright), INFORMS Fall National Conference, Houston, TX, October 22, 2017.
- Session panelist, “Democracy in the Age of the Smart City”, Making ‘Smart Cities’ Smart, Boston, May 12, 2017
- “Strategies for Graduate Teaching to Promote Active Learning and Engagement with Issues of Diversity, Equity and Inclusion”, 11th Annual University Conference on Teaching, Learning and Technology, Boston, May 12, 2017.
- “From Data to Decisions at Your Nonprofit” (with George Chichirau and Jason Wright), Tech Networks of Boston ‘super roundtable’, Boston, MA, April 28, 2017.
- “Community-Based Research” (session chair), Boston Area Research Initiative Spring 2017 Conference: Data-Driven Research, Policy and Practice: Lessons from Boston, for Boston, Boston MA, March 10, 2017.
- “How Can School Districts in Shrinking Regions Remake Themselves to Support Their Communities? Policy and Operations Analysis for a Massachusetts School District” (with Monica Lamboy), Department of Public Policy and Public Affairs, University of Massachusetts Boston, February 22, 2017.
- “Community-Engaged Operations Research: Trends, New Frontiers and Opportunities”, Worcester Polytechnic Institute, Foisie Business School, Worcester, MA, February 17, 2017.
- “Community Data Analytics: Localized Data Analysis and Decision Modeling in the Era of ‘Big Data’ and ‘Smart Cities’”, 2017 Joint Mathematics Meetings of the American Mathematical Society and the Mathematical Association of America, Atlanta, GA, January 5, 2017.

2016:

- “Pro Bono Analytics: A Program by INFORMS to Match Members Willing to Volunteer Their Analytical Skills with Nonprofit Organizations Working in Underserved Areas or with Underserved Populations” (poster, with Rina Schneur [lead author], David Hunt, Victoria Chen, Jim Cochran, Arnold Greenland, Paul Rubin and Terry Cryan), INFORMS Fall National Conference, Nashville, TN, November 15, 2016.
- “How Can Value Elicitation in Adult Basic Education Support Learners’ Success in Goal-Setting Policy?” (presented; with Alma Biba [lead author]), INFORMS Fall National Conference, Nashville, TN, November 15, 2016.
- “Measuring Success: Community Analytics For Local Economic Development” (with Sandeep Jani), INFORMS Fall National Conference, Nashville, TN, November 14, 2016.
- “Pro Bono Analytics – Addressing Business Problems Faced by Nonprofit Organizations” (with David Hunt [lead author]), INFORMS Fall National Conference, Nashville, TN, November 14, 2016.

- “Estimating Strategic Impacts of Foreclosed Housing Redevelopment”, INFORMS Fall National Conference, Nashville, TN, November 13, 2016.
- “An Agenda for Diversity and Inclusion-related Research within OR/MS/Analytics” (with George Chichirau), INFORMS Fall National Conference, Nashville, TN, November 13, 2016.
- “Decision Modeling for Housing and Community Development: A Methodology for Evidence-Based Urban and Regional Planning”, 56th Annual Conference of the Association of Collegiate Schools of Planning, Portland, OR, November 3, 2016.
- “Community-Based Operations Research: Data Analytics and Decision Modeling for Community Development and Social Change”, Northeastern University Department of Mechanical and Industrial Engineering Seminar Series, Boston, MA April 8, 2016.
- Session presenter, “Democratic Pedagogy”, Center for Innovative Teaching, Pre-Tenure Faculty Seminar, University of Massachusetts Boston, March 8, 2016.
- “Community-Based Operations Research: Data Analytics and Decision Modeling for Community Development and Social Change”, University of Massachusetts INFORMS student chapter, Amherst, MA March 4, 2016.

2015:

- Session respondent/participant, “Activist Scholarship” and “Working Across Sectors”, Collaborative Research for Action and Equity in Education, National URBAN Conference, Boston, MA, November 14, 2015.
- “Community-Engaged Decision Modeling for Local Economic Development” (with Sandeep Jani), INFORMS Fall National Conference, Philadelphia, PA November 2, 2015.
- “Data and Analytics for Neighborhood Development: Smart Shrinkage Decision Modeling in Baltimore, Maryland” (with Justin Hollander and Eliza Davenport Whiteman), 14th International Computers in Urban Planning and Urban Management Conference (CUPUM), Cambridge, MA, July 9, 2015.
- “Researching What Matters *With* Community Members” (session chair), Data Day 2015, Boston, June 26, 2015.
- “Researching What Matters *With* Community Members: Session Introduction”, Data Day 2015, Boston, June 26, 2015.
- “Community Development Analytics: From Data to Decisions for Boston Main Streets” (with Sandeep Jani), Data Day 2015, Boston, June 26, 2015.
- “Advocacy, Rigor, and Collaborative Research” (session respondent), Collaborative Research for Action and Equity in Education, Urban Research Based Action Network & American Educational Research Association, Boston, April 30, 2015.

2014:

- “Publishing Community and Humanitarian Operations Research in High-Impact Journals” (panel participant and co-organizer), INFORMS Fall Annual Meeting, San Francisco, CA, November 11, 2014.
- “Community Impacts of Decision Modeling for Foreclosed Redevelopment” (with Alvine Sangang and Buki Usidame), INFORMS Fall Annual Meeting, San Francisco, CA, November 10, 2014.
- “Foreclosure/Decline Operations and Strategy Design for Community-Based Organizations” (with Justin Hollander, Jeff Keisler, Senay Solak and Dave Turcotte), INFORMS Fall Annual Meeting, San Francisco, CA, November 9, 2014.
- “Data and Analytics for Neighborhood Development: Smart Shrinkage Decision Modeling in Baltimore, Maryland” (with Justin Hollander and Eliza Davenport Whiteman), Association of Collegiate Schools of Planning 54th Annual Conference, Philadelphia, PA, November 1, 2014.

- “Strategy Design for Community Response to Distress and Decline using Data Analytics”, Department of Urban Studies and Planning Research Seminar, Massachusetts Institute of Technology, October 21, 2014.
- “What Nonprofits Need to Know about Data and Analytics”, Tech Networks of Boston roundtable, Boston, MA, October 10, 2014.
- “Strategy Design for Community Response to Distress and Decline using Data Analytics”, Department of Public Policy and Public Affairs Research Seminar, University of Massachusetts Boston, September 23, 2014.
- “What Nonprofits Need to Know about Data and Analytics”, Tech Networks of Boston roundtable, Boston, MA, September 12, 2014.
- “Data, Analytics and Community-Based Organizations: Transforming Data to Decisions for Community Development”, Technological Innovation in Government Symposium, University of Massachusetts Boston, Boston, MA, April 5, 2014.
- Panel chair, “A Discussion of Growth and Contraction in Québec and New England”, Planning for the Possible: Visionary Planning for Québec and New England, Tufts University, Medford, MA, March 28, 2014.
- “Data, Analytics and Community-Based Organizations: Transforming Data to Decisions for Community Development”, Big Data Future, Ohio State University, Columbus, OH, March 21, 2014.

