

Christopher M. Meek, AIA

Associate Professor
University of Washington Department of Architecture

Integrated Design Lab
1501 E. Madison St. Suite 200
Seattle, WA 98122

Direct: 206 616 7014
Office: 206 616 6556

Email: cmeek@u.washington.edu

Curriculum Vitae
May 2015

EDUCATIONAL BACKGROUND

Master of Architecture, December 2002 (Faculty Medal)

- University of Washington, Department of Architecture, Seattle, WA
- Specialization: Architectural Design, Design with Climate, Daylighting, Architectural Lighting

B.A. Architecture, June 1996

- University of New Mexico, School of Architecture and Planning

EMPLOYMENT

2015 – Present	Associate Professor Department of Architecture University of Washington, Seattle, WA
2012 – 2014	Research Associate Professor Department of Architecture University of Washington, Seattle, WA
2006 – 2012	Research Assistant Professor Department of Architecture University of Washington, Seattle, WA
2003-2006	Project Designer Associated Studios Design Collaborative w/ David Jaffe, AIA Seattle, WA Residential and Commercial Architecture Design
2002-2006	Lecturer/Research Associate Department of Architecture University of Washington, Seattle, WA
2001-2002	Research Assistant P/T Department of Architecture- Daylighting Lab University of Washington, Seattle, WA
1997-2000	Project Designer H. Hershberg and Associates Architects, Inc., New Orleans, LA Commercial/Institutional Architecture

PROFESSIONAL REGISTRATION

Registered Architect, State of Washington (#9109), May 2006

National Council of Architectural Registration Boards (NCARB), May 2006

CREATIVE ACHIEVEMENT, RESEARCH AND SCHOLARSHIP

1. PUBLICATIONS

1a. BOOKS PUBLISHED

- 2015** Meek, C., Van den Wymelenberg, K.; *Pocket Architecture: Daylighting and Integrated Lighting Design* co-authored; Taylor & Francis (Routledge), London, UK, December 2015 This book is part of the Pocket Architecture Series edited by Prof. Ryan Smith. It is concerned with providing a tactical guide on daylight and electric lighting for architects.
- 2012** Meek, C., Van den Wymelenberg, K.; *Daylighting Design in the Pacific Northwest* co-authored; November 2012; UW Press; Seattle and London; This book examines research, practice, and daylighting design methods and outcomes through fifteen built projects in the Pacific Northwest, and describes the tools and methods of the Integrated Design Lab (IDL) network.

1b. ARTICLES, PROCEEDINGS, TECHNICAL PAPERS

- 2015** Hashemloo, A., Inanici, M., Meek, C.; *GlareShade: A visual comfort based approach to adaptive shading*; Journal of Building Performance Simulation; Submitted for peer-review
- Petersen, N. Gilbride, M., Meek, C., *Dynamic Façades: Exploring Responsive Building Skins In A Comprehensive Design Studio*, Proceedings of the American Solar Energy Society (ASES) 2015 National Conference; State College, PA, Accepted
- Meek, C., Gilbride, M., Ojaama, H., Norwood, W.; *The Bullitt Center Experience: A Day in the Light – Measured Performance of Dynamic Daylighting and Glare Control*; Building Enclosure Science and Technology (BEST4) Conference of the National Institute for Building Science, Kansas City, KS; April 2015; accepted Presents envelope and lighting performance of the Bullitt Center in Seattle, WA. As part of a four-paper series and panel discussion entitled “The Bullitt Center Experience.”
- 2014** Ojamaa, H., Gilbride, M., Helmers, A., Meek, C.; *Rainier Tower Secondary Window Systems Full Scale Mock-up Report (Winter Months 2014)*; Technical Report to the Northwest Energy Efficiency Alliance (NEEA); Portland, OR, 28

April 2014; *Technical report on full-scale mock-up of secondary window system in an existing suite evaluating condensation, glare, heat transfer, and physical installation.*

Anderson, K.; *Design Energy Simulation for Architects: Guide to 3D Graphics*; Taylor & Francis (Routledge), London, UK, 2014; pp. 8, 41, 129-136, 209-215, 221-229; *Presents methodologies and case studies of applied simulation methods led by C. Meek at the UW IDL for multiple projects, including the Austin Central Library (Lake Flato Architects), and the Bullitt Center (Miller Hull Partnership).*

2013 Meek, C., Bruot, A.; *Toward Net-Zero Energy Buildings with Energy-Harvesting Electro-Chromic Windows*; International Building Performance Simulation Association (IBPSA) Biennial Building Simulation Conference 2013; Aix-le-Bain, France; 26 August 2013; *Peer-reviewed*; *Presents findings of simulated energy performance of EH-ECWs in commercial office buildings in four climate zones as part of an NSF-EFRI SEED grant.*

Meek, C., Bruot, A.; *Combined Solar Power Production and Dynamic Shading with Energy Harvesting Electrochromic Windows (EH-ECWs)*; Proceedings of the American Solar Energy Society (ASES) 2013 National Conference; *Peer Reviewed*; *Presents solar production potential of EH-ECWs in commercial office buildings in four climate zones as part of an NSF-EFRI SEED grant.*

