

## EDUCATION

**University of California, Berkeley**

Master of Architecture, three-year program, 2005

Master of Science, Civil and Environmental Engineering (Structural Engineering, Mechanics and Materials), 2005

**Stanford University**

Bachelor of Science in Engineering, Architectural Engineering, 2000

Graduated with Distinction, Phi Beta Kappa and Tau Beta Pi

## ACADEMIC APPOINTMENTS

- 2015-present Associate Professor, School of Architecture, Portland State University, Portland, OR
- 2015-present Director, Building Science Lab to Advance Teaching (BUILT)
- 2009-2015 Assistant Professor, School of Architecture, Portland State University, Portland, OR
- 2007-2009 Assistant Professor, Department of Architecture, University of Oregon, Eugene, OR
- 2005-2007 Visiting Assistant Professor, School of Architecture, Montana State University, Bozeman, MT

## RECENT PUBLICATIONS

- Griffin C.T. (2016). Multi-performance retrofits to existing buildings. In *Proceedings of the Civil Engineering Research in Ireland Conference (CERI2016)*. Galway, Ireland, 29-30 August 2016.
- Boon, C., Griffin C.T., Papaefthimiou, N., Ross, J., & Storey, K. (2015). Optimizing spatial adjacencies using evolutionary parametric tools. *Perkins + Will Research Journal*, 7(2), 25-37.
- Griffin, C.T. (2015). Research-based design as translational research between the academy and practice. In *Proceedings of the Architectural Research Centers Consortium (ARCC) 2015 Conference*. Chicago, USA, 6-9 April 2015.
- Griffin, C.T., Douville, E., Thompson, B.A., & Hoffman, M. (2014). Using multi-performance criteria to evaluate long-span structural systems in schematic design. *Sustainable Structures: The Intersections of Structural Systems and Green Buildings, the proceedings of the 5th Annual School of Architecture Symposium*. Portland, OR. 17-18 April 2014.
- Griffin, C.T. (2014). The Paddington Terrace House: An Example of Incrementally Accommodating Change from the House to the City. In M. Bovatti, M. Caja, G. Floridi, M. Landsberger (Eds.), *Cities in transformation. Research & design. Ideas, methods, techniques, tools, case studies*. Padova, Italy: Il Poligrafo.
- Griffin, C.T., Bynum, L., Green, A., Marandyuk, S., Namgung, J., & Burkhardt, A. (2013). Comparing the embodied energy of structural systems in parking garages. In *Proceedings of the 2nd International Conference on Structures & Architecture (ICSA2013)*. Guimarães, Portugal, 24-26 July 2013.
- Griffin, C.T., Douville, E., & Thompson, B.A. (2013). A multi-performance comparison of long-span structural systems. In *Proceedings of the 2nd International Conference on Structures & Architecture (ICSA2013)*. Guimarães, Portugal, 24-26 July 2013.

Schmidt, J. & Griffin, C.T. (2013). Barriers to the design and use of cross-laminated timber structures in high-rise housing. In *Proceedings of the 2nd International Conference on Structures & Architecture (ICSA2013)*. Guimarães, Portugal, 24-26 July 2013.

McWilliams, H. & Griffin, C.T. (2013). A critical assessment of concrete and masonry structures for reconstruction after seismic events in developing countries. In *Proceedings of the 2nd International Conference on Structures & Architecture (ICSA2013)*. Guimarães, Portugal, 24-26 July 2013.

Griffin, C.T. (2013). Urban Filtration | Architecture as Watershed. In *Proceedings of the Annual ACSA Conference*. San Francisco, 21-24 March 2013.

Griffin C.T. (2011). Ordering the Structure of Light Wood Framed Row Houses to Sustainably Accommodate Change. In *Proceedings of an International Conference of CIB W104: Open Building Implementation and CIB W110: Informal Settlements and Affordable Housing*. Boston, MA, 15-17 November 2011.

Knowles C, Theodoropoulos C, Griffin C, and Allen J. (2011). Oregon design professionals views on structural building products in green buildings: implications for wood. *Canadian Journal of Forest Res.*, 41:390-400.