2013:

- “Parcel-Level Redevelopment Strategies for Distressed Neighborhoods” (with Justin Hollander), INFORMS Fall Annual Meeting, Minneapolis, MN, October 8, 2013.
- “Community-Based Analytics: Big Data and Decision Modeling for Community-Based Organizations”, INFORMS Fall Annual Meeting, Minneapolis, MN, October 6, 2013.
- “Data, Analytics and Community-Based Organizations”, Data Day 2013, Boston, June 21, 2013.
- “Analytically-Powered Decision-Making for Community-Based Organizations”, Code for Boston – Boston Civic Expo, Boston, May 31, 2013.
- “Decision Modeling for Local Housing Development: ‘Strategic Value’ and Other Social Impact Measures”, Department of Industrial and Systems Engineering, Rensselaer Polytechnic Institute, April 24, 2013.
- “Community-Based Operations Research: Decision Modeling for Local Impact and Diverse Populations”, Global Governance Symposium, University of Massachusetts Boston, February 5, 2013.

2012:

- “Maintain, Demolish, Re-purpose: Policy Design for Vacant Land Management using Decision Models” (with Justin Hollander), Department of Public Policy and Public Affairs Seminar Series, University of Massachusetts Boston, December 4, 2012.
- “Restructuring Neighborhoods: Foreclosed Housing and Redevelopment Strategies in Distressed Communities” (with David Turcotte, lead presenter), Economic and Social Development of Regions Graduate Program Seminar Series, University of Massachusetts Lowell, Lowell, MA, November 5, 2012.
- “Maintain, Demolish, Re-purpose: Policy Design for Vacant Land Management using Decision Models” (with Justin Hollander), 53rd Annual Meeting of the Association of Collegiate Schools of Planning, Cincinnati, OH, November 3, 2012.
- “Workplace Affinity Groups: A Comparison of Private and Public Sector Experiences” (with Georgianna Melendez, lead presenter), Northeast Conference on Public Administration Annual Conference, Boston, MA, November 2, 2012.

- “Values Structuring and Strategy Design for Housing and Community Development” (with Rachel Drew, Jeff Keisler and David Turcotte), INFORMS Fall Annual Meeting, Phoenix, AZ, October 16, 2012.
- “Maintain, Demolish, Re-purpose: Policy Design for Vacant Land Management using Decision Models” (with Justin Hollander and Alma Hallulli), INFORMS Fall Annual Meeting, Phoenix, AZ, October 16, 2012.
- “Values, Objectives, and Decisions: Using Community-Based Operations Research for Neighborhood Redevelopment” (with Rachel Drew, Jeff Keisler and David Turcotte), Department of Public Policy and Public Affairs, University of Massachusetts Boston, May 8, 2012.
- “How Can Diversity Management Make a Difference? Massachusetts' Commonwealth Compact Initiative” (with Georgianna Melendez, lead author), National Forum for Black Public Administrators FORUM 2012, Virginia Beach, VA, April 23, 2012.
- “What Social Impacts of Foreclosed Housing Redevelopment are Important to Local Actors? How Can We Measure Them?” (with Rachel Drew), New England Study Group, Federal Reserve Bank of Boston, Boston, MA, February 16, 2012.

2011:

- “Decision Models for Residential Housing Planning in an Era of Municipal Shrinkage” (with Justin Hollander, Alma Hallulli and Ching-Mei Lin), INFORMS Fall Annual Meeting, Charlotte, NC, November 13, 2011.
- “Social Impacts of Foreclosed Housing Acquisition and Redevelopment” (with Rachel Bogardus Drew, Jeffrey Keisler, David Turcotte and Emily Vidrine), INFORMS Fall Annual Meeting, Charlotte, NC, November 14, 2011.
- “Decision Models for Residential Housing Planning in an Era of Municipal Shrinkage” (with Justin Hollander and Alma Hallulli), INFORMS Northeast Regional Conference, Amherst, MA, May 7, 2011.
- “Social Impacts of Foreclosed Housing Acquisition and Redevelopment” (with Rachel Bogardus Drew, Jeffrey Keisler, David Turcotte and Emily Vidrine), INFORMS Northeast Regional Conference, Amherst, MA, May 7, 2011.

2010:

- “Foreclosed Housing Selection using Multi-Criteria Decision Models” (with Jeffrey Keisler, Rachel Bogardus Drew, Senay Solak, Armagan Bayram, David Turcotte and Emily Vidrine), INFORMS Fall 2010 Annual Meeting, Austin, TX, November 10, 2010.
- “Community-Based Operations Research: Decision Modeling for Local Impact and Diverse Populations”, INFORMS Fall 2010 Annual Meeting, Austin, TX, November 9, 2010.
- “Policy and Practice for Foreclosed Housing Acquisition and Community Redevelopment” (with Jeffrey Keisler, Rachel Bogardus Drew, Senay Solak, Armagan Bayram, David Turcotte and Emily Vidrine), Department of Public Policy and Public Affairs seminar series, October 4, 2010; Symposium on “The Great Recession: Impacts and Responses”, The Research Center for Urban Cultural History, University of Massachusetts Boston, October 28, 2010.
- “Improving Policy Design and Practice for Acquisition and Redevelopment of Foreclosed Residential Housing in Urban Communities” (with David Turcotte and Rachel Bogardus Drew), Federal Reserve Bank of Cleveland 2010 Policy Summit, Cleveland, OH, June 9, 2010.

2009:

- “Decision Modeling for Foreclosed Housing Redevelopment” (with David Turcotte and Rachel Bogardus Drew), INFORMS Fall national conference, San Diego, CA, October 13, 2009.
- “How Can Community-Based Practitioners Improve Planning and Operations with Management Science?”, INFORMS Fall national conference, San Diego, CA, October 13, 2009.

“Social Network and Technology Adoption: A Study in Ambulatory Healthcare” (with Kai Zheng (lead author), Rema Padman, David Krackhardt and Herbert Diamond), INFORMS Fall national conference, San Diego, CA, October 11, 2009.

“Decision Modeling for Foreclosed Housing Acquisition and Neighborhood Stabilization”, Federal Reserve Bank of Boston, July 23, 2009.

2008:

“The U.S. Housing Crisis: How Did We Get Here? How Can Public Policy Stabilize Communities and Markets?”, Department of Public Policy and Public Affairs, University of Massachusetts Boston, December 1, 2008.

“What Foreclosed Homes Should a Municipality Purchase to Stabilize Vulnerable Neighborhoods?” (with David Turcotte and Felicia M. Sullivan), John Glenn School of Public Affairs, Ohio State University, October 31, 2008.

“OR and Public Policy in the Large and in the Small: Linking Models to Outcomes”, INFORMS Fall national conference, Washington, D.C. October 15, 2008.

“When Users Pledge to Take Green Actions, Are They Solving a Decision Problem?” (with Susan Fussell, Jennifer Mankoff, Deanna Matthews and Leslie Setlock), INFORMS Fall national conference, Washington, D.C. October 15, 2008.

“What Foreclosed Homes Should a Municipality Purchase to Stabilize Vulnerable Neighborhoods?” (with David Turcotte and Felicia M. Sullivan), INFORMS Fall national conference, Washington, D.C., October 12, 2008.

“What Foreclosed Homes Should a Municipality Purchase to Stabilize Vulnerable Neighborhoods?” (with David Turcotte and Felicia M. Sullivan), Eleventh International Symposium on Locational Decisions (ISOLDE XI), Santa Barbara, CA, July 1, 2008.

“Community-Based Operations Research” (with Karen Smilowitz), INFORMS Southwest Regional Conference, College Station, TX, April 18, 2008.