Meek, C, Van Den Wymelenberg, K.; “Mystery through Daylight”; *Lighting Design and Application (LD+A) the Magazine of the Illuminating Engineering Society of North America*, January 2013; *Book chapter from Daylighting Design in the Pacific Northwest.*

Meek, C., Helmers, A., Loveland, J.; *Existing Building Renewal: Integrated Measure Package (IMP) Builder*; Report to the Northwest Energy Efficiency Alliance (NEEA); Portland, OR, 1 January 2013

2012 Meek, C., Bruot, A., Caldwell, L.; *Simulation of Dynamic Daylighting and Glare Control Systems for a Six-Story Net-Zero Office Building in Seattle, WA*; Building Enclosure Science and Technology (BEST3) Conference of the National Institute for Building Science, Atlanta, GA; 3 April 2012; *Peer-reviewed*; *Presents advanced simulation methods led by C. Meek at the UW IDL for dynamic solar control and shading systems for a net-zero office building being developed in Seattle for the Bullitt Foundation.*

Meek, C., Helmers, A; Pineo, C., Stoeckle, A., Loveland, J; *Existing Building Renewal: Integrated Measure Packages for High Rise Commercial Real Estate Office Buildings*; Report to the Northwest Energy Efficiency Alliance (NEEA); Portland, OR, 28 March 2012; *Provides pilot-ready technical packages of integrated energy efficiency measures designed to reduce energy consumption in high-rise commercial office buildings by at least 50% in the Pacific Northwest as part of NEEA’s Existing Building Renewal (EBR) Initiative.*

Meek, C., Bruot, A.; *Simulation of Visual Comfort and Energy Performance of Organic Energy Harvesting Electrochromic Windows (EH-ECWs) in Commercial Office Buildings*; ACSA Annual Conference, Boston, MA; 2 March 2012; *Refereed*; *Presents findings of simulated energy performance of EH-ECWs in commercial office buildings in four climate zones as part of an NSF-EFRI SEED grant.*

Heschong, L., et al; *LM-83-12 Approved Method: IES Spatial Daylight Autonomy (sDA) and Annual Sunlight Exposure (ASE)*; Publication of the Illuminating Engineering Society of North America; Prepared by the Daylight Metrics Committee, Approved by the IES Board of Directors, October 2012;; *Provides new approved metrics for daylight performance using annual analysis. Meek served as an advisory member to the committee.*

2011 Van den Wymelenberg, K.; Meek, C.; *Daylighting Pattern Guide: A Choreographed Simulation-Based Approach to Learning*; International Building Performance Simulation Association (IBPSA) Biennial Building Simulation Conference 2011; Sydney, Australia, 18 Dec 2011; *Peer Reviewed*; *Published in Conference Proceedings*; *Presents development, simulation and data collection, methodologies and outcomes of a simulation-based daylighting design and educational web tool developed in partnership with New Buildings Institute.*

Meek, C., Helmers, A., Pineo, C., Stoeckle, A., Loveland, J; *Existing Building Renewal: Market Characterization- Energy Efficiency and Building Systems in Existing High-Rise Commercial Office Real Estate*; Report to the Northwest Energy Efficiency Alliance (NEEA); Portland, OR, 31 Dec 2011; *Details background research, construction assemblies, vintages and energy performance of a sample population of existing high-rise commercial office buildings in the Puget Sound area.*

Meek, C, Van Den Wymelenberg, K.; *A Guide to Daylighting Success: A Study of Daylighted Spaces Around the U.S.*; Lighting Design and Application (LD+A) the Magazine of the Illuminating Engineering Society of North America, September 2011; *Presents development, simulation and outcomes of a simulation-based daylighting design and educational web tool developed in partnership with New Buildings Institute.*

Liu, Bing, Editor, *Advanced Energy Design Guide for Small to Medium Office Buildings: Achieving 50% Energy Savings Toward a Net Zero Energy Buildings*; Publication of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers; Original Photography by C. Meek and K. Van Den Wymelenberg supporting Terry Thomas Building Case Study; pp.50-51; July 2011; *Project won a 2009 AIA National Committee on the Environment (COTE) Top-Ten Green Building Award*; *Used to illustrate best practices for daylighting and solar control. Daylighting and visual comfort simulation and analysis of project led by C. Meek at UW IDL .*

DiLaura, D., Houser, K, Mistrick, R., Steffy, G., Editors; *IES Lighting Handbook, Tenth Edition*, Fig. 14.2 and 19.1; Case Study on IDL Consulting work Original

Photography by C. Meek and K. Van Den Wymelenberg included in “Section 2. Designing Daylighting,” Publication of the Illuminating Engineering Society, July 2011; *Project won a 2009 AIA National Committee on the Environment (COTE) Top-Ten Green Building Award; Used to illustrate best practices for daylighting and solar control. Daylighting and visual comfort simulation and analysis of project led by C. Meek at UW IDL.*

Meek, C.; Van Den Wymelenberg, K; Frankel, M.; *Web-Site: A Daylighting Pattern Guide: Developing a Visual Vocabulary for Daylighting Design Decision-Making; <http://patternguide.advancedbuildings.net>
A simulation-based daylighting design and educational web tool developed in partnership with New Buildings Institute and the University of Idaho.*