## SELECT GRANTS + AWARDS

Leveraging University/Industry Partnerships to Improve the Energy Efficiency of Buildings, Fulbright U.S. Scholar Grant at National University of Ireland, Galway, PI, 2016-2017, \$44,000.

Energy Efficiency Validation of Smart Apartments, OregonBEST, PI, 2016-2018, \$250,000.

Excellence in Teaching and Sustainability Award, Portland State University, 2016.

Achieving Sustainable Urban Buildings with Seismically Resilient Mass Timber Core Wall and Floor System. NSF Award #1563612, CMMI, co-PI, 2016-2019, \$410,000.

Kamelia Massih Outstanding Faculty Award, College of the Arts, Portland State University, 2015.

Research-based Design Teaching Laboratory, W.M. Keck Foundation, PI, 2015-2018, \$300,000.

Interdisciplinary, Research-based Engineering and Design (IRED) Green Building Scholars Program, NSF Award #1356679, S-STEM Program, Division of Undergraduate Education, PI, 2014-2019, \$630,978.

Research-based Design and Education: a collaboration between the PSU School of Architecture and professional practice, The Van Evera and Janet M. Bailey Fund of the Oregon Community Foundation. PI, 2013-2018, \$100,000.

Multidisciplinary Collaboration and Research-Based Design, NCARB Grant for the Integration of Practice and Education in the Academy. PI, 2011-2012, \$16,000.

Extending Research Capability for Evaluation of Multi-performance Building Systems, Facility Investment Grant, Oregon Built Environment and Sustainable Technologies (Oregon BEST) Center. Co-PI, 2010-2012, \$82,000.

Documenting Multi-performance Structural Systems to Reduce Cost and Increase Green Building Outcomes, Faculty Enhancement Grant, Portland State University. PI, 2010-2011, \$8,370.

John K. Branner Fellowship, College of Environmental Design, University of California, Berkeley. \$25,000. 2004.

## TEACHING

### *Portland State University, School of Architecture*

Building Structures, Arch 467  
Building Science Research Methods, Arch 563  
Advanced Architectural Structures, Arch 567  
Comprehensive Studio – Integrated Systems, Arch 586  
Architectural Design Studio, various levels  
Architectural Leadership, Arch 410/510

### *University of Oregon, Department of Architecture*

Sustainable Structural Design, Arch 462, co-taught with Christine Theodoropoulos  
Structural Behavior, Arch 461, co-taught with Stephen Duff  
Integrated Architectural Systems, Arch 407/507  
Architectural Design, Arch 484/584  
Introduction to Architectural Design, Arch 238 + 284

### *Montana State University, School of Architecture*

Introduction to Structures, Arch 242  
Advanced Building Systems, Arch 440  
Architectural Design, various levels

## PROFESSIONAL PRACTICE

### **Project Manager**

#### **Place Architecture, Bozeman, MT, 2006 – 2007**

Collaborated on the design of residential, commercial and civic projects ranging from single-family houses to a border station. Served as project manager for a mixed-use development and participated in all phases of the design process from schematic design to construction documents.

### **Konheim Fellow**

#### **Rocky Mountain Institute, Green Development Services, Old Snowmass, CO, 2002**

Researched the benefits of a greater connection between the built and natural environments in terms of occupant health and productivity, known as “biophilia,” for Green Development Services (GDS) at Rocky Mountain Institute. Participated in the GDS consulting practice through researching sustainable design and technologies, composing reports, and attending design charrettes.

## PROFESSIONAL SERVICE + AFFILIATIONS

Board of Directors, Association of Collegiate Schools of Architecture (ACSA), 2016-2019

Board of Directors, AIA Portland, 2015 – 2016

NSF Panelist, 2016

Peer Reviewer, International Journal of Sustainable Engineering, Journal of Professional Issues in Engineering

Education and Practice, ARCC Annual Conference, and others, 2012 – present

Leadership Institute Coordinator, AIA Northwest and Pacific Region, 2010 – 2014

Researcher, OregonBEST, 2008 – present

Associate AIA, 2012 – present