2007:

“How Do Problem Representation and Decision-Making Styles Influence Decision Performance?” (with Susan Fussell, Jennifer Mankoff, Deanna Matthews and Leslie Setlock), INFORMS Fall national conference, Seattle, WA, November 4, 2007.

“Social Network and Technology Adoption: A Study in Ambulatory Healthcare” (with Kai Zheng, lead author, and Rema Padman and Herbert Diamond), INFORMS Fall national conference, Seattle, WA, November 4, 2007.

“How Should We Rebuild New Orleans? A Math Programming Model for Post-Disaster Reconstruction” (with Changmi Jung, lead author, and Justin Williams), INFORMS Fall national conference, Seattle, WA, November 4, 2007.

“Community-Based Operations Research” (with Karen Smilowitz), INFORMS Fall national conference, Seattle, WA, November 4, 2007.

“Mathematical Models for Post-Disaster Reconstruction Planning in Urban Areas” (with Changmi Jung, lead author), Tulane Engineering Forum, May 11, 2007.

“Decision Modeling for Affordable Housing and Sustainable Community Development”, Department of Public Policy and Public Affairs, John W. McCormack Graduate School of Policy Studies, University of Massachusetts Boston, March 6, 2007.

“Economic Models in Housing Policy Design”, Department of Urban and Environmental Policy and Planning, Tufts University, February 23, 2007.

Teaching:

University of Massachusetts Boston:

Public Policy PhD

- PPOL-G 746 GIS for Public Policy (Spring 2017; Spring 2015; Spring 2013; Spring 2011)
- PPOL-G 630 Research Methods I (Spring 2017; Fall 2007)
- PPOL-G 704 Research Methods II (Spring 2018, Fall 2016, Spring 2016, Spring 2015; Fall 2013, Fall 2012)
- PPOL-G 697 Special Topics: Housing Policy (Spring 2016, Fall 2014), Pro-Seminar (Fall 2011), GIS for Public Policy (Spring 2008)
- PPOL-G 891 Dissertation Workshop (Fall 2013)
- PPOL-G 780/781 Policy Planning and Program Development I/II (“Practicum”)
 - Fall 2012/Spring 2013: “Program Design and Evaluation for LIFT-Boston’s Circle of Promise Collaboration”
 - Fall 2009/Spring 2010: “Design and Implementation of Strategies for Green Health Practice at Beth Israel Deaconess Medical Center”
 - Fall 2008/Spring 2009: “Assessment of Member Impact for the Massachusetts Association of Community Development Corporations (MACDC)”
- PPOL-G 795 Independent Study:
 - “Housing First Across the Sub-Populations: Is Housing First a ‘One-Size-Fits-All’ Policy Approach for Ending U.S. Homelessness?”, Summer 2017: Caitlin Carey
 - “Community-Based Operations Research”, Fall 2016: Charla Barnett, George Chichirau; Summer 2015: Alexander Wilkocki, Fall 2012: Merritt Hughes, Hyun-Jung Lee
 - “Qualitative Methods for Community Development”, Summer 2015: Anthony Martin
- Internship elective
 - Fall 2013: “Gender and Disability Policy in Developing Countries” (Ana Marie Sanchez)
 - Fall 2013: “Program Evaluation for a Proposed Massachusetts Senate Bill on Veterans Benefits” (Ryan McLane)
 - Spring 2013: “Investigating Health Disparities After the 2006 Massachusetts Health Care Reform” (Omobukola Usidame)
 - Spring 2012: “Attitudes about Homeownership Following the Recent Recession and Housing Market Downturn” (Rachel Drew)
 - Spring 2012: “ABCD, Inc., Place-Based Initiatives, and Applied Learning” (Michael Berardino)
- Guest lectures
 - PUBADM 601 New England Political Environment, “Housing, Policy Analysis and Information Technology”, April 20, 2016
 - PPOL-G 630 Research Methods I, “Prescriptive Modeling for Policy Analysis and Design”, March 26, 2012, April 26, 2010, December 2, 2008
 - PPOL-G 891 Dissertation Seminar, “Assembling a Doctoral Dissertation Committee”, October 28, 2009

- PAF-G 627: Case Study Seminar, “Introduction to Data Analysis using Microsoft Excel”, March 13, 2008

Master of Science in Urban Planning and Community Development

- UPCD 620 Analytic Methods for Urban Planning and Community Development (Fall 2017, Fall 2016, Fall 2015)

Master of Science in Public Affairs

- PAF-G 620 Analytic Skills for Policy Analysis I (Spring 2009, Spring 2008)
- PAF-G 691 Case Study Seminar (advisor)
 - Spring 2013: “SoftSecond Program: The Housing Stabilization Program That Addresses the Sub Prime Mortgage Crisis” (Hamilton Rodrigues)
 - Spring 2012: “Workplace Affinity Groups as a Best Practice Model” (Georgianna Melendez; finalist, best capstone award)
 - Spring 2012: “How Effective is the Green Communities Act Grant Program?” (Robert Milt)
 - Spring 2011: “The Stats Are In: An Evaluation of the Massachusetts Division of Marine Fisheries Statistics Project Trip-Level Reporting Program After One Year” (Story Reed)
 - Spring 2010: “Public Transit in Boston: A Catalyst for Economic Development?” (John Harding; best capstone award)
 - Spring 2009: “Introduction to Chronic Disease Management and State Initiatives in Massachusetts and Vermont” (Whitney Jones; best capstone award)
- PAF-G 795 Independent Study: “Introduction to Geographic Information Systems” (Spring 2009; John Harding)
- Guest lectures
 - PAF-G 627: Case Study Seminar, “Introduction to Data Analysis using Microsoft Excel”, March 13, 2008

Master of Public Administration

- PUBADM 652 Policy Workshop: Introduction to Geographic Information Systems (October 2017)

Master of Public Administration in Global Comparative Public Administration

- PUBADM 620 Analytic Skills I: Skills for Policy Analysis (Fall 2017) [in-person; cross-listed with UPCD 620 Analytic Methods for Urban Planning and Community Development]
- PUBADM 620 Analytic Skills I: Skills for Policy Analysis (Fall 2017) [on-line]

Bachelor of Arts

- HONORS 490 Mayor’s Symposium: Housing for a Changing City (Spring 2018)

Carnegie Mellon University:

- 90-815 Decision Support Systems (Spring 2004 – Spring 2007)
- 90-772 Operations Research for the Public Sector (Fall 2003, Fall 2005 – Fall 2006, Spring 1998 – Spring 2001, Spring 2003)
- 90-747 Cost-Benefit Analysis (Spring 2004 – Spring 2007, Fall 2001 – Fall 2002)
- 90-728 Management Information Systems (Fall 1998 – Fall 2000)

- Systems Synthesis 90-739:
 - Fall 2006: “Pittsburgh 2008: The Science and Technology High School” (with Gordon Lewis)
 - Spring 2006: “Performance Evaluation of Children, Youth & Families Service Providers in Allegheny County”
 - Spring 2005: “Designing Outcomes Evaluation for Human Services”
 - Summer 2004: “Pittsburgh Purchasing Power Profiles”
- Systems Synthesis I and II 90-739/740:
 - Fall 2002/Spring 2003: “Cyber Lounge At Wilkinsburg”
 - Fall 2001/Spring 2002: “Low-Income Housing Search Assistance on the Web”
 - Fall 2000/Spring 2001: “Designing an Electronic Alert System for Social Service Organizations” (with Gordon Lewis)
 - Fall 1999/Spring 2000: “Physician Reminder System for the Practice of Evidence-Based Medicine at Western Pennsylvania Hospital” (with Rema Padman)
- Information Systems Project 95-720:
 - Fall 2003: “A Learning Management System for Educational Enrichment”
 - Summer 2003: “Development of a Client Counseling and Tracking System for the Urban League of Pittsburgh, Inc. Housing Department”
 - Summer 2000: “Physician Reminder System for the Practice of Evidence-Based Medicine at Western Pennsylvania Hospital” (with Rema Padman and John Engberg)

Other Institutions:

- Guest lecture
 - UEP 0227-01: Reflections on Urban Justice & Sustainability, “Community-Engaged Operations Research: Decision Modeling for Local Impact and Social Change”, Tufts University, August 25, 2017.