Meek, C., Brennan, M.; *Automated and Manual Solar Shading and Glare Control: A Design Framework for Meeting Occupant Comfort and Realized Energy Performance; American Solar Energy Society (ASES) 2011 National Conference;; Raleigh, NC; 18 May 2011 ; Peer Reviewed; Presents a design framework for the optimization of solar shading and glare control in commercial office buildings.*

Hamilton, et. al.; *Advanced Lighting Guidelines (ALG Online); Contributor: Energy Efficient Lighting Case Studies for Renovation and New Construction for the Advanced Lighting Guidelines; New Buildings Institute; Presents case studies of energy efficient lighting system integration using IDL-influenced building projects.*

Dunn, Ryan; *Research Insider; UW Today; Interviewed by author for publication, for popular press article on National Science Foundation interdisciplinary research project*

2010 Meek, C.; Breshears, J.; *Dynamic Solar Shading and Glare Control for Human Comfort and Energy Efficiency at UCSD: Integrated Design and Simulation Strategies; American Solar Energy Society; Phoenix, AZ; 19 May 2010; Peer Reviewed; Presents design process integration and advanced simulation for energy efficiency and increased thermal and visual comfort conducted by C. Meek at UW IDL, IBE Engineering (Thousand Oaks, CA), and ZGF Architects (Portland, OR).*

Sethi, Amarpreet; Marseille, Tom; *Old Concepts, New Tools: The Terry Thomas; High Performance Buildings: The ASHRAE Journal; Quoted in article about daylighting work by UW IDL led by C. Meek on project, original photography included in article and on cover; Summer 2010; Project won a 2009 AIA National Committee on the Environment (COTE) Top-Ten Green Building Award.*

Breshears, J.; Meek, C.; *Quantifying the Dynamic Envelope: Climate Responsive Design for Thermal, Visual Comfort, and Energy Performance in a Laboratory Building at the University of California San Diego; Building Enclosure Sustainability Symposium; Pomona, CA; 16 April 2010; Presents simulation process and design integration for energy efficiency measures for a new 300,000 square foot four-story bioengineering lab at UCSD.*

- Meek, C.; Hamilton, B.; Parsley, K.; *Daylighting Guide for the Commercial Office*; New Buildings Institute; www.advancedbuildings.net; <http://www.advancedbuildings.net/interior-architects-guide-daylighting>; November 2010; *A practice guide for daylighting and electric lighting system integration for existing commercial office buildings.*
- 2009** Lash, Jennifer; Architectural Lighting Magazine, *Daylighting Grocery Stores*; March 2008; *Contributor: Interviewed by author for publication, Provided data from IDL Technical Reports (authored by Meek, C); Provided photography (by Meek, C.) that was used to illustrate publication, quoted in publication.*
- Von Rueden, C., Mugford, V., Meek C., Bartholomew, E.; *University of Washington Integrated Design Lab*; Poster Proceedings of the 96th Association of Collegiate Schools of Architecture (ACSA) Conference, March 2008
- 2008** Meek, C.; Bartholomew, E.; *Integrated Lighting for Fire Stations: Daylighting and Electric Lighting Strategies*; City Green Building/Seattle Department of Planning and Development, http://www.seattle.gov/fleetsfacilities/firelevy/docs/Nat_DaylightTB-8.pdf; December 2008 *A practice guide for daylighting and electric lighting system integration for new fire stations for the City of Seattle Department of Planning and Development.*
- 2009** Van Den Wymelenberg, K, and Loveland, J.; Meek, C.; *Daylighting Lab Operations and Management Plan*; American Solar Energy Society Conference Proceedings, June 2006
- Anderson, Linda; *Albertsons Nets 1 Billion Kilowatt Hours*; GreenBiz Magazine (Reprint); March 2006; *Contributor: Interviewed by author about research findings, technical details, project specifics, quoted four times, provided photography to illustrate publication.*
- Anderson, Linda; *Albertsons Nets 1 Billion Kilowatt Hours*; Northwest Current (Power Industry Journal); January 2006; *Reprint of above publication*
- Meek, C.; *A Case for Commissioning*; Greener Buildings, February 2006, originally published in *Northwest Currents*, January 2006
- 2005** Van Den Wymelenberg, K, and Loveland, J.; Meek, C.; *Daylighting Lab Operations & Management Plan*; The Lighting Research Center – Daylight Dividends, Rensselaer Polytechnic Institute, December 2005
- Cartier, S.; *Going Green: New Approaches to Sustainable Building*; Northwest Science and Technology; Fall, 2005, *Contributor: Interviewed by author for publication, provided technical information for publication, Quoted in publication.*

DiLouie, Craig; *Good Controls Design Key to Saving Energy with Daylighting*; Lighting Controls Association; March 2005; *Contributor Interviewed by author about Lab research projects, Quoted in publication.*

Loveland, J.; Meek, C.; *Sky's the Limit*; Athletic Business; December 2005

2004 Meek, C.; *Refining the Window*; Lighting Design Lab Newsletter, Spring 2004

2003 Loveland, J.; Meek, C.; *Daylight by Design*; Lighting Design and Application (LD+A), October 2003

2. RESEARCH PROPOSALS & GRANTS AWARDED

2015 Meek, C., Integrated Design Lab Operation and Other Services”; Northwest Energy Efficiency Alliance; \$481,000 (2015) (\$1,500,000 2015-2018) **Awarded**

