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Employment

University of Washington, Seattle <i>Department of Architecture</i>	Assistant Professor	9/13 – present
	Acting Assistant Professor	9/12- 9/13
	Pre-doctoral lecturer	1/09-9/12
	Teaching Assistant (TA)	9/08-12/08
<i>Dept. of Civil & Environmental Eng.</i>	Adjunct Asst. Professor	3/14 - present
Professional Engineering in California: License # C 73021		2008
LEED Accredited Professional (US Green Building Council)		2006
Magnusson Klemencic Associates Seattle, WA	Structural Design Engineer	10/06 - 10/08
University of Washington, Seattle <i>Dept. of Civil & Environmental Eng.</i>	Teaching Assistant (TA)	9/04-3/05
Clark Pacific (arch. & struct. pre-cast) Sacramento, CA	Project Engineer	5/03 - 6/04
East Bay Municipal Utility District Oakland, CA	Engineering Aide	5/02 - 12/02
UC Berkeley Space Sciences Lab Berkeley, CA	Engineering Asst.	1/00 - 10/00

Education

University of Washington Seattle, Washington	Ph. D. in the Built Environment College of Built Environments Dissertation: “Expressive Structure: The Life and Work of Matthew Nowicki”, College of Built Environments, University of Washington	April 2013
University of Washington Seattle, Washington	Master of Science (structural) Civil and Environmental Engineering Thesis: “X-ray tomography for evaluation of damage in concrete bond.”	May 2006
University of California, Berkeley Berkeley, California	Bachelor of Science with Honors Civil and Environmental Engineering	May 2003
Universita per Stranieri Siena, Italy	Attestato di Frequenza e Profitto	April 2002

Publications

Books – Under contract

Sculpture on a Grand Scale: Jack Christiansen's Thin-shell Structure, University of Washington Press, Advance contract signed, manuscript in production for deliver September 2016.

Peer-Reviewed Journal Articles

"Structural Products of Place: The Era of Reinforced Concrete Skyscrapers in Seattle", *Pacific Northwest Quarterly*, accepted for publication June 2015

"Hyperbolic Paraboloids in the Post-war Americas," *Journal of Construction History, Special Issue: Construction History in the Americas*, vol. 28 (1), 2013. pp.165-184

"Fettered by the Traditions of Modernity" Re-theorizing Chandigarh's Global Heritage" co-author with Manish Chalana, University of Washington, *Planning Perspectives*, vol. 28 (2), 2013. pp. 199-222.

"Lighted Fair is Magic Landscape : The A-Y-P at Night," *Pacific Northwest Quarterly*, vol. 100 (2), Spring 2009. pp 70-78.

Refereed Conference Proceedings

"WATCH/ RESPOND/ ACT/ PLAY: A Hybrid Approach for Architectural Structures Education", *Building Technology Educators Society Bi-Annual Conference*, Salt Lake City, UT, 24-26 June 2015

"Sculpture on a Grand Scale: The Structural Geometry of Jack Christiansen's Thin Shells", *International Conference of Construction History (ICCH5)*, Chicago Ill., 3-5 June, 2015

"The Rise of the Bearing-Wall Skyscraper: A Perspective from Seattle", *International Conference of Construction History (ICCH5)*, Chicago Ill., 3-5 June, 2015

"Structural & Material Evaluation of Thin Shell Concrete (Hyperbolic Paraboloid) Structures in the Pacific Northwest", *Mid-Century Modern Structures Symposium, National Center for Preservation Technology and Training*, St. Louis, MO, 16 April 2015

"The Conservation of Thin-Shell Concrete Structures", 9th International Conference on Structural Analysis of Historic Constructions, 14-17 October, 2014, Mexico City

"Floating Roofs": The Dorton Arena and the Development of the Modern Tension Roof" abstract accepted, paper submitted to the *International Conference of Structures and Architecture, Portugal*, 2013

"Embracing Disciplinary Diversity: A Design Studio Pedagogy for Collaborative Learning" *Theory by Design Conference*, (Primary author, with Ken Yocom & Manish Chalana) Architectural Sciences of the Artesis University College of Antwerp, Belgium, October 2012,

"Eero Saarinen, Eduardo Catalano and the Influence of Matthew Nowicki: A Challenge to Form and Function", *Nexus Network Journal*, vol. 12 (2), May 2010. Pp. 249-258

"The Cobb Building Renovation" *Preservation Seattle*, Historic Seattle, June 2006

"The Stability of Interior Corners", *Column 5 (University of Washington Department of Architecture)*, Summer 2006.

