

AMY E. ROCK

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Education

Ph.D., Geography. Kent State University, Kent Ohio. May 2013.

Dissertation: *Economic Disparity in Appalachia: An Examination of Accessibility and Policy Factors*. (Advisor: David Kaplan)

M.A., Geography. Ohio University, Athens, Ohio. March 2005.

Thesis: *Identifying Spatial Patterns of Homelessness in Summit County, Ohio, Using GIS*. (Advisor: Hugh Bloemer)

B.G.S., Architectural History. Ohio University, Athens, Ohio. June 1992.

Graduated Cum Laude.

Professional Experience

Community Development Professional

Corporation for Ohio Appalachian Development, Athens, Ohio. March 2011-August 2012.

- Provide and facilitate professional development opportunities and capacity-building projects for COAD and its 17 member community action agencies. Direct the Appalachian Leadership Academy, a 12-month program to develop emerging nonprofit leaders in Appalachian Ohio.

Hocking.Athens.Perry Community Action, Glouster, Ohio. November 2009-March 2011.

- Project management and grant administration for Community Development Block Grants and other public funding sources, providing assistance from application through project completion for community groups and local officials in the tri-county region.

GIS/Technology Consultant

InfoGrow Corporation, Cuyahoga Falls, Ohio. July 2008-November 2009.

- Prepare and analyze marketing data using GIS tools. Significantly improved workflow for several recurring client projects to improve accuracy and reduce turnaround times.

Info Line, Inc., Akron, Ohio. November 2003 - December 2009.

- Work with area nonprofit organizations to assess technology and training needs and assist in grant preparation and technology planning to expand capacity and improve mission fulfillment.
- Develop and deliver curricula in Microsoft Office, website development, and desktop publishing; maintain registration database, class schedules and invoicing.

Ralph Tyler Companies, Cleveland, Ohio. July-December 2006.

- Develop and document methodology for specialized conversion areas and implement process flow for advanced digitization for Cleveland Water District Enterprise GIS project.

Prime ProData, Inc., North Canton, Ohio. August 2001-November 2003

- Develop curricula and conduct training sessions for clients and new employees in the use of company-developed software.

Forward Thought Cartographic and GIS Solutions, Athens, Ohio. November 2000-December 2009

- Freelance consultant, specializing in curricula development and delivery, creation and

integration of maps with print and electronic media.

Teaching Experience

Humboldt State University, Arcata, California

Lecturer and Faculty-in-Residence, Department of Geography, August 2014-present

Ohio University, Athens, Ohio.

Visiting Assistant Professor, Department of Geography, August 2012-August 2014.

Marietta College, Marietta, Ohio

Adjunct Faculty, McDonough Center for Leadership and Business, January-May 2012

Kent State University, Kent, Ohio

Teaching Assistant, August 2008-August 2011

Instructor/Adjunct, August 2007-August 2008

John Carroll University, University Heights, Ohio

Lecturer, January 2008-May 2009

Courses Taught

Introduction to GIS

Service Learning: Using GIS to Partner with Nonprofits

Data Visualization

Principles of Cartography/Cartography I

Advanced Cartography/Cartography II

Cartography Practicum

Introduction to Geography

Geography of the US and Canada

World Regional Geography

Global Leadership

Microsoft Outlook

Microsoft Office Suite (Word, Excel, PowerPoint, Publisher and Access)

QuickBooks

Awards & Certifications

University Fellowship, Kent State University

Isenogle Geography Award, Kent State University

Microsoft Master Instructor

Microsoft Office Specialist: Word (Expert), Excel (Expert), Outlook, PowerPoint

Ohio Community Development Professional

Publications

Peer Reviewed Publications

Rock, A. *Citizen Participation and Public Funding in Ohio* (under review).

Rock, A., and J. Taber. *Home Tweet Home: Can social media define a community?* (under review).

Rock, A., A. Mullett, S. Algharib, J. Schaffer and J. Lee. *Impact of Spatial Filtering on the Least Cost Path Method: Selecting a High-Speed Rail Route for Ohio's 3-C Corridor*. In *Geospatial Technologies and Advancing Geographic Decision Making*, IGI Global, March 2012.

Rock, A., A. Mullett, S. Algharib, J. Schaffer and J. Lee. *Impact of Spatial Filtering on the Least Cost Path Method: Selecting a High-Speed Rail Route for Ohio's 3-C Corridor*. *International Journal of Applied Geospatial Research*, Vol. 1, January 2010.

Mullett, A., A. Rock, S. Algharib, J. Schaffer and J. Lee. *Determining a Least Cost Route for High Speed Rail in Ohio's 3C Corridor*. *Papers of the Applied Geography Conference*, Vol. 32, October 2009.

Rock, Amy E. *Key Factors in Small Town Redevelopment in Appalachian Ohio*. *Papers of the Applied Geography Conference*, Vol. 31, October 2008.

Popular Press (Edited)

Rock, Amy E. *The African Burial Ground* [map series]. In: Andrea Frohne, *The African Burial Ground in New York City: Memory, Spirituality, and Space*. Syracuse, NY: Syracuse University Press, 2015.

Rock, Amy E. *Pacific Northwest Marinas* [map series]. In: Cathy Haden, Chris Haden and Elizabeth Adams-Smith, *Atlantic Cruising Club's Guide to Pacific Northwest Marinas*. Rye, NY: Jerawyn Publishing, 2007.

Rock, Amy E. *Chesapeake Bay Marinas* [map series]. In: Elizabeth Adams-Smith and Richard Y. Smith, *Atlantic Cruising Club's Guide to Chesapeake Bay Marinas*. Rye, NY: Jerawyn Publishing, 2006.