Academic Service:

Editorial Board:

I/S: A Journal of Law and Policy for the Information Society (published by The Moritz College of Law, The Ohio State University and H. John Heinz III School of Public Policy and Management, Carnegie Mellon University), July 2004 – present

Socio-Economic Planning Sciences: The International Journal of Public Sector Decision-Making (published by Pergamon), July 2004 – present

Seminar/Conference Organizer:

Department of Public Policy and Public Affairs research seminar series, September 2008 – June 2012

INFORMS 2006 Conference Planning Committee (Chair: Mike Trick, Tepper School), March 2004 – November 2006. Co-chair: Invited Tutorials; cluster chair: Tutorials; committee member: Teachers Workshop

Carnegie Mellon University/University of Pittsburgh Applied Decision Modeling Seminar Series, October 2001 – April 2004 (with Matthew Bailey, University of Pittsburgh)

Section on Location Analysis conference sessions, Institute for Operations Research and the Management Sciences, October 1999 – October 2004

Advising and Research Supervision:

(a) *Doctoral Dissertations and Master's Theses Completed:*

- Chae Man (Jay) Lee (Department of Gerontology, University of Massachusetts Boston), “Understanding the Role of Driver, Vehicle, Environment, and Policy Factors in Crash Injury Severity among Older Adults in the United States”, graduation May 2017 (Elizabeth Dugan, Gerontology Department, committee chair)
- Alvine Sangang (Department of Public Policy and Public Affairs, University of Massachusetts Boston), “Addressing University Graduates’ Employability in Sub-Saharan Africa: A Case Study Of Cameroon”, graduation May 2017 (**committee co-chair**, with Francine Menashy, College of Education and Human Development)
- Ryan Whalen (Department of Public Policy and Public Affairs, University of Massachusetts Boston), “Performance Management and Decision-Making in State Agencies: The Case of Massachusetts”, graduation May 2017 (Heather MacIndoe, committee chair)
- Alma Hallulli (Department of Public Policy and Public Affairs, University of Massachusetts Boston), ““Whose Goals Am I Meeting?” Policy and Practice Dilemmas in Adult Basic Education in the Era of Accountability”, graduation December 2016 (**committee chair**)
- David Nieto (Department of Public Policy and Public Affairs, University of Massachusetts Boston), “The Politics of Official English: Exploring the Intentions and Outcomes Behind English-Only Policies in the United States”, graduation May 2016 (**dissertation committee co-chair**, with Lilia Bartolomé, Department of Applied Linguistics)
- Carlos Maynard (Department of Public Policy and Public Affairs, University of Massachusetts Boston), “Factors Other than Language Ability that Influence the Educational Attainment of Latino/as Attending Predominantly Elite Universities in The United States”, graduation May 2015 (**capstone advisor**)
- John Quinn (Department of Public Policy and Public Affairs, University of Massachusetts Boston), “A Fresh Perspective: Public Choice Theory and the Massachusetts Legislator”, graduation December 2014 (**dissertation committee chair**)
- Brandynn Holgate (Department of Public Policy and Public Affairs, University of Massachusetts Boston), “Economic Development in the Massachusetts Life Sciences Cluster: Shared Prosperity or a Big Tradeoff?”, graduation December 2014 (Mary Stevenson, Department of Economics (retired), dissertation committee chair)
- Rachel Drew (Department of Public Policy and Public Affairs, University of Massachusetts Boston), “Constructing the American Dream: How Beliefs Influence Decisions About Homeownership”, graduation May 2014 (**dissertation committee chair**). Recipient: HERA Tessie Agan graduate paper award, September 2014.
- Armagan Bayram (Isenberg School of Management, University of Massachusetts Amherst), “Stochastic Dynamic Optimization Models for Societal Resource Allocation”, graduation May 2014 (Senay Solak, dissertation committee chair)
- Yun-Shang Chiou (School of Architecture, Carnegie Mellon University), “A Human-Physical Integrative Household System Modeling Method for the Occupant-Driven Residential Building Energy Simulation Model”, graduation May 2010 (Khee-Poh Lam, dissertation committee chair)
- Hakan Yildiz (Tepper School of Business, Carnegie Mellon University), “Methodologies and Applications for Scheduling, Routing & Related Problems”, graduation May 2009 (Michael Trick, dissertation committee chair)

- Jianhua Xu (Department of Engineering and Public Policy, Carnegie Mellon University), “Essays in Environmental Decision Making: Planning for Real-Time Contaminant Detection in Water Supply Networks”, graduation May 2008 (Paul Fishbeck and Mitchell Small, dissertation committee co-chairs)
- Kai Zheng (Heinz School of Public Policy and Management, Carnegie Mellon University), “Design, Implementation, User Acceptance, and Evaluation of a Clinical Decision Support System for Evidence-Based Medicine Practice”, graduation May 2007 (**dissertation committee co-chair**, with Rema Padman). Recipient, William W. Cooper Doctoral Dissertation Award, May 11, 2007.
- Angela Williams Foster (Heinz School of Public Policy and Management, Carnegie Mellon University), “Racial Disparities in Homeownership”, graduation December 2000 (Jacqueline Cohen, dissertation committee chair)