Meek, C. PI; Gilbride, M., Senior Personnel: “Evaluation and Acceleration of Dynamic Shading and Glare Control Systems for Increased Energy Efficiency and Human Comfort in Pacific Northwest Buildings”; Bonneville Power Administration Program Solicitation FY15 Technology and Innovation FOA#: BPA-00002882; \$370,000, **In Review**

Meek, C. PI; Gilbride, M., Senior Personnel: “Transforming the Daylighting Pattern Guide into an Integrated Daylighting and Energy Design Guide”; Bonneville Power Administration Program Solicitation FY15 Technology and Innovation FOA#: BPA-00002882; \$185,000, Sub-Proposal to University of Oregon, Total proposal \$540,000 **In Review**

2014 Meek, C. PI; Loveland, J.; Burpee, H., Senior Personnel; “University of Washington (UW) Center for Integrated Design (CID) application to join the Sustainably Integrated Buildings and Sites (SIBS) NSF Industry/University Cooperative Research Center”; Partnership led by Cox, R. at University of North Carolina, Charlotte; National Science Foundation; \$150,000
Letter of intent accepted, encouraged to submit planning grant proposal

Meek, C.; Hatten, M.; “Integrated Energy Design Assistance for New Construction 2014-2015”; Puget Sound Energy; \$40,000 **Pending**

Meek, C., PI; Co-PI: Loveland, J.; Integrated Design Lab Operation and Other Services”; Northwest Energy Efficiency Alliance; \$519,000 (2014) (*\$1,024,000 cumulative*) **Awarded**

O’Connor, Stephen, PI; Bassok, A., Meek, C.; Senior Personnel; “WA Department of Licensing Research Project on LEED Building Valuation” ,

Washington State Department of Licensing; \$86,000 (via Runstad Center for Real Estate) **Awarded**

Luscombe, C. PI; Co-PIs: Cooper, J.; Kuga, Y.; Meek, C.; Taya, M.; National Science Foundation REM; “Research Experience and Mentoring for Under-Represented Students in STEM – Summer 2014” (Supplemental to EFRI-SEED: Towards Zero-Energy Buildings Based on Energy Harvesting Electrochromic Window (EH-ECW) and Thermoelectrics (TE) Systems); National Science Foundation; \$80,000 (\$8,600 to UW IDL) **Awarded**

Meek, C.; Hatten, M.; “Integrated Energy Design Assistance for Pacific Tower (former Amazon Headquarters)”; Innovate Washington; \$36,000 **Proposal pending**

Burpee, H. PI; Loveland, J., Meek, C., Pena, R.; Senior Personnel; U.S. Dept. of Energy, Office of Energy Efficiency and Renewable Energy (EERE) Commercial Building Technology Demonstrations. “Zero-Net Energy Technology Innovation Test Bed and Market Transformation Platform for Commercial Real Estate: The Bullitt Center.” *5 year project, \$1.3 million Federal Funding with confirmed \$1.3 million match from the Northwest Energy Efficiency Alliance, The Bullitt Foundation, and The University of Washington – Total \$2.6 million* **Full Application – Not Awarded**

Loveland J. PI; Burpee, H., Meek, C., Pena, R.; Senior Personnel; “Sustainability Research Networks Competition (SRN) 2014 Focus: Urban Sustainability”; National Science Foundation; *Sub-Proposal with California Polytechnic University; \$12 million (\$625,000 in to UW)* **Proposal Pending**

Burpee, H. PI; Hatten, M., Loveland, J., Meek, C.; Senior Personnel; U.S. Dept. of Energy, Office of Energy Efficiency and Renewable Energy (EERE) Commercial Building Technology Demonstrations. “Advanced Re-Commissioning: Healthcare Energy Efficiency Toolkit (HEET).” In collaboration with SOLARC Engineering and Energy+Architectural Consulting. *4 year project, \$1.66 million Federal Funding with confirmed \$1.66 million match from Providence Healthcare system– Total \$3.3 million* **Full Application – Not Awarded**

Meek, C.; “Daylighting Design Assistance for Burke Museum Replacement, Seattle, WA”; Olson Kundig, Seattle, WA; \$9,000 **Awarded (via IDL Revenue Acct.)**

Meek, C.; “Daylighting and Electric Lighting Integration Rowland Hall Athletic Complex, Salt Lake City, UT) EHDD Architecture; \$10,500 **Awarded (via IDL Revenue Acct.)**

