



LAURA B. COLE

Curriculum Vitae

EDUCATION

University of Michigan– Ann Arbor (2007 - 2013): Ph.D. in Architecture (Design Studies) and Natural Resources and Environment (Environmental Psychology)

Master of Science in Design Studies: obtained in route to Ph.D. (2007-2009)

Dissertation: The Teaching Green School Building: Exploring the Contributions of School Design to Informal Environmental Education

Archeworks Alternative Design School (2003-2004) Certificate program in socially conscious design.

University of Missouri – Columbia (1997-2001): BSHES Environmental Design (FIDER), Magna Cum Laude (Minors in Art and Spanish); Study Abroad: Venezuela, Summer 1999

Technology: AutoCAD; Adobe Illustrator/Photoshop/InDesign; Microsoft Office products; SPSS Statistical; Atlas TI and Dedoose qualitative analysis software

EMPLOYMENT

The University of Missouri: Columbia, MO (8/15 - present) – *Assistant Professor of Architectural Studies*

The University of North Carolina: Greensboro, NC (8/13 - 8/15) – *Assistant Professor of Interior Architecture; Interim Director of Graduate Studies (Spring 2015)*

The University of Michigan: Ann Arbor, MI (7/08-5/13) – *Graduate Student Instructor / Graduate Student Research Assistant*

Perkins+Will: Chicago, IL (11/02-07/07) – *Project Designer, Associate*

I completed work at all phases of design on various scales across two major sectors of workplace & hospitality interior design. Major client work includes projects for Haworth, Inc., Bank of America, and Starwood Hotels.

Mercedes Gonzalez Arquitectura Interior: Madrid, Spain (3/02–5/02) – *Design Intern*

- Sector: Hospitality / Residential

Interior Design Associates, Inc.: Columbia, MO (6/01-12/01) – *Resource Manager*

- Sector: Residential / Commercial

The Environments Group: Chicago, IL (7/00-8/00) – *Design Intern*

- Sector: Workplace

TEACHING EXPERIENCE

Currently Teaching

Interior Design Studios // Interior Design Thesis & Thesis Programming

The assignments in our upper-level studios allow students to apply skills to projects of increasing complexity, engaging in the full creative process that culminates in well-articulated design solutions. I aim to connect students to community partners when possible.

Design Business Practices

There are two main objectives of the professional practices course: 1) guide students in the preparation of job market materials, and 2) teach the CIDA-required objectives for business practices in interior design while integrating sustainability concepts into the material.

Sustainable Building Design Fundamentals

This introductory green building course introduces students to the fundamentals of green building design as organized by contemporary green building assessment frameworks like LEED. The course is 100% online, general education, and a laboratory.

Previous Teaching Experiences:

Research Methods

Instructor, Fall 2013 and Fall 2014, University of North Carolina @ Greensboro

Professional Practices

Instructor, Spring 2014 and Spring 2015, University of North Carolina @ Greensboro

Upper Level Interior Architecture Studios

Instructor, Fall 2013 - Spring 2015, University of North Carolina @ Greensboro

Sustainable Neighborhoods: Active Engagement in Detroit

Co-instructor, co-developer of undergraduate course, Winter 2011, University of Michigan

Design in a Post Oil World

Graduate/undergraduate seminar developed and taught, Summer 2009, Lawrence Tech University

Interior Architecture Studio II

Co-instructor of undergraduate course, Winter 2009, Lawrence Tech University

LEED for Commercial Interiors

Undergraduate level course developed and taught, Winter & Summer 2007, Harrington College of Design

The Psychology of Environment Stewardship

Graduate Student Instructor, Winter 2012, University of Michigan

Environment & Behavior

Graduate Student Instructor, Fall 2010 & Fall 2012, University of Michigan

Sustainable Architecture & Urbanism

Grader, Fall 2010 & Fall 2011, University of Michigan

CERTIFICATION / ACCREDITATION

Leadership in Energy and Environmental Design (LEED) Accredited Professional (2004)