(b) *Doctoral Dissertations and Master’s Theses in Progress:*

- Namesh Killemsetty, Department of Public Policy and Public Affairs, University of Massachusetts Boston (housing and community revitalization in urban areas in India; September 2017 – present; Amit Patel, committee chair)
- Jeffrey Moyer, Department of Public Policy and Public Affairs, University of Massachusetts Boston (Politics, policy and community change associated with cannabis legalization in the United States; May 2017 – present; Mark Warren, committee chair)
- Caitlin Carey, Department of Public Policy and Public Affairs, University of Massachusetts Boston (Homelessness policy in the United States; January 2017 – present; **committee chair**)
- Maria Angelica Pavez Garcia, Department of Public Policy and Public Affairs, University of Massachusetts Boston (Theoretical perspectives on policy failure, and a case study of a national census; January 2015 – present; dissertation proposal approved November 2016; **committee co-chair**, with Amy Smith)
- Ryan McLane, Department of Public Policy and Public Affairs, University of Massachusetts Boston (Military veterans, social policy and service provision; November 2016 – present; **committee chair**)
- Sarah Kluck Jalbert, Department of Public Policy and Public Affairs, University of Massachusetts Boston (Prescription drug policy, education outcomes and criminal offending; August 2016 – present; **committee chair**)
- Sushmita Subedi, Department of Public Policy and Public Affairs, University of Massachusetts Boston (Education policy implementation in Nepal; June 2016 – present; dissertation proposal approved May 2017; Amy Smith, committee chair)
- Rumel Mahmood, Department of Public Policy and Public Affairs, University of Massachusetts Boston (cultural competency and racial/ethnic disparities in health care; June 2016 – present; Eddie Miller, Department of Gerontology, committee chair)
- Rose Nyaondo, Department of Public Policy and Public Affairs, University of Massachusetts Boston (Gender and political leadership in Kenya; April 2016 – present; dissertation proposal approved May 2017; Ann Bookman, Center for Women in Politics and Public Policy, committee chair)
- Elizabeth Brown, Department of Public Policy and Public Affairs, University of Massachusetts Boston (Evaluation of CLAS standards implementation at the Massachusetts Department of Public Health; April 2016 – present; thesis for terminal Masters in Public Policy; **thesis chair**)
- Charla Burnett, Department of Conflict Resolution, Human Security and Global Governance, University of Massachusetts Boston (cost-effectiveness analysis of participatory geographic information systems, November 2015 – present; dissertation proposal to be presented December 2017; **committee chair**)
- Hsin-Ching Wu, Department of Public Policy and Public Affairs, University of Massachusetts Boston (Role of Massachusetts General Council in state cultural policy; May 2015 – present; dissertation proposal approved June 2015; Michael Ahn, committee chair)

- Hyun-Jung Lee, Department of Public Policy and Public Affairs, University of Massachusetts Boston (Analysis of health outcome disparities associated with health care and health insurance reform; February 2015 – present; dissertation proposal approved December 2015; **committee chair**)
- Colleen Manning, Department of Public Policy and Public Affairs, University of Massachusetts Boston (Analysis of labor markets for family care providers; November 2011 – present; dissertation proposal approved April 2011; Randy Albelda, Department of Economics, committee chair)

(c) *Graduate Student Research Supervisors:*

- Jason Wright, Department of Public Policy and Public Affairs, University of Massachusetts Boston (policy design and analysis, community-based operations research, January 2017 – present)
- George Chichirau, Department of Public Policy and Public Affairs, University of Massachusetts Boston (community-based operations research, municipal shrinkage and planning support systems, September 2015 – present)
- Sandeep Jani, Department of Public Policy and Public Affairs, University of Massachusetts Boston (data, analytics and community-based organizations, September 2013 – present)
- Omobukola Usidame, Department of Public Policy and Public Affairs, University of Massachusetts Boston (vacant land redevelopment, May 2013 – January 2014; foreclosed housing acquisition and redevelopment, June 2014 – May 2015)
- Hyun-Jung Lee, Department of Public Policy and Public Affairs, University of Massachusetts Boston (vacant land redevelopment, January – July 2013)
- Alvine Sangang, Department of Public Policy and Public Affairs, University of Massachusetts Boston (minority STEM student achievement, foreclosed housing acquisition and redevelopment, September 2012 – August 2014)
- Merritt Hughes, Department of Public Policy and Public Affairs, University of Massachusetts Boston (environmental policy, community-based operations research, vacant land redevelopment; September 2012 – May 2013)
- Ching-Mei Lin, Department of Public Policy and Public Affairs, University of Massachusetts Boston (vacant land redevelopment, September 2009 – June 2012)
- Felicia Sullivan, Department of Public Policy and Public Affairs, University of Massachusetts Boston (housing and community development, September 2007 – August 2009)
- Osman Ozaltin, Department of Industrial Engineering, University of Pittsburgh (senior services network design, May 2007 – May 2011)
- Changmi Jung, Heinz School of Public Policy and Management, Carnegie Mellon University (housing and community development, May 2005 – February 2009)
- Keith Hunter, Heinz School of Public Policy and Management, Carnegie Mellon University (agent – based models and social network analysis for organizational design, August 2003 – August 2007)
- Gaurav Kataria, Heinz School of Public Policy and Management, Carnegie Mellon University (locational outcomes for Housing Choice Voucher program participants, November 2002 – December 2004)

(d) *Academic Advisor:*

- George Chichirau (second-year Public Policy PhD), Kristen Halbert, Michael Monestime, Heather McLean (Urban Planning and Community Development master's program): 2016 - 2017
- Ryan McLane (fourth-year Public Policy PhD), Maria Angelica Pavez Garcia (third-year Public Policy PhD): 2014 - 2015

- Maria Angelica Pavez Garcia, Hyun-Jung Lee (second-year Public Policy PhD), Ryan McLane, Matthew Poirier, Ana Maria Sanchez, Omobukola Usidame (third-year Public Policy PhD): 2013 - 2014
- Hsin-Ching Wu (third-year Public Policy PhD), Lisa Kalimon, Ryan McLane, Matthew Poirier, Ana Maria Sanchez, Omobukola Usidame (second-year Public Policy PhD): 2012 - 2013

Referee:

(a) *Journals*

Annals of Operations Research, Cities, Applied Geography, City and Community, Environment and Planning A, Environment and Planning B, Environmental Modeling and Assessment, EURO Journal on Decision Processes, European Journal of Operational Research, Housing Policy Debate, Interfaces, IIE Transactions, International Journal of Industrial Engineering, International Journal of Sustainable Transportation, International Journal of Operations and Quantitative Management, INFOR: Information Systems and Operational Research, Information & Management, Journal of Geographical Systems, Journal of Planning Literature, Journal of Urban Affairs, Land Use Policy, Management Science, Manufacturing and Service Operations Management, Networks and Spatial Economics, OMEGA, Operations Research, Papers in Regional Science, Socio-Economic Planning Sciences, Urban Affairs Review, Urban Geography

(b) *Conferences and Funding Proposals*

- Conference on Information Systems and Technology, May 1998
- Multi-Echelon Public Applications of Supply Chain Research 2006 Conference
- National Science Foundation

(c) *Books*

- *Handbook of Computer Networks*
- Book manuscript on suburban poverty

Committees:

University of Massachusetts Boston

- Steering committee, Center for Innovative Teaching, October 2017 - present
- Promotion committee, College of Nursing and Health Sciences, October 2017 - present
- Director, Municipal Managers track, Masters of Public Administration program, Department of Public Policy and Public Affairs, June 2017 – present
- Masters of Public Affairs accreditation self-study committee, May 2017 – present
- Ad-hoc Department Personnel Committee for Tenure Review, Department of Public Policy and Public Affairs, May 2017 – present
- Academic Affairs Committee, McCormack Graduate School of Policy and Global Studies, October 2016 – present.
- Ad-hoc Department Personnel Committee for Tenure Review, Department of Public Policy and Public Affairs, May – October 2016 (chair)
- Urban Planning and Community Development program planning committee, School for the Environment, August 2015 – present
- Admissions Committee, Public Policy PhD program, September 2016 – present; January 2012 – August 2013 (chair)