- Meek, C.; “Daylighting and Electric Lighting Integration Mark Day School, San Rafael, CA) EHDD Architecture; \$8,400 *Awarded (via IDL Revenue Acct.)*
- Meek, C.; “Daylighting and Electric Lighting Integration Bellevue Congregational Church, Bellevue, WA) Atelier Jones; \$3,000 *Awarded (via IDL Revenue Acct.)*
- 2013** Meek, C. PI; Co-PIs Burpee, H.; Hatten, M.; Loveland, J. “Getting to Zero Educational Program Development”, American Institute of Architects National Innovation Grant (via AIA Seattle); \$24,000 *Awarded (via IDL Revenue Acct.)*
- Loveland, J., Meek, C., Hatten, M.; “Integrated Energy Design Assistance for New Construction 2013-2014”; Puget Sound Energy; \$40,000 *Awarded (via IDL Revenue Acct.)*
- Meek, C.; “Daylighting and Electric Lighting Integration Westside School, Seattle, WA”; Sundberg Kennedy Ly-Au Young Architects; \$4,000 *Awarded (via IDL Revenue Acct.)*
- Luscombe, C. PI; Co-PIs: Cooper, J.; Kuga, Y.; Meek, C; Taya, M.; National Science Foundation REM; “Research Experience and Mentoring for Under-Represented Students in STEM – Summer 2013” (Supplemental to EFRI-SEED: Towards Zero-Energy Buildings Based on Energy Harvesting Electrochromic Window (EH-ECW) and Thermoelectrics (TE) Systems); National Science Foundation; \$100,000 (\$10,000 to UW IDL) *Awarded*
- Meek, C., PI; Co-PI: Loveland, J.; Integrated Design Lab Operation and Other Services”; Northwest Energy Efficiency Alliance; \$505,000 (2013) *Awarded*
- Meek, C.; “Daylighting and Electric Lighting Integration Kingsgate Library, Kirkland, WA) Sundberg Kennedy Ly-Au Young Architects; \$3,000 *Awarded (via IDL Revenue Acct.)*
- Meek, C.; “Millikan Laboratory Renovation; Pomona, CA”; EHDD Architecture, Seattle, WA; \$8,500 *Awarded (via IDL Revenue Acct.)*
- 2012** Luscombe, C. PI; Co-PIs: Cooper, J.; Kuga, Y.; Meek, C; Taya, M.; National Science Foundation REM; “Research Experience and Mentoring for Under-Represented Students in STEM – Summer 2012” (Supplemental to EFRI-SEED: Towards Zero-Energy Buildings Based on Energy Harvesting Electrochromic Window (EH-ECW) and Thermoelectrics (TE) Systems); National Science Foundation; \$80,000 (\$8,600 to UW IDL) *Awarded*
- Meek, C; “Daylighting Pattern Guide plus Energy (DPG+E): Pilot Phase”; Private foundation funding arranged by New Buildings Institute; \$12,500 *Awarded*

Meek, C.; “Daylighting Design and Analysis for Chatham University Eco-Center, Pittsburgh, PA”; Mithun Architects, Seattle, WA; \$8,500 *Awarded (via IDL Revenue Acct.)*

Loveland, J.; Meek, C.; “Daylighting Design Assistance for the Georgia Tech Engineered Bio-Systems Building, Atlanta, GA”; Lake Flato Architects.; \$37,500 *Awarded (via IDL Revenue Acct.)*

2011 Meek, C.; “Daylighting and Façade Design for the Altman Clinical and Translational Research Institute at UCSD, La Jolla, CA”; University of California San Diego Facility Design and Construction/ZGF Architects Los Angeles, CA; \$37,000 *Awarded (via IDL Revenue Acct.)*

Meek, C.; “Daylighting Design Assistance for the Aiea Library, Aiea, HI”; Fermata Consulting and CDS International with support from Hawaiian Electric Company (HECO).; \$1,500 *Awarded (via IDL Revenue Acct.)*

Meek C.; “Publication Support for Daylighting Design in the Pacific Northwest by the University of Washington Press”; Office of the Dean, College of Built Environments, University of Washington; \$2,500 *Awarded*

Meek, C.; “Daylighting Design and Analysis for Stierlin Court 2011 +2021 (Google X), Mt. View, CA”; Mithun Architects, Seattle, WA; \$12,500 *Awarded (via IDL Revenue Acct.)*

Meek, C.; “Daylighting and Electric Lighting Integration for the University of Arizona Cancer Center, Tucson, AZ”; ZGF Architects Los Angeles; \$28,000 *Awarded (via IDL Revenue Acct.)*

Meek, C.; “Development of an Educational Curriculum for Energy Efficient Lighting for the Advanced Lighting Guidelines”; New Buildings Institute; \$20,000 *Awarded*

2010 Meek, C; Van den Wymelenberg, K.; “Development of a Daylighting Pattern Guide: Phase 2”; Private foundation funding arranged by New Buildings Institute; Collaboration with University of Idaho; \$212,000 (*\$106,000 in UW funding*) *Awarded*

Taya, M., PI; Co-PIs: Cooper, J.; Kuga, Y.; Luscombe, C; Meek, C; “Emerging Frontiers in Research and Innovation: Science in Energy and Environmental Design (EFRI-SEED): Towards Zero-Energy Buildings Based on Energy Harvesting Electrochromic Window (EH-ECW) and Thermoelectrics (TE) Systems”; National Science Foundation; \$2,000,000 (*\$398,000 to UW College of Built Environments*) *Awarded*

