

Timmithea Chan

*Licensed Architect, OAA
B.Sc., M.Arch., Rice University*

PRACTICE

- May 2024
- Present
- Urban Design Advisory Panel Member, City of Burlington, ON**
Provide independent and professional critiques of design proposals for development projects and city planning. I review architectural and urban design submissions to ensure they meet Burlington's standards for aesthetics, functionality, and sustainability.
- Oct 2020
- Present
- Principal Architect, Embios Architecture (formerly NICHIER Studio), Oakville, ON**
Selected Projects:
The Beer Store Corporate Office Interiors, Caledon, 2021 completion, We Share. We Play Community Donation Hub concept, 2020, 546 Perth Residence, 2022 - ongoing, 62 Stauffer House 2023 - ongoing, Potters Wheel Cresc, 2023 - ongoing
- June 2015
- March 2020
- Architect, CGS Architects Inc. (formerly Thier + Curran Architects Inc.), Hamilton, ON**
Selected Projects:
Haldimand County Administration Building, 2020, 121-125 King St Condominiums, 2018, Franklin School, 2018, Hamilton West Harbour Revitalization, 2016, Diamond Estates Winery, 2015
- Managed multiple projects in various stages of design and construction
 - Produced SPA, Permit and Construction drawing sets for projects of educational, institutional and commercial types located in Hamilton, Cayuga and the West GTA
 - Responsible for corresponding with clients, AEC+L consultants and city staff
 - Attended meetings with various collaborators and stakeholders
 - Performed General Field Reviews
 - Performed Contract Administration tasks such as reviewing shop drawings, issuing Certificates of Payment, and responding to RFIs
 - Created design presentation packages using 3D modeling and rendering
- Feb 2013
- May 2015
- Architectural Designer, Graziani + Corazza Architects, Mississauga, ON**
Selected Projects:
Red Maple Towns, 2014, Carling + Preston, Ottawa, 2014; Ville, Mississauga, 2014; Varley, 2013
- Experience in SPA, re-zoning, concept design phases for over 15 large mixed use condominium projects located in the GTA, especially in the city of Toronto, Vaughan, Mississauga and Oakville
 - Created design presentation packages using 3D modeling and rendering
 - Design and Development of condominium unit layouts and marketing drawings
 - Reviewed city by-laws, code and design guidelines to inform design
 - Managed projects in various stages of design and construction, supervise junior staff, and attend meetings with stake holders, clients, and AEC consultants
- Feb -
Oct 2012
- Project Designer, SWA Group Landscape Architects, Houston, TX**
Selected Projects:
Lusail Crescent Park, Doha, Qatar, 2012
- Part of a team selected to design and execute construction documents within a tight timeframe of six months for the massive Lusail Crescent Park project (10 acre park) for the FIFA games in Lusail city.

- April -
Sept. 2011 **Internship, SPARK Architects, Shanghai**
Assisted in conceptual and schematic design for large-scale mixed used developments in Shanghai
- Responsible for site analysis, massing studies, sun and shadow studies and design drawings
- April -
Sept. 2010 **Internship, davidclovers Architects with David Erdman and Clover Lee, Hong Kong**
Selected Projects:
Butterfly House; Lunar House; Stanley House
- Assisted with construction documents and corian material mockups for Lunar House
 - Participated in various stages of design for residential projects and interiors
- April -
Sept. 2009 **Internship, Khoury Levit Fong Architects, Toronto**
Selected Projects:
House of Arts and Culture, Beirut; Museum of Polish History, Warsaw
- Assisted with production of design drawings for research projects and competitions
- 2008 - 2009 **Project Designer, Solar Decathlon Competition, Rice University**
- Part of the Site Design team for the Solar House, which was completed in Houston and transported for exhibition at the National Mall in Washington, DC.

TEACHING EXPERIENCE

- 2016- 2017 **Design Studio Instructor, RAIC Syllabus Program, Toronto, Canada**
Responsible for teaching Level 5 Design Studio where students designed a hospice and crematorium facility at a site near Humber River, Toronto. Students were prompted to explore themes of ritual, memory and emotion in architecture.
- 2015- 2016 **Full Time Instructor, Dept. of Architecture, South Dakota State University, USA**
Taught senior undergraduate and graduate level architecture studios and courses. Courses taught include: ARCH 651 - Pro Design II Studio, ARCH 631 - Building Technology II (Envelopes), ARCH 342 - Building History (Urbanism), ARCH 451/551 Whole Building Studio, ARCH 411 - Site Design and Theory, ARCH 492/692 - Topics Seminar. Provided service to the university through recruitment, student advising and assisted in the program's NAAB accreditation process.
- Fall 2011 **Co- Instructor, Arch 305, Rice University, Houston, USA**
Lectured in the topics of Form, Structure and Technology with Professor John Casbarian. Students were given weekly assignments and final design projects.
- 2006 - 2008 **Instructor, BC Creative Center, Richmond, Canada**
Taught creative design, illustration, photoshop and other design technology classes weekly to young adults.

EDUCATIONAL BACKGROUND

Masters of Architecture, Rice University, Houston, TX

Full Tuition Scholarship Award for academic excellence, 3 years duration

Bachelors of Science (Specialization in Cell Biology and Genetics), University of British Columbia, Vancouver, BC

PROFESSIONAL AFFILIATION

2012 - present Ontario Architects Association

2015 - present Hamilton and Burlington Society of Architects

2012 - present Rice Alumni Association

2012 - 2015 Toronto Society of Architects

HONORS, AWARDS AND SCHOLARLY ACTIVITIES

2020 **Competition**, WeShare.WePlay: A New Infrastructure for Mental Resilience, OAA Shift Challenge

2017 **Speaker**, Intensive Design Workshop, Architectural Form, RAIC Syllabus

2016 **Public Exhibition**, Manufacturing Territories, Evergreen CityWorks, Hamilton

2016 **Speaker**, Sioux Falls Design Center Design Pecha Kucha on the topic of Manufacturing Territories

2014 **Competition**, Medic-alcove, Urge Awards

2012 **Public Exhibition**, Civic Superstructure, Rice University

2011 **Fellow**, Cite Magazine, Rice Design Alliance, Houston

2010-11 **Mrs. L.F. McCollum Fellowship for Best Academic Excellence**, Rice University

2010 **Speaker**, HyperDense Urban Exchange, Travelling Fellowship presentation, Rice University

2010 **Texas Architectural Foundation O' Neil Traveling Fellowship**, Hyper Dense Urban Exchange, Texas Architectural Foundation

2010 **John Crowder Traveling Fellowship**, Hyper Dense Urban Exchange, Rice University

2009 **Competition**, Bunkyo-ku Multimedia Community Center, Japan

2009 **Competition**, Eco-friendly Student Housing, Up to 35 Competition, Athens

2008 **Competition**, Legacy monument for donors, Pavilion Competition, Rice University

TECHNICAL SKILLS

- *Building Code*: NBC, OBC Parts 3+9
- *Drafting*: Autocad (12+ years)
- *Presentation*: Adobe Creative Suite - Indesign, Photoshop, Illustrator
- *3D Modeling*: Rhino, SketchUp; *3D Visualization*: Unreal Engine TwinMotion for Rhino and Sketchup
- *Project Management*: Microsoft Word, Excel, Bluebeam