National Council for Interior Design Qualification (NCIDQ) Certified (2006) Certificate No. 021412

PUBLICATIONS

- Cole L.B. (2018). The Teaching Green Building: Five Theoretical Perspectives. In: Leal Filho W., Marans R., Callewaert J. (eds.), *Handbook of Sustainability and Social Science Research* (pp.107-125). World Sustainability Series. Springer, Cham.
- Cole, L.B. and Altenburger, E. (2017). Framing the Teaching Green Building: environmental education through multiple channels in the school environment. *Environmental Education Research*. Advance online publication. doi: 10.1080/13504622.2017.1398817
Impact Factor = 1.71
- Cole, L.B., McPhearson, T., Herzog, C., & Kudryavtsev, A. (2017) "Green Infrastructure" in Urban Environmental Education Review. Ithaca: Cornell Press.
- Rojak, D. and Cole, L.B. (2016) "Place Attachment in the Historic Brewpub: A Case Study in Greensboro, North Carolina." *Journal of Interior Design*, 41(1), 33-50.
- Cole, L.B. (2015). "Fostering Green Building Literacy in the School Building: a Study of Five Middle Schools in the United States." *Children & Youth Environments*, 25(3), 145-174.
- Cole, L.B. (2014). The Teaching Green School Building: A Framework for Linking Architecture and Environmental Education. *Environmental Education Research*, 20(6), 836-857.
Impact Factor = 1.30
- Larsen, L., Sherman, L.S., Cole, L.B., Karwat, D., Badiane, K., & Coseo, P. (2014). Social Justice and Sustainability in Poor Neighborhoods: Learning and Living in Southwest Detroit. *Journal of Planning Education and Research*, 34(1), 5-18. **Impact Factor = 1.20**
- Cole, L.B. (2013). The Green Building as Medium for Environmental Education. *The Michigan Journal of Sustainability*, 1(1), 161-169.
- Karwat, D., Sherman, L.S., Cole, L., Badiane, K.C., Coseo, P.J., & Larsen, L.S. (2013). A Lesson in Service Learning and Community Engagement. *The Michigan Journal of Sustainability*, 1(1), 151-159.
- Smith, L. "Mobi's World." *Convention Challenged*. Ed. Stanley Tigerman and Eva Maddox. Chicago: Archeworks, 2006. 62-63.

Works in progress:

- Cole, L.B. (n.d.). "Green Building Literacy: advancing a framework for green building education." Manuscript in review.
- Cole, L.B. and Hamilton, E.M. (n.d.). "Can a Green School Building Teach? A Pre- and Post-Occupancy Evaluation of a Teaching Green School Building." Manuscript in review.
- Cole, L.B., Quinn, J., Akturk, A.* & Johnson, B. (n.d.). "Promoting green building literacy through online laboratory experiences." Manuscript in review
- Zangori, L. and Cole L.B. (n.d.) "Eco-literacy in the Eco-Schoolhouse: A case study in the fifth grade classroom." Manuscript in preparation.

PRESS

- KOMU 8. (2016). *MU researcher mixing "green" construction with environmentally-friendly curriculum* [Video Interview]. Retrieved from <http://www.komu.com/news/mu-researcher-aims-to-incorporate-environmentally-friendly-curriculum/>
- Florida Building Material Association. (2016). *School Buildings Designed as 'Teaching Green' Can Lead to Better Environmental Education*. Retrieved from <http://www.fbma.org/blog/posts/school-buildings-designed-as-teaching-green-can-lead-to-better-environmental-education.html>
- Green Building Research Institute. (2016). *An Unexpected Benefit Of Green Buildings? More Conscientious Kids*. Retrieved from <https://www.gbrionline.org/news/an-unexpected-benefit-of-green-buildings-more-conscientious-kids-2/>

Conservation Magazine. (2016). Green buildings foster green thinking. Retrieved from <https://www.conservationmagazine.org/2016/03/green-buildings-foster-environmental-learning/>