- Meek, C.; “Daylighting Design and Analysis for Guadalajara Museum of Contemporary Art: Large Exhibition Space 9”; Herzog and DeMeuron/Light Team Gustavo Aviles, Mexico, D.F.; \$5000 **Awarded (via IDL Revenue Acct.)**
- Meek, C.; “In Support of Publication of *Daylighting Design in the Pacific Northwest*”; to the University of Washington Press; Northwest Energy Efficiency Alliance (NEEA); \$15,000 **Awarded**
- Meek, C.; “Energy Efficient Lighting Case Studies for Renovation and New Construction for the Advanced Lighting Guidelines”; New Buildings Institute; \$8,000 **Awarded**
- Loveland, J.; Meek, C.; “Daylighting Design Assistance for the Austin Public Library, Austin, TX”; Lake Flato Architects.; \$43,000 **Awarded (via IDL Revenue Acct.)**
- Loveland, J.; Burpee, H.; Meek, C. “Integrated Design Assistance for Valley Medical Center ED and Treatment”; NBBJ.; \$27,600 + Northwest Energy Efficiency Alliance Match; \$47,700 **Awarded**
- Loveland, J.; Meek, C.; Pena, R. “Energy Performance and Daylighting Services for Everett Community College Index Health Careers Building”; SRG Partnership.; \$36,000 + Northwest Energy Efficiency Alliance Match; \$37,220 **Awarded**
- 2009** Meek, C.; “Design and Simulation of a Dynamic Shading System for the Health Sciences Biomedical Research Facility 2, La Jolla, CA”; University of California San Diego Facility Design and Construction/ZGF Architects; \$25,000 **Awarded (via IDL Revenue Acct.)**
- Meek, C., “Development of a Daylighting Pattern Guide”; Foundation Funding Arranged by New Buildings Institute; \$120,000 **Proposal Phase - Accepted**
- Meek, C., “Realizing Daylight Potential in Office Tenant Improvements”; Interior Architects, Inc./New Buildings Institute; \$15,000 **Awarded**
- Taya, M. PI; Co-PI Cooper, J., Kuga, Y., Luscombe, C., Meek, C.; “Emerging Frontiers in Research and Innovation: Science in Energy and Environmental Design (EFRI-SEED) Preliminary Proposal: Towards zero-energy buildings based on energy harvesting electrochromic window (EH-ECW) and thermoelectrics (TE) systems”; National Science Foundation; \$2,000,000 **Preliminary Proposal Phase - Accepted**
- 2008** Meek, C.; “Daylighting Design Assistance: Programming for UCSD Health Sciences Biomedical Research Facility 2” to University of California San Diego

- Facility Design and Construction/ZGF Architects; \$14,000 *Awarded (via IDL Revenue Acct.)*
- 2006** Meek, C., Bartholomew, E.; “Technical Brief: Daylighting Fire stations”; to City of Seattle Department of Planning and Development; \$10,000 *Awarded (via IDL Revenue Acct.)*
- Loveland, J. Van Den Wymelenberg, K. and Meek, C., “The Development of a National Daylighting Metric for Spatial Lighting and Energy Performance”; \$80,000 *Awarded*
- Meek, C.; “Daylighting Design and Analysis for Pratt and Whitney Building ‘G’ Conversion”; S/L/A/M Collaborative Architects and Engineers, Glastonbury, CT; \$4500 *Awarded (via IDL Revenue Acct.)*
- Meek, C.; and Loveland, J.; “Sunlight Reflection for Installation of Giante Egg (by Anish Kapoor) at Meydenbauer Bay” to the Blumen Consulting Group, Kirkland, WA; \$5,000 *Awarded (via IDL Revenue Acct.)*
- Meek, C; “Daylighting Analysis for UBC Okanogan new Engineering Building” to Bunting Coady Architects and the University of British Columbia; \$3,500 *Awarded (via IDL Revenue Acct.)*
- 2007** Meek, C; “Daylighting Analysis for UBC Museum of Anthropology Addition with Arthur Erickson/Stantec Architecture”; BC Hydro and the University of British Columbia; \$5000 *Awarded (via IDL Revenue Acct.)*

3. PAPERS PRESENTED, INVITED LECTURES AND PANELS

- 2015** Building Energy Exchange (BEeX), “Integrated Daylight at the Bullitt Center”; New York; 5 May 2015; *Invited*
- “Perspectives on being the Architect co-Principal Investigator on an EFRI-SEED Grant” ; National Science Foundation EFRI – SEED Grantees meeting, San Francisco, CA; San Francisco; 10 April 2015; *Invited*
- “On Daylighting”; Illuminating Engineering Society of North America San Francisco Chapter; hosted by HOK San Francisco; San Francisco; 8 April 2015; *Invited*
- NSF EFRI – SEED Grantees meeting, San Francisco, CA; San Francisco; 10 April 2015; *Invited*

