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- Principal of Martin & Guerin Design Research, LLC (www.mgdesignresearch.com)
- Principal and Co-Creator of InformedDesign®, LLC (www.informedesign.org)
- Minnesota Certified Interior Designer #C01051
- NCIDQ Certificate Holder #002216

RESEARCH FOCUS: Evidence-Based Design (EBD) and Its Relationship to Design Practice

- Examination of evidence-based design (EBD) as an innovation in the practice of design across design disciplines; adoption by practitioners; challenges to adoption.
- Investigation of the built environment's influence on children with autism spectrum disorder (ASD).
- Examination of interior design as a profession; interior design practice within the context of practice by allied professionals; the profession's body of knowledge and accreditation requirements for education.
- Regulation of design practitioners relative to protection of the public's health, safety, and welfare.

SCHOLARSHIP:

Below are selected publications that reflect my research focus.

Refereed Journal Articles

- Bae, S., Asojo, A., Guerin, D., & Martin, C. (2017). Post-occupancy evaluation of the impact of indoor environmental quality on health and well-being in office buildings. *Journal of Organizational Psychology*, 17(7).
- Martin, C. (2014). Implementation of evidence-based design (EBD) by non-healthcare design practitioners. *ArchNet: International Journal of Architectural Research*, 8(3), 165-180.
- Martin, C. (2014). Exploring the impact of the design of the physical classroom environment on young children with autism spectrum disorder (ASD). *Journal of Research in Special Education Needs (JORSEN)*. doi: 10.1111/1471-3802.12092.
- Freihoefer, K., Guerin, D., Martin, C., Kim, H-Y., & Kulman Brigham, J. (2013). The relationship between occupants' satisfaction with, and physical readings of, thermal, acoustic, and lighting conditions of sustainable office workspaces. *Indoor and Built Environment*. doi:10.1177/1420326X13514595
- Trzpuć, S., & Martin, C. (2010). Application of space syntax theory in the study of medical-surgical nursing units in urban hospitals. *Health Environments Research & Design Journal*, 4(1), 34-55.
- Martin, C. (2009). The challenge of integrating evidence-based design. *Health Environments Research & Design Journal*, 2(3), 29-50.
- Martin, C. (2008). Rebuttal to the Institute for Justice report entitled "Designing cartels, how industry insiders cut out competition." *Journal of Interior Design*, 33(3), 1-49.
- Martin, C., & Guerin, D. (2006). Using research to inform design solutions. *Journal of Facilities Management*, 4(3), 167-180. Bradford, England: Emerald. (Co-author.)
- Guerin, D., & Martin, C. (2004). The career cycle approach to defining the interior design profession's body of knowledge. *Journal of Interior Design*, 30(2), 1-22. (Co-author).

Refereed Abstracts in Proceedings (presenter is underlined)

Bae, S., Asojo, A., & Martin, C. (2018, March). *The impact of indoor environmental quality (IEQ) on occupants' performance, satisfaction, health, and learning in workplace and classroom buildings*. Interior Design Educators Council International Conference. Boston, MA.

- Asojo, A., Bae, S., Guerin, D., & Martin, C. (2017). A post-occupancy evaluation of occupants' satisfaction: A case study of indoor environmental quality in classroom buildings. Presentation at the Interior Design Educators Council International Conference. Chicago, IL. Available at <https://www.idec.org/files/2017%20Conference%20Proceedings.pdf>
- Martin, C. (2017). *Exploration of evidence-based design (EBD) project approach across the graduate curriculum.* Presentation at the Interior Design Educators Council International Conference. Chicago, IL. Available at <https://www.idec.org/files/2017%20Conference%20Proceedings.pdf>
- Martin, C. (2014). *Establishing classroom design criteria for children with autism spectrum disorder (ASD).* Presentation at the Interior Design Educators Council International Conference. New Orleans, LA. Available at <http://conf.idec.org/2014/establishing-classroom-design-criteria-for-children-with-autism-spectrum-disorder/>
- Martin, C. (2012). *Design practitioners' prospect of evidence-based design.* Presentation at the Interior Design Educators Council South Region Conference, (pp. 21-22). Richmond Virginia.
- Martin, C. (2012). *Comparative analysis of published approaches to integrating an evidence-based design approach into the design process.* Presentation at the Interior Design Educators Council International Conference, (pp. 146-150). Baltimore, MD.
- Martin, C. (2012). *Non-healthcare focused practitioners' understanding and implementation of evidence-based design (EBD).* Presentation at the Interior Design Educators Council International Conference, (pp. 151-154). Baltimore, MD.
- Guerin, D., & Martin, C. (2011). *The interior design profession's body of knowledge and its relationship to health, safety, and welfare.* Presentation at the Interior Design Educators Council International Conference, (pp. 246-249). Denver, CO.
- Martin, C. (2010). *Preparing future evidence-based designers—among other things.* Proceedings of the Interior Design Educators Council Midwest Regional Conference, (pp. 1-2). Minneapolis, MN.
- Martin, C., & Kroelinger, M. (2010). *Impact of the 2009 accreditation requirements: CIDA and NAAB.* Proceedings of the Interior Design Educators Council Annual International Conference, (p. 576-579). Atlanta, GA. Rated by judges as one of the top ten presentations of the conference (87.5:90 points).
- Martin, C. (2008). *Dangerous disconnect: Internal and external definitions of interior design and effects on the profession. Proceedings of Raison d'Etre: Crafting an Historical Narrative of the History of Interior Design Symposium, Sponsored by the Journal of Interior Design, the Anna Brightman Fund, and the 2008 IDEC Special Projects Grant* (pp. 6-7). Montreal, Quebec, Canada.