- MacArthur Foundation 100&Change Proposal Development Committee, July – October 2016
- College Personnel Committee, McCormack Graduate School of Policy and Global Studies, September 2015 - present
- Undergraduate General Education Review Committee, NEASC Accreditation, March 2015 – March 2016
- Doctoral Dissertation Research Grant Evaluation Committee, Office of Graduate Studies, May – June 2010; December 2014 – present
- Comprehensive Exam Committee, Department of Public Policy and Public Affairs, September 2014 – present (chair, September 2016 – present)
- Department Personnel Committee, Department of Public Policy and Public Affairs, September 2014 - present
- PhD Curriculum Committee, Department of Public Policy and Public Affairs, September 2014 – present
- Urban Planning and Community Development master's program development committee, December 2010 – August 2015
- Faculty Search Committee, Department of Public Policy and Public Affairs, September 2014 – March 2015
- Faculty mentor, College of Management, August – September 2014
- Faculty Search Committee, College of Public and Community Service, December 2013 – April 2014
- Faculty Search Committee, Department of Gerontology, November 2013 – March 2014
- Academic Programs Self-Study Committee, 2014 NEASC accreditation, October 2013 – April 2015
- Research Proposal Development Grant Review Committee, October 2012 – December 2013
- Faculty Search Committee, Department of Public Policy and Public Affairs, October 2013 – January 2014
- Social Media and Web Marketing Committee, Department of Public Policy and Public Affairs, April 2013 – May 2015
- Student Engagement Committee, Department of Public Policy and Public Affairs, March 2013 – May 2015
- Academic Affairs Committee, Public Policy PhD program, September 2012 – August 2014 (chair)
- ScholarWorks@UMass Boston development committee, February – June 2011
- Faculty Salary Anomalies Committee, November 2009 – June 2010
- Dispute Resolution Faculty Recruitment Committee, October 2008 – January 2009
- Department of Public Policy and Public Affairs Personnel Committee, August 2008 – August 2009 (chair)
- McCormack Graduate School Strategic Planning Steering Committee, April 2008 – June 2010
- Department of Public Policy and Public Affairs Faculty Recruitment Committee, October 2007 – April 2008; October 2008 – May 2009; September 2009 – May 2011 (chair); September 2011 – March 2015
- Robert C. Wood Visiting Professor Organizing Committee, November 2007 – present
- McCormack School Recruitment Committee, October 2007 – November 2009

Carnegie Mellon University

- Africana Studies Minor Committee (September 2006 – May 2007)
- Martin Luther King, Jr. Day 2007 Organizing Committee (October 2006 – January 2007)
- Diversity Committee (April 2002 – April 2003)
- Ph.D Committee (September 2001 – August 2007)
- Information Technology Faculty Recruiting Committee (September 2000 – March 2001)
- Plagiarism Committee (September 2000 – December 2000)
- Ad-Hoc Committee for Review of 90-728 Management Information Systems (Summer 1999)
- Master's Committee (September 1998 – May 2001)
- Core Committee (September 1998 – May 2001)

Advisory Boards, Review Panels and Professional Evaluation:

- External fourth-year reappointment review, College of Education and Human Development, University of Massachusetts Boston, September – October 2016)
- External promotion review, College of Professional Studies, Northeastern University, September - October 2015
- External tenure review, Isenberg School of Management, University of Massachusetts Amherst, May – November 2013
- National Science Foundation review panel, Building Community and Capacity, July 9 – 10, 2012
- Internal reviewer, Academic Quality Assessment and Development site visit, Graduate Masters Degree Program in Mental Health, Department of Counseling and School Psychology, College of Education and Human Development, University of Massachusetts Boston, April 2012
- U.S. Department of Justice, Office of Justice Programs solicitation, “FY 2009 Tribal Victim Assistance Discretionary Grant Program”, June – August 2009
- Dean's reappointment review committee, McCormack Graduate School of Policy Studies, University of Massachusetts Boston, September – December 2009
- Tenure review committee (chair), Department of Public Policy and Public Affairs, University of Massachusetts Boston, May 2016 – present; May – December 2014; July - November 2008
- U.S. Department of Justice, National Institute of Justice solicitation, “Operations Research Applied to Law Enforcement Operations”, June – August 2008
- Promotion review, Human Computer Interaction Institute, Carnegie Mellon University, July 16, 2007
- External tenure review, School of Public Affairs, Baruch College, April - June 2007
- Department of Industrial Engineering and Management Sciences Advisory Board, Northwestern University, April 2004 – present

Professional Service:

Organizations, Societies and Academic Initiatives

American Society for Public Administration (March 2013 – present)

- Massachusetts chapter
 - Vice President/Membership Chair (March 2013 – August 2015)

Association for Public Policy Analysis and Management (June 2000 – June 2008)

Institute for Operations Research and Management Sciences (October 1989 – present):

- Chair, Ad-Hoc Committee on Diversity (January 2016 – present)
- Vice-President, Chapters and Fora (January 2016 – December 2017)
- Chair, Chapters and Fora Committee (January 2016 – December 2017)
- Member, Pro Bono Analytics committee (November 2014 – present)
- Subdivisions Council (November 2011 – December 2015)
- INFORMS Governmental/Non-Profit Taskforce (July 2010 – November 2012)
- Section on Multiple Criteria Decision Making (January 2010 – present)
- Section on Public Sector OR (formerly Public Programs, Service and Needs) (January 2009 – present)
 - Past President (November 2011 – October 2012)
 - President (September 2010 – October 2011)
 - President-Elect (September 2009 – August 2010)
 - Secretary/Treasurer (January 2009 – August 2009)
 - Chair, Best paper competition committee (October 2010 – October 2012)
- Doing Good with Good OR – Student Competition (May 2008 – October 2012)
 - Co-chair (November 2010 – November 2011)
- Ad Hoc Committee on Diversity (April 2007 – December 2007)
- Section on Public Programs and Processes (November 2004 – December 2008)
- Pittsburgh 2006 National Conference Organizing Committee (March 2004 – November 2006)
- Section on Location Analysis (January 1996 – present)
 - Past President (November 2006 – October 2008)
 - President (October 2004 – October 2006)
 - Executive Vice-President (September 2000 – October 2004)
- Minority Issues Forum (January 1996 – present)

National Forum for Black Public Administrators

- National organization (October 2010 – present)
- Boston chapter (September 2008 – present)
 - President (June 2015 – present)
 - Vice President (March 2011 – June 2015)

Nonprofit Consultants Network of Boston, June – December 2014

Northeast Conference on Public Administration

- Committee to review submissions for best paper award, Fall 2012 conference, September – October 2012
- Committee to review presentation proposals for Fall 2012 conference, July 2012

University of Massachusetts Black Faculty & Staff Association (October 2007 – present)

- Co-president (June 2015 – present)
- Executive council (November 2011 – June 2015)

Urban Affairs Association (July 2007 – December 2012)

URBAN-Boston research node (July 2012 – present)

- Co-chair, Planning committee (July 2016 – present)
- Member, Planning committee (September 2012 – June 2016)

Professional Development

- College of Advancing and Professional Studies Online Instructor Professional Development, University of Massachusetts Boston, August 2017
- Center for Innovative Teaching (CIT) Seminar for Post-Tenure Faculty, University of Massachusetts Boston, Spring 2017
- National Association of Schools of Public Affairs and Administration (NASPAA) and Association for Public Policy Analysis and Management (APPAM) Doctoral Program Workshop, 2010 – 2011
- New England Resource Center for Higher Education (NERCHE) Department Chair's Think Tank, 2009 - 2011

External Activities:

Community Service

Co-organizer, URBAN.Boston community event: "Fighting for Education, featuring Dr. Barbara Ferman", Codman Academy, December 6, 2017 (with Soo Hong, Wellesley College).