Research Activities

Precast/Prestressed Concrete Institute Foundation Grant, "Performative Precast: An Integrated Architectural Studio + Research Program," (PI) with Rick Mohler, Jim Nichols Winter 2015 (\$25,000 per year, for three years), Spring 2015 / 2016/ 2017

"Structural Literacy for Architectural Historians", Pending Proposal to National Science Foundation, Co-PI with Maria Garlock (Princeton University), Laura Hollengreen (Georgia Tech), Tom Leslie (Iowa State University), Bob Reitherman (CUREE) & Stephen Ressler (US Military Academy), 1 January 2016...*pending*...

"Shannon & Wilson Office Building", Landmark nomination to the *City of Seattle Landmarks Preservation Board*, 10 April 2015. (Thin-shell concrete building, designed in 1958), co-authored with Susan Boyle (BOLA Architects) & Eugenia Wu (Historic Seattle).

Global Architectural History Teaching Collaborative (GAHTC), "Global Connections in 'rock-cut' or non-tectonic architecture", PI with Vikramaditya Prakash, Spring 2015 (\$8,000)

Royalty Research Fund, University of Washington, "Architecture, Structure & Post-war Complexity: Matthew Nowicki in the Post-war Era", (PI) Initial Application Fall 2014 – Unsuccessful, Revised Resubmission, Spring 2015 (*unsuccessful*)

Organizing member of "Structural Engineers of the Seattle World's Fair" interview project, with the Structural Engineers Foundation (SEF), a part of Structural Engineers Association of Washington (SEAW). 30 May 2012. Script writing and technical advisor for forthcoming documentary, Spring 2013.

Elisabeth Walton Potter Research Award, SAH Marion Dean Ross Chapter, "A Preservation Survey of Hyperbolic Paraboloids in the Pacific Northwest," (PI) March 2012

Center for the Study of the Pacific Northwest, Travel & Research Grant, "A Preservation Survey of Hyperbolic Paraboloids in the Pacific Northwest", (PI) January 2012

Member of organizing faculty team for "People for the Parks" Competition sponsored by the Van Alan Institute to redesign/ rethink the interpretation/ preservation approach of San Juan Island National Historic Park. Design of initial seminar class, and development of studio thesis & syllabus for competition in Winter of 2012

Assistant Coordinator and Participant in "Getting to 50" Building Survey, sponsored by the *Preservation Green Lab*, National Trust for Historic Preservation. Neighborhood survey of low rise commercial and industrial buildings, to create comprehensive database of building information to assist in Energy Retrofit assessment, and future seismic evaluations. Fall 2011.

Society of Architectural History, Marion Dean Ross (Pacific Northwest Chapter)
Award: Wendell Lovett Travel Award to present at regional SAH conference, October 2011

John Nolen Research Fund, Division of Rare and Manuscript Collections, Cornell University, Ithaca, NY, Support research in the history of city and regional planning, (PI) May 2011

University of Washington, Department of Architecture, 2008-present

Award: Nellis *Top Scholar Award*, Spring Quarter 2009

Grants: National Science Foundation Fellowship, Funded Research, "X-ray tomography investigation of bond in reinforced concrete," (Graduate Researcher), 2005-2006

Other Scholarly Activities

Invited Lectures and seminars

"John Stevens: Civil Pioneer", American Society of Civil Engineers, Annual Meeting, Portland Oregon, 10 October 2016.