Books and Monographs

- Martin, C. (2013, September). *Examining Supportive Educational Environments for Young Children with Autism spectrum Disorder (ASD): Early Childhood Special Education (ECSE) through Grade 6.* Report to the American Society of Interior Designers Foundation, 2012 Award of the Irene Winifred Eno Grant.
- Cheng, R., Dale, K., Aspenson, A., Salmela, K., Martin, C., & Kim, H-Y. (2012, March). *IPD case studies.* AIA, AIA Minnesota, and the School of Architecture, University of Minnesota. (Co-author of survey summary/data)
- Martin, C., & Guerin, D. (Eds.). (2010). *The state of the interior design profession.* New York: Fairchild Publications.
- Guerin, D., & Martin, C. (2010). *The interior design profession's body of knowledge and its relationship to health, safety, and welfare.* Indianapolis, IN: Council for Interior Design Accreditation, American Society of Interior Designers, Interior Designers of Canada, International Interior Design Association, and the National Council for Interior Design Qualification. (Co-author).
- Martin, C. (2007). *Interior design: From practice to profession.* Washington, DC: American Society of Interior Designers.

Pre-Design and Post-Occupancy Evaluation Research Reports

Center for Sustainable Building Research (CSBR), University of Minnesota

- Sustainable Post-Occupancy Evaluation Survey (SPOES; 25) using IEQ analysis, 2014-present
- B3 IEQ Guideline Revision Literature Review; lighting, indoor air quality, acoustics, and wayfinding, 2017-2018
- B3 IEQ Guideline Revision, Final Draft Review, June 2018

Donaldson Company, Inc., Bloomington, MN, 2018

- Pre-design and post-occupancy evaluations including extensive investigation of campus, building, and workstation impacts on employees including privacy, ergonomics, lighting and branding/image and corporate goal perceptions.

Collaborative Design Group, Inc., Minneapolis, MN, 2016

- Pre-design behavioral mapping, client interviews, peer-level focus groups, extensive literature review (250 source, 53, topic areas) for NorthPoint Health & Wellness Center in Northeast Minneapolis, a healthcare campus expansion and renovation, owned by Hennepin County, MN

Workplace Transformation Facilitation, Inc., Portland, ME, 2014-2015

- Pre-design IEQ evaluation of international manufacturer's workplace headquarters

Invited Submission to an International Exhibition

Martin, C., & Freihoefer, K. (2010). *Evidence-based design (EBD) in the design firm and the classroom*.

Proceedings of the 2010 International Invitation Exhibition Works, Korean Institute of Interior Design, (p. 51). Seoul, Korea.

Invited Manuscripts

Martin, C. (2016). The reliance of interior design on environmental psychology. In Dak Kopec, *Environmental Psychology for Design*, 3rd Ed. New York: Fairchild. (Publish date January 2018)

Martin, C. (2011, Spring). EBD: Evidence-based design basics. *Design Directions*, 14-16. Minneapolis, MN: Minnesota Chapter, American Society of Interior Designers.

Martin, C. (2010). Guest editor's column: Establishing a substantial link between human and environmental welfare. *Health Environments Research & Design Journal*, 4(1), 3-5.

Martin, C., & Kroelinger, M. (2010). 2009 accreditation requirements: Comparison of CIDA and NAAB. *Journal of Interior Design*, 35(2), ix-xxxii. (Co-author).