- Lightfair International 2013; “Case Studies of Daylight and Energy Performance”; with Kevin Van Den Wymelenberg; Las Vegas, NV; 6 May 2015
- Lightfair International 2013; “One-Day Daylighting Fundamentals Workshop”; with Kevin Van Den Wymelenberg; Las Vegas, NV; 4 May 2015; *Invited*
- Illuminating Engineering Society of North America (IESNA) Roadshow “Emerging Daylighting Metrics: Case Studies and Application”; Anchorage Alaska; 19 March 2015; *Invited*
- 2014** US Green Building Council Hawaii Chapter; “Net-Zero Building Design: The Bullitt Center: Design and Performance”; Honolulu, HI; 24 June 2014; *Invited*
- Illuminating Engineering Society of North America (IESNA) Roadshow “Emerging Daylighting Metrics: Case Studies and Application”; Honolulu, HI; 24 June 2014; *Invited*
- Illuminating Engineering Society of North America (IESNA) Roadshow “Emerging Daylighting Metrics: Case Studies and Application”; Los Angeles, CA; 20 May 2014; *Invited*
- Illuminating Engineering Society of North America (IESNA) Roadshow “Emerging Daylighting Metrics: Case Studies and Application”; Santa Barbara, CA; 20 May 2014; *Invited*
- Lightfair International 2014; “An Ecology of Light: Ten Steps to Daylighting Success”; with Kevin Van Den Wymelenberg; Las Vegas, NV; 3 June 2014
- Lightfair International 2014; “Two-Day Daylighting Fundamentals Workshop”; with Kevin Van Den Wymelenberg; Las Vegas, NV; 1 June 2014; *Invited*
- University of British Columbia; “Case Studies and Simulation Methods from the Integrated Design Lab” and design studio critique; Vancouver, BC, Canada; 13 March 2014; *Invited by Prof. Joseph Dahmen*
- Conrnish College of the Arts; “Lighting and Integrated Design”; Seattle, WA; 24 March 2014; *Invited by Inst. C. J. Brockway*
- Illuminating Engineering Society of North America (IESNA) Roadshow “Emerging Daylighting Metrics: Case Studies and Application”; Reno, NV; 8 January 2014; *Invited*
- 2013** Illuminating Engineering Society of North America (IESNA) Roadshow “Emerging Daylighting Metrics: Case Studies and Application”; San Diego, CA; 18 December 2013; *Invited*

- Greenbuild 2013 National (US Green Building Council) Conference; “The Lichen and the Rock: Integrated Design and Daylighting” with Bill LaPatra, Partner, Mithun; Philadelphia, PA; 21 November 2013; *Peer Reviewed*
- Pacific Energy Center; “Dynamic Lighting and Controls and Electric Lighting Simulation Fundamentals Workshop”; with Halley Fitzpatrick, ARUP Lighting; San Francisco, CA; 17 October, 2013; *Invited*
- International Building Performance Simulation Association (IBPSA) Biennial Building Simulation Conference 2013; “Toward Net-Zero Energy Buildings with Energy-Harvesting Electrochromic Windows”; Aix-le-Bain, France; 26 August 2013; *Peer-Reviewed*
- Lightfair International 2013; “One-Day Daylighting Fundamentals Workshop”; with Kevin Van Den Wymelenberg; Philadelphia, PA; 21 April 2014; *Invited*
- American Solar Energy Society (ASES) 2013 National Conference; “Combined Solar Power Production and Dynamic Shading with Energy Harvesting Electrochromic Windows (EH-ECWs)” with Amanda Bruot, UW M. Arch Candidate; Baltimore, MD; 18 April 2013; *Peer Reviewed*
- Pacific Energy Center; “Daylighting and Integrated Electric Lighting” Energy Efficient Lighting Series with Hayden McKay; March 2013, San Francisco, CA
- American Institute of Architects Albuquerque, NM Chapter; “AIA+2030 Series: Integrated Design Case Studies”; Albuquerque, NM; 8 March 2013; *Invited*
- Interviewed by Paula Wissel for a radio spot on, KPLU 88.5 about *Daylighting Design in the Pacific Northwest*; 5 February 2013; *Invited*
- American Society of Heating Refrigeration, and Air Conditioning Engineers (ASHRAE) 2013 Winter Conference, “Deep Energy Retrofits: Existing Building Renewal Technical Packages”; Technical presentation: December 2013, Dallas, TX; *Peer Reviewed*
- Interviewed on the radio program *Weekday with Steve Scher*, KUOW 94.9 about *Daylighting Design in the Pacific Northwest* (Book publication by Meek and Van Den Wymelenberg); 10 January 2013; *Invited*
- 2012** Alaska Chapter American Institute of Architects; “Light and Dark”; Fairbanks Alaska; 3 February 2012; *Invited*
- Kinestral Technologies Inc.; “Simulation Methods and Performance Metrics for Visual Comfort and Energy Performance of Organic Energy Harvesting Electrochromic Windows (EH-ECWs) and Dynamic Façade Systems”, Palo Alto, CA; 11 May 2012; *Invited*

Building Enclosure Science and Technology (BEST3) Conference of the National Institute for Building Science.; “Simulation of Dynamic Daylighting and Glare Control Systems for a Six-Story Net-Zero Office Building in Seattle, WA”; Atlanta, GA; 3 April 2012, *Peer-Reviewed Paper Presentation and Panel Discussion*

National Science Foundation (NSF) Emerging Frontiers in Research and Innovation (EFRI) Grantees Conference 2012; “Progress on Towards Zero-Energy Buildings Based on Energy-Harvesting Electrochromic Window (EH-ECW) and Thermoelectrics (TE) Systems” with Professor Minoru Taya (Project PI); Arlington, VA; 8 March 2012; *Co-Presentation and Poster Session*

Association of Collegiate Schools of Architecture (ACSA) Annual Conference; “Simulation of Visual Comfort and Energy Performance of Organic Energy Harvesting Electrochromic Windows (EH-ECWs) in Commercial Office Buildings”; Boston, MA; 2 March 2012; *Peer-Reviewed Paper Presentation and Panel Discussion*