CONFERENCE PAPERS + POSTERS

- Lindsay, G. & Cole, L., (2018, June) Communicating Sustainability in the Green Science Museum. Presentation at the annual conference for the Environmental Design Research Association, Oklahoma City, OK.
- Cole, L. & Walsh, R. (2018, June) Design Patterns for Transition Interior Design. Presentation at the annual conference for the Environmental Design Research Association, Oklahoma City, OK.
- Zangori, L. and Cole, L. (2017, October). Developing Eco-Literacy in the Eco-Schoolhouse. Presentation accepted to the North American Association for Environmental Education, San Juan, Puerto Rico [on-site conference cancelled due to hurricane, work disseminated through online portal].
- Cole, L., Quinn J., and Johnson, B. (2017, October). Green Building Literacy for Online Learners. Presentation at the Midwest regional conference for the Interior Design Educators Council, St. Louis, MO.
- Cole, L., Walsh, R, and Chu, E. (2017, October). Design Patterns for Transition Interior Design. Presentation at the Midwest regional conference for the Interior Design Educators Council, St. Louis, MO.
- Cole, L. and Altenburger, E. (2017, June). Teaching Sustainability through Architecture: Three Case Study Green Schools. Presentation at the annual conference for the Environmental Design Research Association, Madison, WI.
- Cole, Laura. (2017, May). The Teaching Green Building: Five Theoretical Perspectives. Presentation at the Sustainability and Social Science Research Symposium, Ann Arbor, MI.
- Cole, L. and Altenburger, E. (2017, March). Framing Experience: Exploring Student Photography to understand Youth Experiences in Green School Interiors. Presentation at the annual conference for the Interior Design Educators Council, Chicago, IL.
- Cole, Laura. (2016, May). The Teaching Green School Building: An Early-Stage Longitudinal Study. Presentation at the annual conference for the Environmental Design Research Association, Raleigh, NC.
- Bartlett, M. and Cole, L. (2016, May). Photovoice as an Architectural Research Method. Presentation at the annual conference for the Environmental Design Research Association, Raleigh, NC.
- Cole, Laura. (2014, May). Advancing Environmental Literacy with the Green School Building. Presentation at the annual conference for the Environmental Design Research Association, New Orleans, LA.
- Smith, Laura. (2012, June). Architecture for Environmental Education: Investigating the Teaching Green School Building. Presentation at the annual conference for the Environmental Design Research Association, Seattle, WA.
- Smith, L.B., Karwat, D., Sherman, L.S., Badiane, K., & Coseo, P. (2012, February). Teaching Urban Sustainability: Experiential Learning & Active Engagement in Detroit. Poster at the University of Michigan Rackham Graduate School Centennial Celebration.
- Smith, Laura. (2011, April). The Green School as Third Teacher: A Question of Engagement. Poster session at the Death & Life of Social Factors in Design Conference, Berkeley, CA.

- Smith, Laura. (2010, May). Buildings as Environmental Educators: The Contributions of Engagement, Socialization, and Built Form. Environmental Design Research Association Graduate Student Workshop, Washington D.C.
- Smith, Laura. (2009, May). Sustainability in the Art & Architecture Building. Presentation at the annual conference for the Environmental Design Research Association, Kansas City, MO.
- Smith, Laura. (2009, March). Environmental Education in the Green Interior. Presentation at the annual conference for the Interior Design Educators Council, St. Louis, MO.