Organizer and moderator, roundtable discussion, "Election 2017: What's At Stake for Communities of Color?", Grove Hall branch of the Boston Public Library, November 2, 2017 (Boston chapter of the National Forum for Black Public Administrators)

Faculty panelist, Planners of Color Interest Group of the Association of Collegiate Schools of Planning, Junior Faculty of Color Workshop on Tenure, Harvard Graduate School of Design, June 23, 2017.

Co-organizer and moderator, roundtable discussion, "Boston Ujima Project: Building a Community-Controlled Economy through Fundraising, Capacity-Building, Organizing and Advocacy", MassHousing, May 31, 2017 (Boston chapter of the National Forum for Black Public Administrators and Massachusetts chapter of the American Society for Public Administration)

Co-organizer and co-moderator, URBAN.Boston and BARI community event: "How Can Urban Researchers Engage Communities for Social Change?", Great Hall, Codman Square Health Center, February 8, 2017 (with Soo Hong, Wellesley College [URBAN.Boston] and Dan O'Brien, Northeastern University [Boston Area Research Initiative])

Co-organizer and moderator, roundtable discussion, "Black Lives Matter: From Direct Action to Policy Action", Grove Hall branch of the Boston Public Library, November 10, 2016 (Boston chapter of the National

Forum for Black Public Administrators, with UMass Boston Black Faculty, Staff and Students Association)

- Panelist, Tech Networks of Boston roundtable: “Educating, Training, and Placing the Nonprofit Data Analysts of the Future”, Bunker Hill Community College, July 20, 2016.
- Co-organizer and moderator, Harold Horton Urban Education Fund of the Trotter Institute and Black Faculty, Staff & Students at UMass Boston community event: “Courageous Conversations: Educating Tomorrow in Boston”, University of Massachusetts Boston, February 16, 2016 (with Barbara Lewis, Black Faculty Staff & Students)
- Co-organizer and moderator, URBAN.Boston community event: “The Boston Olympic Bid, Communities of Color, and the Future of Our City”, Freedom House, Boston, July 16, 2015 (with Nia Evans, NAACP Boston Chapter and Lindsay Morgia)
- Faculty panelist, Planners of Color Interest Group of the Association of Collegiate Schools of Planning, Junior Faculty of Color Workshop on Tenure, Harvard Graduate School of Design, June 19, 2015.
- Panelist, “Beyond Graduate School Success: Underrepresented Minorities in STEM”, Northwestern University, May 15, 2015, One Book One Northwestern 2014 – 2015.
- Co-organizer and moderator, URBAN.Boston community event: “Using Community-Based Data for Measurable Results”, Codman Academy, Boston, December 4, 2014 (with William Snyder and Rachele Gardner, YouthHub, Millenium Ten Initiative)
- Co-organizer and moderator, Public Service Symposium: “Transportation for Growth and Sustainability: Investing in our Region’s Future”, University of Massachusetts Boston, October 10, 2013 (with Prof. Michael Ahn, Department of Public Policy and Public Affairs; Massachusetts chapter, American Society for Public Administration; Boston chapter, National Forum for Black Public Administrators)
- Panelist, Robert C. Wood Visiting Professorship in Public and Urban Affairs: “Performance: Delivering Effective, Accountable, Trusted Government”, University of Massachusetts Boston, Tuesday, April 23, 2013 (featuring Shelley H. Metzenbaum, PhD, Associate Director for Performance and Personnel Management, Office of Management and Budget)
- Co-organizer and moderator, Public Service Symposium: “New Urban Mechanics: Driving Civic Innovation through Partnerships and Technology”, University of Massachusetts Boston, April 9, 2013 (with Prof. Michael Ahn, Department of Public Policy and Public Affairs; Massachusetts chapter, American Society for Public Administration; Boston chapter, National Forum for Black Public Administrators; Commonwealth Compact)
- Co-organizer and moderator, Public Service Symposium: “Diversity and Public Service in a Time of Change: Challenges and Opportunities”, University of Massachusetts Boston, April 17, 2012 (with Prof. Michael Ahn, Department of Public Policy and Public Affairs; Massachusetts chapter, American Society for Public Administration; Boston chapter, National Forum for Black Public Administrators; Commonwealth Compact)
- Organizer and moderator, roundtable discussion: “Race, Ethnicity and Urban Policy: What Role in National Politics?”, University of Massachusetts Boston, September 29, 2009 (with Boston chapter, National Forum for Black Public Administrators)
- Steering Committee and External Advisory Board, Senior Community Center Services System Transformation Project (Organizer: Allegheny County Area Agency on Aging), May 2006 – July 2007
- Forum participant, Community Meeting with Pittsburgh Public Schools Superintendent Mark Roosevelt (Organizer: Union Project and University of Pittsburgh Institute of Politics), May 10, 2006
- Pittsburgh Public Schools Gifted Task Force, May 2006 – May 2007
- Panelist, “It’s All About Choice”, Fair Housing Month Celebration (Organizer: Fair Housing Partnership of Greater Pittsburgh), April 17, 2006

Judge, The Great Global Sustainability Challenge (Organizer: Steinbrenner Institute for Global Education and Research and Carnegie Mellon University Sustainability Club), Saturday, April 8, 2006

Lunch Host, Fusion Forum (Organizer: Office of Vice Provost for Education), Friday, April 7, 2006

Judge, Deloitte Consulting Case Challenge, October 8, 2005

Pittsburgh Public Schools Committee on School Closings, September 2005 – February 2006.

Participant with Pittsburgh City Councilman Bill Peduto, Press Conference at City Council Chambers, March 7, 2005

- Advocacy for greater analytical rigor and transparency in recommendations for fire station closings

Research Committee, Pittsburgh Community Reinvestment Group, November 2004 – May 2007.

Carnegie Mellon University Community Partnerships Working Group, July 2004 – May 2007.

Participant, Pittsburgh City Council Cablecast Discussion on Fire/EMS Merger, Monday, December 15, 2003 (with Amy Jo Wendholt).

Advisory Board, Cyber Lounge at Wilkensburg, July 2003 – August 2006.

Moderator, Meet the Candidates Forum, City Council District 7 Special Election (Co-sponsors: Highland Park Community Club and East End Neighborhood Forum), February 18, 2003

Coro Center for Civic Leadership, Pittsburgh, PA, June 2002 – July 2003, July 2005:

- Interview participant, Coro Community Problem-Solving Fellows
- One-day “shadowing” exercise subject, Coro Community Problem-Solving Fellow

Weed and Seed Review Committee, City of Pittsburgh, September 2001 – August 2006.

Highland Park Community Development Corporation, Pittsburgh, PA, September 1999 – May 2006:

- Member, Board of Directors
- Director, Highland Park Community Plan
- Director, Mellon St. Public Safety Initiative

Urban League of Pittsburgh, Inc., Pittsburgh, PA, March 1999 – May 2006:

- Member, Housing Committee. Tasks: Development of housing counseling database, evaluation of feasibility of entering real estate development marketplace
- Assistance on agency-wide information technology strategy

Instructor, InfoLink Program, Pittsburgh, PA, May 1998 - August 1998; May 1999 - August 1999.