Rock, Amy E. *Salt trade and production routes by province* [map series]. In: Cecilia Chien, *Salt and State : An Annotated Translation of the Songshi Salt Monopoly Treatise*. Ann Arbor: University of Michigan Center for Chinese Studies, 2004.

Presentations

Conferences

Rock, A. *Citizen Participation and Public Funding in Ohio*. Presented at the American Association of Geographers Annual Conference, San Francisco, CA, April 2016.

Rock, A. *Behind the Redwood Curtain: Economic Access and Isolation*. Presented at the California Geographical Society Annual Meeting, May 2015.

Rock, A. and J. Taber. *Home Tweet Home: Can Social Media Define a Community?* Presented at the Association of American Geographers Annual Conference, Chicago, IL, April 2015.

Boyd., J. and A. Rock. *Enabling Cross-Platform Analysis Through Aspect Translation*. Presented at the Association of American Geographers Annual Conference, Tampa, FL, April 2014.

Rock, A. and J. Taber. *Home Tweet Home: Can Social Media Define a Community?* Presented at the Appalachian Studies Conference, Huntington, WV, March 2014

Rock, A. *Building Effective Teams*. Presented at the Mid-Ohio Valley Nonprofit Conference, Marietta, OH, May 2012.

Rock, A. *Citizen Participation and Public Funding in Ohio*. Presented at The Applied Geography

ROCK, Amy E.
Conference, Fort Worth, TX, October 2010.

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Mullett, A., A. Rock (Presenter), S. Algharib, J. Schaffer and J. Lee. *Determining a Least Cost Route for High Speed Rail in Ohio's 3C Corridor*. Presented at The Applied Geography Conference, Baton Rouge, LA, October 2009.

Rock, Amy E. *Key Factors in Small Town Redevelopment in Appalachian Ohio*. Presented at The Applied Geography Conference, Wilmington, DE, October 2008.

Invited Lectures and Workshops

Rock, A. *Mapping the Third Dimension*, 3D Workshop for Tribal GIS Professionals, Humboldt State University, May 2016.

Rock, A. *The "Appalachian Problem": A Fresh Perspective*. Geography Guest Speaker Series, Humboldt State University, February 2015.

Rock, A. *GIS That Matters: Connecting Classroom and Community*. Guest Lecture, Humboldt State University, September 2014.

Rock, A. *Public Speaking for Introverts*. Corporation for Ohio Appalachian Development, May 2014.

Rock, A. *Microsoft Excel for Nonprofit Organizations*. Mid-Ohio Valley Nonprofit Leads, July-August 2013 and 2014.

Rock, A. *The Mid-Ohio Valley: An Overview*. Guest Lecture, Ohio University, February 2014.

Rock, A. *Grantwriting Basics*. Corporation for Ohio Appalachian Development, June 2013.

Rock, A. *Appalachian Perspectives: The View from Inside and Out*. COAD Early Care and Education Retreat, June 2013.

Rock, A. and McNally, E. *Board-Staff Relationships*. Introduction to Board Development Workshop, April 2013.

Rock, A. *History of Community Action: An Overview of the War on Poverty and the Shifting Role of CAAs and Other Nonprofit Organizations*. Appalachian Leadership Academy, August 2011, September 2011 and September 2012.

Rock, A. *Developing a Personal Board of Directors*. Appalachian Leadership Academy, August 2011 and September 2012.

Rock, A. and McNally, E. *Strategies for Effective Board Governance: Roles and Responsibilities of Boards and Board Members in Nonprofit Organizations*. Board Governance Series, Marietta College, Marietta, OH. May 2012.

Rock, A. *Technology Assessments for Nonprofit Organizations*. Regional Nonprofit Alliance Lunch & Learn Series, Ohio University, Athens, OH. March 2012.

Rock, A. *Grantwriting Nuts and Bolts*. Mid-Ohio Valley Nonprofit Capacity Building Series, Parkersburg, WV. October 2011.

Academic & Community Affiliations

- Humboldt State Geospatial Certificate Program, Co-Director 2015-present.
- Humboldt School-University-Community Collaborative for Economic and School Success (SUCCESS), 2014-present
- Geospatial Steering Committee, Humboldt State University, 2014-present
- Geospatial IT Working Group, Humboldt State University, 2014-present
- Geospatial Curriculum Committee, Humboldt State University, 2014-present
- Cartography Specialty Group, Association of American Geographers (AAG), 2012-present. Secretary/Treasurer 2014-2016
- Ohio University Community Outreach Committee, Ohio University, 2012-2014.
- Board member, Breast Cancer Fund of Ohio, 2011-2014. Member emeritus, 2014-present
- Mid-Ohio Valley Nonprofits Lead! Advisory Council, 2011-2013
- Voinovich School for Leadership and Public Affairs, Regional Nonprofit Alliance Advisory Committee, 2011-2014
- North American Cartographic Information Society (NACIS), 2000-present
- City of Athens Board of Zoning Appeals, 1998- 2001

Grants Awarded (2010-present)

- Ohio Development Services Agency, \$96,400 for nonprofit leadership training (2012)
- Ohio Development Services Agency, \$75,000 for nonprofit leadership training (2011)
- Governor's Office of Appalachia, \$15,000 for nonprofit continuing education workshops (2011)
- Ohio Department of Natural Resources Natureworks grant, \$64,000 for park renovation (2010)
- US Department of Energy, \$999,846 for a weatherization training program (2010)
- Ohio Development Services Agency, \$200,000 for weatherization training (2010)
- NCAF/ExxonMobil, \$325,000 for green workforce training initiative (2010)