FUNDING

Awarded

- MU Research Council** (2018) Green Building Education in the Green Science Museum: Eight Case Study Museums in the United States (\$9,175)
- HES PURE Undergraduate Research Grants** (2016-2017) Funding for three students across two summers for research assistance. (\$6000)
- HES Margaret Mangel Research Grant** (2016) "Building Ecological Literacy in the Elementary Green School Building A Pilot Study in Columbia, Missouri" (\$3000)
- MU Research Council Small Grant** (2016) (Co-PI) "Building Ecological Literacy in the Elementary Green School Building: A Pilot Study in Columbia, Missouri" (\$950)
- ET@MO Funding for Course Redesign** (2016) Obtained funding for development of a new, online laboratory course on green building design fundamentals. (\$7000)
- Seeding Interdisciplinary Research Collaborations** (2016) Funding for a new collaboration with the College of Education and educators at Grant Elementary School in Columbia, MO. (\$1000)
- Ashby Dialogue Series** (2014-15) Funding from the UNC-Greensboro College of Arts & Sciences to chair a year-long dialogue on "Localization in a Global World: Exploring Local and Global Pathways to Resilience." (\$1900)
- Undergraduate Research + Creativity Award** (2014-15) Funded two undergraduate research assistants to work on my research in green schools. (\$2500)
- Graham Environmental Sustainability Institute Doctoral Fellow** (2010-12) Cohort of seven doctoral students chosen yearly for a campus-wide, prestigious fellowship supporting interdisciplinary studies in sustainability research. (\$50,000)

Submitted, Not funded

- Mizzou Advantage Research Grant** (2018) Digital Tools for Teaching Energy Literacy. (\$50,000)
- MU Research Board** (Fall 2017) Energy Literacy & Understanding Green Infrastructure. (\$69,034)
- MU Research Board** (Spring 2017) Energy Literacy & Understanding Green Infrastructure. (\$67,000)

HONORS & AWARDS

- Ruth Brent Tofle Faculty Teaching Scholar** (2017-18)
- HES Grant Writing Workshop** (2017) (\$500)
- Keynote Speaker** (Fall 2016) Keynote speaker for University of Florida graduate student conference entitled "Ethics and the Built Environment."
- William B. Stapp Award for Excellence** (2011) Awarded by the University of Michigan School of Natural Resources and Environment for academic merit. (\$500)
- Foreign Language and Area Studies (FLAS) Fellowship** (Summer 2008) Fellowship to pursue language studies in Sao Paulo, Brazil, where I researched international green building movements. (\$6000)
- Interior Design Educators Council (IDEC) Foundation Graduate Scholar** (March 2008)
One of eight graduate students selected to receive funding to attend the 2008 annual IDEC Conference. (\$1000)

Perkins+Will Employee Excellence Awards (2005-2006) Recognition for work performance two consecutive years within group of 200+ employees.

PEER-REVIEW

Environmental Education Research - peer reviews for journal articles

Environmental Design Research Association - peer reviews for conference abstracts

GUEST LECTURES

- Cole, Laura. "School Buildings that Teach: Exploring Social Factors in Learning Environments." Interior Architecture 331. University of North Carolina at Greensboro. 11 November 2013.
- Smith, Laura. "The Green School as Third Teacher." Natural Resources and Environment 382. University of Michigan. Ann Arbor, 3 December 2012.
- Smith, Laura. "The Green School as Third Teacher." Natural Resources and Environment 581. University of Michigan. Ann Arbor, 14 March 2012.
- Smith, Laura. "Green School Buildings as Behavior Change Interventions." Environment 361. University of Michigan. Ann Arbor, 12 March 2012.
- Smith, Laura. "Photovoice Data Analysis." Education 792. University of Michigan. Ann Arbor, 7 March 2012.
- Smith, Laura. "Introduction to the U.S. Green Building Movement." Urban Planning 302. University of Michigan. Ann Arbor, 16 February 2012.
- Smith, Laura. "Introduction to Environmental Psychology." Environment 211. University of Michigan. Ann Arbor, 11 January 2012.

