

Mariel Cecelia Borgman

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Interdisciplinary leader with expertise in behavior, education, and communication; food systems; and sustainable business

EDUCATION

Asheville Institute (Asheville, NC)

- **Urban Farm School**, May-October 2014
- 716 course hours, including permaculture design certificate
- Courses: Permaculture Design Course, Urban Gardening, Herbalism & Wild Edibles, Wise Water Systems, Perennial Agriculture, Food Processing

University of Michigan School of Natural Resources and Environment (Ann Arbor, MI)

- **Master of Science**, Natural Resources and Environment: Behavior Education and Communication, April 2014
- Courses: Behavior and Environment, Localization, Psychology of Environmental Stewardship, Research Methods in Environment and Behavior, Negotiations Skills, Statistics, Future Scenarios for Global Food Systems, Food Systems Planning, Environmental Assessment, Environmental Decision Making and Governance, Environmental Education
- University of Michigan Sustainable Food Program Leadership Team Academic Ambassador, 2013-14
- Member of Consortium on Agriculture Food and the Environment, UMBees, and Permaculture Design Team
- SNRE Student Ambassador to prospective and new students

Aquinas College (Grand Rapids, MI)

- **Professional Certificate in Sustainable Business**, December 2010
- Courses: Foundations in Sustainable Business, Champions for Change: Building the Case for Sustainable Business, Corporate Social Responsibility, Industrial Ecology & Life Cycle Assessment, Managing the Value Chain for Sustainability, Sustainable Business Innovation

Aquinas College (Grand Rapids, MI)

- **Bachelor of Science**, Sustainable Business, May 2009
- Second Major: Spanish, Minor: Urban Studies
- Academic Honors: *Summa Cum Laude*, Member of Insignis Honors Program, Dean's List every semester, Finalist for Aquinas College Outstanding Freshman Award
- Courses: Environmental Studies, Management, Marketing, Accounting, Microeconomics, Industrial Ecology, Environmental Chemistry, Ethics and the Ecology of Commerce, Environmental Biology, International Perspectives in Sustainable Business, Urban Geography, Human Geography, Social Capital, Sustainable Energy Systems, Sociology
- Service Learning: Acadia National Park 2005-08, Student Leader 2008; Costa Rica Reforestation 2007; Puebla Mexico Community Links 2008-09
- Students Striving for Sustainability Club Member 2007-2009, Secretary 2008-2009

EXPERIENCE

University of Michigan School of Natural Resources and Environment, Research Assistant

[Ann Arbor, MI, October 2012-Present]

- Faculty: Dr. Joshua P. Newell
- Supervise and mentor two undergraduate research assistants on project "Mapping Detroit's Hidden Social Geographies," contribute to project research through interviews, site visits, and Google Earth mapping
- Process expense reports, assist with other administrative tasks

University of Michigan Program in the Environment, Graduate Student Instructor

[Ann Arbor, MI, September 2013-April 2014]

- Faculty: Dr. Raymond De Young
- Courses: Behavior and Environment (Fall 2013), The Psychology of Environmental Stewardship (Winter 2014)
- Taught three discussion sections with ~50 students each semester, coordinate lessons with one co-instructor
- Graded student projects, papers, and exams; held office hours

Arden Companies, Product Innovation Manager/Greener Path Solutions Lead [Bingham Farms, MI, July 2011-July 2012]

- Managed complex projects to develop, test, and launch new consumer products: oversaw task accountability of individuals from multiple departments; regularly presented project updates to executive team
- Mentored two sustainability assistants and presided over company sustainability program

Arden Companies, Marketing Coordinator/Greener Path Solutions Lead [Bingham Farms, MI, June 2010-July 2011]

- Designed and executed ethnographic consumer research studies
- Developed sales team training materials and sales presentations for major retailer customers
- Managed global, cross-functional sustainability team
- Developed Excel-based tools to record monthly waste generation
- Coordinated nationwide recycling program for waste from manufacturing operations
- Created and successfully launched unique charitable partnership with Habitat for Humanity of Oakland County

Arden Companies, Supply Chain Associate/Greener Path Solutions Lead [Bingham Farms, MI, September 2009-June 2010]

- Processed U.S. Customs paperwork and vendor payments
- Communicated daily with Arden Companies China office, Asian vendors, and third-party logistics providers
- Implemented metrics and reporting protocols to quantify and track waste and greenhouse gas emissions
- Managed global, cross-functional sustainability team

Arden Companies, Sustainability Specialist Intern [Bingham Farms, MI, August 2009-September 2009]

- Educated employees on sustainable business theory and practice through verbal presentations, PowerPoint, and written communications
- Co-led global, cross-functional sustainability team
- Coordinated launch of office recycling program

Aquinas College Sustainable Business Department, Research Assistant [Grand Rapids, MI, May 2006-July 2009]

- Researched sustainability curriculum at colleges and universities across the U.S. and worldwide
- Examined sustainability practices of business and higher education
- Contributed research to a sustainable business textbook

CONFERENCE PRESENTATIONS

- “A Rooted University: Growing Resiliency, Community, and Engaged Food Citizens.” *AASHE 2013: Resiliency & Adaptation*, Nashville, TN, October 8, 2013.
- “Starting the Seed.” *Permaculture Your Campus Conference 2013*, Amherst, MA, June 25, 2013.

SKILLS, ACTIVITIES AND INTERESTS

- **Computer Skills:** Microsoft Office (Word, Excel, PowerPoint, Project), SPSS, Course Tools (CTools), ArcGIS
- **Certifications:** Environmental Education: Project Wild, Project Wet, Project Learning Tree
- **Memberships:** Sigma Beta Delta Business Honor Society
- **Languages:** Spanish (speaking, reading and writing: conversational)
- **Volunteer Work:** Big Sister (Big Brothers/Big Sisters) 2007-09, Committee member for Habitat for Humanity Oakland County trivia fundraiser 2011, UM Campus Farm 2012-13
- **International Experience:** Spent four weeks in Asia (China, Taiwan, Hong Kong) on two separate business trips with Arden Companies, June 2011 and March 2012; Studied abroad in Costa Rica Spring Semester 2007; Completed two-week International Sustainability field course Costa Rica, May 2009

RECOGNITION

- Michigan Garden Club Scholarship, 2013
- Nanette LaCross Prize for leadership in natural resources, 2014
- Received multiple peer nominations for the Arden Companies Chairman’s Award in 2010, 2011, and 2012