DEPARTMENT OF ARCHITECTURE

Dr. Eduardo Aquino
Email: Eduardo.Aquino@umanitoba.ca
Research:
Eduardo Aquino has a long-standing research and creative practice concerning public space and urban design. Aquino has a particular interest in interdisciplinary approaches to architectural & cultural history, critical theory, art criticism, urbanism, and is also interested in alternative, research-based interdisciplinary design practices. Professor Aquino sees relevance in the relationship of academia & practice, especially research projects that have a focus on applied research, new technologies, craft and making, and projects that intend to create a dialogue between art, architecture & the city. Aquino proposes an experimental path of exploration in developing alternative poetic relationships of human interface with the built and natural environments, along with the theoretical speculations of the contemporary city.

Lancelot Coar
Email: Lancelot.Coar@umanitoba.ca
Research:
Lancelot Coar is an Associate Professor in the Department of Architecture and a researcher at the Centre for Architectural Structures and Technology (CAST) at the University of Manitoba. At CAST Coar’s research explores how the dynamic properties of building materials can guide design and construction practices to produce highly efficient structures and architectural forms. Recently this work has led to the development of a novel building system that uses a network of flexible fiberglass bars to shape a fabric formwork that can produce a strong structural shell using a variety of liquid-to-solid materials (from ice, to resin, to concrete).

Dr. Lisa Landrum
Email: Lisa.Landrum@umanitoba.ca
Bio: http://umanitoba.ca/faculties/architecture/facstaff/faclist/landruml.html
Research:
Lisa is a registered architect and published scholar. Her research encompasses topics in architectural history, theory and design. Topics include: architectural agency (the ways architects and architecture perform, and how these performances persist and change over time); architectural representation, especially dramatic modes of representation implicit in the works and words of architects; portrayals of architects in film, fiction and dramatic literature (from Aristophanes to Ionesco); stories and myths about architectural origins; performance spaces and the role of festivals in shaping urban environments; the creative role of metaphor for architects; the rhetorical function of architecture in philosophy; architecture, politics and spatial justice; phenomenological approaches to contemporary architecture; and other trans-historical topics concerning ornament, cultural memory, critical thinking and imagination.

DEPARTMENT OF LANDSCAPE ARCHITECTURE
Dr. Richard Perron  
Email: Richard.Perron@umanitoba.ca  

Richard’s research is focused upon ecological infrastructure and current urban strategies being undertaken across Canada. These strategies include: smart growth, sustainable community design, ecological urbanism. The research examines ways in which ecological strategies are being realized through urban design and encompasses a wide spectrum of methods and cases studies. Urban strategies may take several forms, including the development or embellishment of public spaces, central commercial areas, recreational areas, experiments in the development of business/residential districts (such as Transit Oriented Design), and the rejuvenation of neighborhoods. The current research investigates the following questions: How are these changes being realized through urban design? How do cities of different sizes go about reinventing themselves? What is the importance of ecological infrastructure in the redevelopment of Canadian urban centers? The first phase of this work will be presented at conferences in Venice and Dubai in 2018.

DEPARTMENT OF INTERIOR DESIGN

Dr. Susan Close  
Email: Susan.Close@umanitoba.ca  
Research:  
Susan Close is currently examining the intersection of photography and the built environment and preparing a new book on this research. Areas of research include: Photography and the Built Environment; Identity; Gender; Visual Culture; Critical Theory; Social Activism and Design.

DEPARTMENT OF CITY PLANNING

Dr. Richard Milgrom  
Email: richard.milgrom@umanitoba.ca  
Research: Dr. Milgrom’s research addresses the social impact of urban form, from the local to regional scale. In recent years, this has focused primarily on the production of age-friendly communities. He has led student groups that have studied walkability and accessibility in Manitoba’s cities and towns. He is currently working to expand this work to a regional scale. He is examining the unequal demographic changes that are emerging at a regional scale and how the needs of an aging population can be accommodated in areas with declining populations and services. Dr. Milgrom is interested in working with students with GIS skills and interests in social equity.

ENVIRONMENTAL DESIGN PROGRAM

Alyssa Schwann  
Email: alyssa.schwann@umanitoba.ca
Research:
Alyssa’s research involves projects that are looking at how design might engage with the natural and cultural world – a perspective brought from the application of ecological wisdom in research, design, sustainable development, and policy processes. The projects are tethered to an approach that responds to cultural landscapes and to the roots of their locations – to place. The work is focused on how design interfaces with intangible cultural heritage and landscapes, Indigenous relations to land, knowledge sharing, and stakeholder participation. Specific themes include: Mughal Gardens (Kashmir & Maharastra, India); Museum of Anthropology (Vancouver, BC); Northern Canada; Okanagan Valley (BC); and Philippine Cordilleras.