GRADUATE STUDENT ADVISING

- Altenburger, Elke. Spring 2017. PhD (Committee Member) Social Space at Orbit High: An analysis of teenage behavior during breaks at school. University of Missouri.
- Stafford, Gloria. Fall 2016. PhD (Committee Member) Aging Alone in the Family Home: Exploring Place Attachment and Personal Adaptation. University of Missouri.
- Modarres Nezhad, Majedeh. Fall, 2014. MFA (Adviser) Evidence-based Strategies for Sustainable Lighting in Grocery Stores. University of North Carolina at Greensboro.
- Qu, Sangni. Fall, 2014. MFA (Committee Member) An Investigation of the Influence of Biophilic Elements and Attributes on Pediatric Nurses' Fatigue. University of North Carolina at Greensboro.
- Rojak, Dana. Spring 2015. MS (Adviser) Historic Place and Attachment: Exploring Place Attachment at Natty Greene's Brewing Company. University of North Carolina at Greensboro.
- Webster, Susan. Spring 2015. MFA. (Committee Member) An Evaluation of the Cognition of Persons with Dementia after Interaction with Natural Elements. University of North Carolina at Greensboro.
- French, Catherine. Fall 2015. MFA (Committee Member) The Effect of Redevelopment on the Historic Character of National Register Historic Districts in North Carolina: A Visual Analysis. University of North Carolina at Greensboro.

ACADEMIC SERVICE + LEADERSHIP

Campus Service

Environmental Affairs & Sustainability Committee (Fall 2016- present)

Visual Arts & Design Showcase (Fall 2016- Spring 2017)

College of Human Environmental Science Service

Academic Appeals Committee (Fall 2016- present)

Graduate Student Scholarship Committee (Fall 2016- present)

Department of Architectural Studies Service

CIDA Accreditation Committee

- *Co-chair (Spring 2016 - present)*

University of North Carolina @ Greensboro

Interior Architecture Graduate Committee (Fall 2013 - Spring 2015)

- *Interim Director of Graduate Studies (Spring 2015)*

Academic Learning Spaces Committee (Beginning Fall 2014)

Environmental Studies Committee (Fall 2014 - Spring 2015)

Outstanding Graduate Thesis Selection Committee (Spring 2014)

PROFESSIONAL SERVICE + LEADERSHIP

International Interior Design Association (IIDA)

- *Professional Member (2006-2007; 2013-2015)*
- *UNC-Greensboro Student Chapter Adviser (2013-2015)*
- *Associate Member (2003-04)*
- *Student member and president of our IIDA/ASID student chapter during undergraduate degree.*

Interior Design Educator's Council (IDEC)

- *Professional Member (2013-present)*
- *Reviewer for IDEC eNews (2013-14)*
- *Co-organizer and judge for IDEC Video Competition (2014-present)*

Environmental Design Research Association (EDRA)

- *Professional Member (April 2014-present)*
- *Member of Children & Youth Environments Network*
- *Student Member (2009-2012)*

University of Michigan Planning + Architecture Research Group (2008-2013) This group was the primary vehicle for doctoral students in our college to enjoy a shared intellectual space and collectively advocate for our constituency within the college.

- *President (2010-11)*
- *Secretary (2009-10)*
- *News Committee Chair (2008-09)*

Ann Arbor ReSkilling Festival (July 2009-July 2012) Bi-annual community-wide festival that attracted over 200 people in the Ann Arbor area (www.a2reskilling.com).

- *Co-founder and co-chair (2009-12)*

It's Hot in Here Radio (August 2011-May 2012) Biweekly environmental news show that aired on WCBN-FM Ann Arbor (<http://hughstimson.org/hotinhere/>)

- *Radio Program Cohost*

The Lean Years Student Conference (March 2011) This conference included a call for papers that was distributed nationally and a keynote presentation by Ellen Dunham-Jones and June Williams entitled "Retrofitting Suburbia." It was a day-long event with approximately 100 attendees.

- *Conference Co-chair*

Transition Ann Arbor (May 2009-January 2011) This was a grassroots environmental group active in the Ann Arbor area. I was involved in strategy meetings, presentations to the public, and graphic design efforts.

- *Initiating Team Co-Leader*

Perkins+Will Green Team (2004-2007) This group worked nationally across Perkins+Will offices to advance sustainability in our operations and project work.

- *Co-chair for P+W Chicago office (2006-2007)*