Refereed and Invited Presentations

Martin, C., & Monhollen, M. (2018, June 13). *Who benefits from coworking? Trends and challenges*. NeoCon World's Trade Fair at the Merchandise Mart, Chicago, IL. (refereed)

Alexander, B., Martin, C., & Wingate, C. (2017, November). *Designing for occupant well-being with B3 POEs*. Presentation at the American Institute of Architects-Minnesota Conference on Architecture. Minneapolis, MN. (refereed)

Martin, C. (2017, September). *B3 buildings: What the post-occupancy evaluation (POE) process contributes to outcomes*. Presentation for the CSBR at the University of Minnesota. (4 AIA LU/HSW) (invited)

Whited, L., & Martin, C. (2016, June 13). *Integrative design team uses evidence-based design approach*. NeoCon World's Trade Fair at the Merchandise Mart, Chicago, IL. (refereed)

Research Grants

Over \$2 million in research grants focusing on translation and dissemination of evidence-based design criteria to architects, interior designers, occupants, and building industry, pre-design and post-occupancy evaluation; and design of classroom space for children with autism.

TEACHING: Design Studios, Design Research, Design Theory, Evidence-Based Design (EBD) (2005-2017)

- Developed (2017) and teach a modified Landscape Architecture Research Issues and Methods course (LA 8301); addressed research methods relative to EBD for 3rd year MLA students, College of Design
- Taught undergraduate upper division design studios, senior thesis and capstone project
- Developed (2008) and teach a graduate-level course on EBD across the College of Design majors
- Advised and participated as a committee member for 13 PhD and master's students

PROFESSIONAL DESIGN PRACTICE:

Over 17 years of professional interior design practice leadership and project management within multidisciplinary architecture, design, and engineering firms in the Twin Cities; primarily institutional, workplace, education, and healthcare, generally for multi-year and multi-million-dollar (\$2M-\$40M) construction budgets.

- Interior Design Project Manager and Project Designer
 - St. Paul City Hall/Ramsey County Courthouse Addition, Renovation and Restoration, St. Paul, MN
- Project Manager and Space Planner
 - Ramsey County Government Center - West Renovation, St. Paul, MN
- Project Interior Designer and Space Planner
 - Minnesota Department of Transportation Headquarters, St. Paul, MN
 - W. E. Burger Federal Building/U.S. Courthouse, St. Paul, MN
 - Cuyuna Range Elementary School, Crosby, MN
 - Redwood Valley Middle School/High School, Redwood Falls, MN
 - Lake Marion Elementary School, Lakeville, MN
 - International Diabetes Center, St. Louis Park, MN
 - North Country Regional Hospital, Bemidji, MN
 - Minnesota Veterans Administration Clinic, Minneapolis, MN
 - St. Joseph's Home for Children, Minneapolis, MN
 - St. Marys Hospital, Rochester, MN

APPOINTMENTS

- Interior Design Educators Council presidential appointment as representative to the National Academy of Environmental Design (NAED), 2011-2014
- Governor Appointment (two terms) to the State of Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience, and Interior Design (AELSLAGID), 2000-2008
- Women's Leadership Institute, University of Minnesota, 2002-2003

PROFESSIONAL RECOGNITION

- Induction into the College of Fellows, Interior Design Educators Council, 2018
- Nancy Vincent McClelland Merit Award for outstanding support of the interior design profession, American Society of Interior Designers, 2016
- IFI Must Read Must Have Books for *The State of the Interior Design Profession* (Martin & Guerin, Fairchild) by the International Federation of Interior Architects/Designers, 2013
- Honorary Inductee, Academy of Reviewers, Interior Design Educators Council, 2013
- Louis Tregre Award for outstanding service in support of NCIDQ's mission to protect the health, life safety, and welfare of the public, 2012
- Education Leadership Award, Association of Registered Interior Designers of Ontario, 2010
- Induction in the College of Fellows, American Society of Interior Designers, 2009
- Presidential Citation, American Society of Interior Designers, 2008, 2003
- Honor Award, American Institute of Architects/Minnesota (AIA/MN), St. Paul City Hall/Ramsey County Courthouse, Project Interior Designer

PROFESSIONAL SERVICE

- Director, Board of Directors, *Journal of Interior Design (JID)*, 2018-2021
- Director, Board of Directors, Council for Interior Design Qualification (CIDQ), 2015-2018 (two terms)
- Reviewer for the *Health Environments Research and Design Journal (HERD)*, the *Journal of Interior Design*, and the *Journal of Autism and Developmental Disorders (JADD)*
- Accreditation Site Visitor, Council of Interior Design Accreditation (CIDA) (through 2010)
- Leadership and volunteer positions in CIDA, CIDQ (formerly NCIDQ), ASID, IDEC, and IIDA (formerly IBD)
- Lecturer, continuing education presentations on evidence-based design and the support of children with autism spectrum disorder (ASD) via classroom design