



Celeste Alvaro, PhD

Principal

Dr. Celeste Alvaro is the Principal and Founder of Methologica, an applied design research and evaluation firm that specializes in assessing how the design of the built environment impacts human behavior, social interaction and well-being.

As an experimental social psychologist, Celeste provides research and evaluation expertise on architecture teams and leads the pre and post occupancy evaluation of capital redevelopment projects that extend to a variety of settings. Celeste's research is focused on the application of well-established quantitative and qualitative research methods and measurement techniques in innovative ways to understand the direct and indirect effects of the built environment on users in both her academic and consulting roles.

Celeste's signature approach involves the creation and execution of scalable programs of research and evaluation. It begins with establishing and engaging collaborative teams including leading international researchers, architects, designers, and stakeholders then continues with an animated group of field researchers conducting data collection and analysis.

EDUCATION

- Simon Fraser University, PhD, Experimental/Social Psychology, 2004
- Simon Fraser University, MA, Psychology, 1999
- Simon Fraser University, HBA, Psychology (First Class Honours), 1996

EXPERIENCE

- Methologica (formerly CARE), Principal and Founder, 2012 to present
- Adjunct Professor, Department of Architectural Science, Faculty of Engineering, Architecture and Science, Ryerson University, 2011-2017



- Research Scientist, Architectural Design and Health, Bridgepoint Collaboratory for Research and Innovation, 2011-2015
- Assistant Professor (Research), Atlantic Health Promotion Research Centre, Faculty of Health Professions, Dalhousie University, 2009-2011
- Postdoctoral Research Fellow, Atlantic Health Promotion Research Centre, Faculty of Health Professions, Dalhousie University, 2006- 2009

PROJECTS

- Providence Care Hospital, Kingston, Design Research, User Experience and Post Occupancy Evaluation Lead, 2015-2019
- Niagara Health System, St. Catharines Hospital, St. Catharines, Design Research, User Experience and Post Occupancy Evaluation Lead, 2017-2018
- Checking In and Checking Out. The Hotel Experience, multiple locations, 2013-ongoing
- Bridgepoint Active Healthcare, Toronto, Design Research, User Experience and Post Occupancy Evaluation Lead, 2011-2015
- West Park Healthcare Centre Redevelopment, Toronto, HOK PDC Team and Development of a Post Occupancy Evaluation Framework, 2015-2016
- St. Michael's Hospital, Toronto, Development of a Post Occupancy Evaluation Framework, 2014 – 2015
- Centre for Addictions and Mental Health (CAMH) Phase 1 C Redevelopment Project, Toronto, KPMB & MSA PDC Team and Strategy for the Development of a Pre and Post Occupancy Evaluation Framework, 2014 – ongoing

AWARDS AND ACHIEVEMENTS

- Successfully secured and managed 9 multi year nationally funded interdisciplinary research projects and awards totaling a budget of \$1.75 Million including the Canadian Institutes of Health Research (CIHR) Partnerships for Health System Improvement (PHSI) \$504,018 with partnered funding from the Ontario Ministry of Health and Long Term Care \$318,872 to create and execute the Bridgepoint Active Healthcare post occupancy evaluation
- High Commendation, International Design Research Award 2016, European Healthcare Design Conference, London,UK
- Over 22 publications including: Health Environments Research & Design (HERD) Journal; European Healthcare Design Research, Policy, Practice; International Journal of Health Care Quality Assurance; World Health Design; Health Promotion International; Journal of Personality and Social Psychology
- The development of A Planning Guide for Post Occupancy Evaluation
- Over 80 international, national and local conference presentations, symposia, stakeholder presentations and workshops

contact: celeste@methologi.ca | methologi.ca

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