Consulting/Business

Quabbin (MA) Regional School District and Adams-Cheshire (MA) Regional School District, July 2016 – July 2017:

- School district redesign in response to resource limitations (Principal: Collins Center for Public Management, University of Massachusetts Boston)

Southwest Boston Community Development Corporation, Boston, MA, June 2008 – January 2009:

- Needs assessment for Hyde Park neighborhood of Boston (with Amy Helburn, Lucille Jones and Courtney Knapp)

Pittsburgh Public Schools, Pittsburgh, PA, February 2004:

- External consultant to Board of Directors (with Amy Wendholt and Bill Eddy).

- Evaluation of data and policy development process associated with resources realignment initiative

Health Care Quality (HCQ), Inc., Pittsburgh, PA, January 2003 – June 2006:

- Founding partner (with John Engberg, Kai Zheng, Herbert Diamond, M.D., Rema Padman and Andrew Garvin)
 - Development of decision support software for outpatient health care

City of Pittsburgh, PA, May 2000 – December 2000:

- External consultant to Department of City Planning (with C. Augustus Martin and Angela Williams Foster)
 - Produced Analysis of Impediments to Fair Housing in the City of Pittsburgh

Allegheny County, PA, September 1999 - December 1999:

- External consultant to Department of Economic Development (with C. Augustus Martin)
 - Produced Analysis of Impediments to Fair Housing in Allegheny County, PA

U.S. Environmental Protection Agency, Cincinnati, OH, August 1999 – January 2000:

- External consultant to Sustainable Technology Division
 - Produced white paper on environmental impacts of urban sprawl

School District of Philadelphia, Philadelphia, PA, July 1998 - October 1998:

- External consultant to Office of Standards, Equity and Student Services
 - Designed method to develop the eighth-grade student assignment process

Media Exposure:

DigBoston, November 1, 2017, “Front and center: Race plays into the boston mayoral election in more ways than you realize”, by Olivia Deng.

Boston Globe, July 11, 2017, “In Roxbury, 13 candidates fight for a council seat — and to preserve a community”, by Claire Parker.

Interfaces, January – February 2017, book review, *Decision Science for Housing and Community Development: Localized and Evidence-Based Responses to Distressed Housing and Blighted Communities* (Wiley, 2016), vol. 47, no. 1, pp. 106–108.

McCormack Speaks, “Reflections on October 19 Presidential Debate” (blog post), October 20, 2016: <http://blogs.umb.edu/mccormack-speaks/2016/10/20/reflections-on-october-19-presidential-debate/#more-227>.

Statistics Views, December 1, 2015, “Decision Science for Housing and Community Development: An interview with co-author Michael Johnson”. Web: <http://www.statisticsviews.com/details/feature/8624921/Decision-Science-for-Housing-and-Community-Development-An-interview-with-co-auth.html>.

INFORMS, October 28, 2015. “Pro Bono Analytics.” Webinar (with Quintus Jett, Rutgers – Newark): <https://www.brighttalk.com/webcast/11147/177139>.

Bay State Banner, July 22, 2015. “NAACP and URBAN Boston host Olympic bid and community goals discussion”, by Julie Pattison-Gordon.

Boston Herald, May 15, 2015. “Empty-Nesters Opting for City Life, Comfort”, by Adam Smith.

Socio-Economic Planning Sciences, Volume 46, Issue 3, September 2012. Review of *Community-Based Operations Research: Decision Modeling for Local Impact and Diverse Populations* (2011) by H.A. Eiselt.

The New York Times, April 2, 2012. “Investors Are Looking to Buy Homes by the Thousands”, by Mokoto Rich.

Institute for Operations Research and the Management Sciences *Science of Better* podcast, December 27, 2011, “Defender of Neighborhoods”; interview conducted by Barry List. Web: <http://www.scienceofbetter.org/podcast/johnson.html>.

Columbus Post-Dispatch, January 12, 2009, “Rehab Effort No Deal for City”, by Mark Ferenchik.

The Bulletin Newspapers, December 11, 2008, “SWBCDC Reviews Hyde Park Survey Results”, by Dana Forsythe.

Pittsburgh Post-Gazette, February 7, 2007, “CMU Students Devise a Plan for Sci-Tech High School in City”, by Joe Smydo.

Pittsburgh Tribune-Review, April 26, 2005. “Students Study Homeless Programs”, by Jeremy Boren

WDUQ-FM News, March 14, 2005 and March 15, 2005. “Fire Model.”

WDUQ-FM News, March 8, 2005. “Fire Contract to be Introduced into City Council Today.”

Pittsburgh Tribune-Review, March 8, 2005. “Peduto Criticizes Fire Station Closing Plan”, by Jeremy Boren.

Black Issues in Higher Education, January 13, 2005. “Solving the Housing Equation”, by Ronald Roach.

Pittsburgh Post-Gazette, September 7, 2004. “Added Economic Gauges” (Letter to the Editor), by Michael P. Johnson.

Pittsburgh Post-Gazette, August 8, 2004. “Study Shows Marketing Research on Neighborhoods Can Miss the Point”, by Alana Semuels.

The New Pittsburgh Courier, August 6, 2004. “Urban Buying Power Compared”, by Christian Morrow.

Pittsburgh Tribune-Review, July 14, 2004. “Response Records Show Zero Credibility”, by Eric Heyl.

Pittsburgh Post-Gazette, July 1, 2004. “Fire Bureau Reductions Need Not Result in Safety Reductions” (Letter to the Editor), by Michael P. Johnson.

Pittsburgh Post-Gazette, January 26, 2004. “Highland Park Looks at its Assets, Challenges”, by Jan Ackerman.

Pittsburgh Post-Gazette, September 10, 2003. “With No Help in Sight, Murphy to Create 2 City Budgets for 2004”, by Tom Barnes.

Black Issues in Higher Education, December 19, 2002. “Raising the Spotlight on Affordable Housing”, by Ronald Roach. Vol. 19, Issue 22.

Black Issues in Higher Education, December 19, 2002. “Making Information Technology Work for Public Housing”, by Ronald Roach. Vol. 19, Issue 22.

Institute for Operations Research and the Management Sciences, February 1, 2001. “New O.R. Model Tackles Conflicting Demands of Section 8 Housing Families, Communities: What-Ifs for Chicago Area” (press release).

Urban Reality, WAMO-AM, October 3, 1998. Host: Barbara Baulding, Urban League of Pittsburgh. Topic: “Local and National Public Housing Needs”.

Previous Experience:

Consultant, Strategic Systems International, Evanston, IL (February 1996 - August 1997)

Graduate Intern, Argonne National Laboratory, Argonne, IL (June 1996 - October 1996)

Analyst, BNSF Railway, Northbrook, IL (October 1995 – March 1996)

Teaching Assistant, Northwestern University, Evanston, IL (September 1995 - June 1996)

Research Assistant, Northwestern University Transportation Center, Evanston, IL (September 1995)

Graduate Intern, Andersen Consulting, Chicago, IL (June 1993 - August 1995)

Associate, Cleveland Consulting Associates, Mayfield Heights, OH (November 1990 - May 1993)

Teaching Assistant/Research Assistant, University of California at Berkeley, Berkeley, CA (Summer 1990)

Personal Details:

- Married; two boys
- Born in Chicago, IL
- Hobbies: listening to jazz and other creative music, volunteering, reading, and playing with my children