"The Bearing-Wall Skyscraper: the Pacific Northwest's Role", *Structural Engineers Association of the Northwest*, bi-annual conference, Seattle, WA, 18 September, 2014,

Panel Moderator for December 2012 Meeting of the *Structural Engineer's Association of Washington*, discussion on the 'Structural Engineers of the Seattle World's Fair', 27 November 2012

Conference Session Organization

Originator & Organizer, with Marci Ulien (University of Illinois) and Robert Dermody (Roger Williams University), "Structure as Design Knowledge", 2016 ACSA Conference, Seattle, Washington

Referred Presentations for at conferences

"Restricted Creativity: Jack Christiansen's Cylindrical Shells", *Construction History Society of America*, 5^h Biennial Conference, Austin TX, 29 May 2016

"A Lost/Found Future of Modern Architecture: the Reputation of Matthew Nowicki", *Society of Architectural Historians, Annual Meeting*, Pasadena, CA, 8 April 2016

"Sculpture on a Grand Scale: The Structural Geometry of Jack Christiansen's Thin Shells", *Construction History Society of America + AIA Minnesota Annual Conference*, Minneapolis, MN, 14 November 2014

"The Rise of the Bearing-Wall Skyscraper: A Perspective from Seattle", *Construction History Society of America + AIA Minnesota Annual Conference*, Minneapolis, MN, 12 November 2014

"The Seattle City Light Tower & The Rise of Concrete Skyscrapers in the Pacific Northwest", *Society of Architectural Historians, Pacific Northwest Chapter*, Seattle, WA, 3 October 2014

"Beauty, Versatility, Practicality: The Innovative Construction of Hyperbolic Paraboloids in Post-war America", presented to the bi-annual meeting of the Construction History Society of America, MIT, Cambridge, MA 2 November 2012.

"A Module of Northwest Modernism: Hyperbolic Paraboloids in the Pacific Northwest" presented at the annual meeting of Marion Dean Ross, Northwest Chapter of the Society of Architectural Historians, 7-9 October 2011, Boise, Idaho.

"Ephemera and Permanence : The Legacy of Lighting the A-Y-P Lighting", at 'Luminous Architecture in the 20th Century (1907-1977)', 10-12 December 2009, Nantes, France

"A History of Wood Construction on the UW Campus", presentation to regional chapter of Association of Preservation Technology, Seattle, WA, 14 March 2009

"Lighted Fair is Magic Landscape: The A-Y-P at Night", presented at the annual meeting of Pacific Northwest Historians Guild, Seattle, WA, 7 March 2009

"A Digital Investigation of Concrete Fracture : Extracting Spatial Information from Images", MS thesis presented to UW Built Environment Colloquium, Seattle, WA, 22 Jan. 2009

"Analysis: Are we teaching the wrong stuff?" panel member at ASCE Structures Congress, 18th Analysis and Computation Conference, Vancouver, BC, 24 April 2008

Poster Sessions

"Casting Studio", Poster prepared for the Precast/Prestressed Concrete Institute Annual Meeting, Nashville, TN, 3 March 2016

Blog Contributions

"Casting Studio" posted to university of Washington, Department of Architecture blog, <http://uwarch-belog.com/index.php/2016/01/casting-studio/>, 10 January 2016

"Abu Dhabi Summer" posted to University of Washington, Department of Architecture blog, <http://uwarch-belog.com/index.php/2015/05/with-summer-rapidly-approaching-assistant-professor-tyler-sprague-recalls-last-summers-whirlwind-trip-to-abu-dhabi/>, 26 May 2015

"Building Chandigarh... Brick by Brick" *Globalization and the Modernist City: The Chandigarh Experience*, Vikramaditya Prakash, ed., (University of Washington India Program, March 2011)

"Structures in the Summer" posted to University of Washington, Department of Architecture blog, <http://uwarch-belog.com/index.php/2012/09/structures-in-the-summer/> 3 September 2012

"Hyperbolic Paraboloids and Northwest Modernism" posted to University of Washington, Department of Architecture blog, <http://uwarch-belog.com/index.php/2012/04/hyperbolic-paraboloids-and-northwest-modernism/>. 23 April 2012

"The Bricks of Chandigarh" posted to University of Washington, Department of Architecture blog, <http://uwarch-belog.com/index.php/2011/09/the-bricks-of-chandigarh/>, 12 September 2011

References, citations and edits provided for Prakash, Vikram "Third World Modernism or Just Modernism? Towards a Cosmopolitan Reading of Modernism" in Lu, Duanfang. *Third World Modernism: Architecture, Development and Identity*. New York, NY: Routledge, 2010. Print.