American Institute of Architects Boise Chapter; “AIA+2030 Series: Illuminating Savings: Daylighting and Integrated Lighting Strategies”; Boise, ID; 3 February 2012; *Invited*

American Institute of Architects and UNC Charlotte School of Architecture; “AIA+2030 Series: Illuminating Savings: Daylighting and Integrated Lighting Strategies”; Charlotte, NC; 16 February 2012; *Invited*

2011 American Solar Energy Society (ASES) 2011 National Conference; “Automated and Manual Solar Shading and Glare Control: A Design Framework for Meeting Occupant Comfort and Realized Energy Performance”; with Martin Brennan, UW M. Arch Candidate; Raleigh, NC; 18 May 2011; *Refereed*

Lightfair International 2011; “Two-Day Daylighting Fundamentals Workshop”; with Kevin Van Den Wymelenberg; Las Vegas, NV; 13-14 May 2011

Harvard Graduate School of Design; “A Daylighting Pattern Guide: Development of a Visual Vocabulary for Design”; Boston, MA; 10 March 2011; *Invited*

Cascadia GBC/Living Building Institute; “Cascadia Center for Sustainable Design of a Net-Zero Energy Office Building Design for the Bullitt Foundation”; with Rob Pena; Vancouver, BC Canada; 17 February, 2011; *Invited*

“Climate Responsive Design: Simulation and Schematic Design”; Tec de Monterrey and Universidad de Guadalajara (Joint Lecture) Departments of Architecture; Guadalajara, Mexico; 18 January 2011; *Invited*

- AIA Seattle Advanced Façade Design Symposium; (Panelist); Seattle, WA, January 2011; *Invited*
- 2010** Lawrence Berkeley National Laboratories (LBNL) Building Technologies Department; “eLearning Platform for Lighting and Daylighting (eLAD): An Open Source Platform/Tool-kit/Resource Package/Curriculum for High Performance Lighting and Daylighting Solutions”; Invited Core-Participant; Berkeley, CA; Summer 2010; *Invited*
- American Institute of Architects Southwest Washington Chapter; “Illuminating Savings: Daylighting and Integrated Lighting Strategies”; Tacoma, WA; 15 June 2010; *Invited*
- American Solar Energy Society (ASES) 2010 National Conference; “Dynamic Solar Shading and Glare Control for Human Comfort and Energy Efficiency at UCSD: Integrated Design and Simulation Strategies”; with John Breshears, Principal, ZGF Architects; Phoenix, AZ; 19 May 2010 ; *Peer Reviewed*
- Lightfair International 2010; “Two-Day Daylighting Fundamentals Workshop”; with Kevin Van Den Wymelenberg; Las Vegas, NV; 11-12 May 2010
- High Performance Building Enclosures Sustainability Symposium (BESS); “Quantifying the Dynamic Envelope: Climate Responsive Façade Design for Thermal and Visual Comfort and Energy Performance”; with John Breshears, Principal, ZGF Architects; California Polytechnic State University, Pomona, CA; 1 May 2010; *Peer Reviewed*
- UW Design Machine Group (DMG) Lab Lunch Design Computing Colloquium 2010; “Dynamic Façade Modeling Tools for Energy Performance and Daylighting”; Seattle, WA; 19 May 2010
- Advanced Lighting Design; Art Institute of Seattle; (Invited by Instr. David Brueggeman); “Lecture: Daylighting Design: Integration of Interiors, Systems and Furniture”; 14 February 2010
- Department of Planning and Development; “Building Morphology and Passive Design and Energy Efficiency Strategies: Implications of Massing, Fenestration, and Open Space”; Seattle Municipal Tower; 10 February 2010
- 2009** City of Seattle Design Review Board (DRB)- All-Board Meeting; “Building Morphology and Passive Design and Energy Efficiency Strategies: Implications of Massing, Fenestration, and Open Space”; Seattle Municipal Tower; 3 December 2009

American Institute of Architects; “AIA+2030 Series: Illuminating Savings: Daylighting and Integrated Lighting Strategies”; Seattle City Hall; 13 November 2009

Seattle City Light/Department of Planning and Development; “Daylighting Design and Thermal and Energy Implications for Large Office Buildings and Multi-Family Towers”; with Tom Marseilles, PE, Managing Principal Stantec Engineering ; Seattle City Hall; 9 October 2009; *Invited*

Northwest Washington AIA; “Light Transformation: The Daylighting Work of the UW Integrated Design Lab”; 9 July 2009; *Invited*

Lightfair International 2009, New York, NY: Daylighting Institute Workshop: “Advanced Daylighting Design: Toplighting + Sidelighting; 3 May 2007; *Invited*

Parsons the New School for Design, New York, NY; Lighting Studio II; Design Review Panel, 4 May 2009; *Invited by Prof. Matthew Tanteri, IALD*

University of Idaho College of Art and Architecture; Integrated Design Lab; “Daylighting Design and Simulation: Practice and Projects”; *Invited Lecture Series*

AIA Portland, OR; “Shaping Architecture: Daylighting Design and Simulation” Three Hour Workshop; 3 April 2009 *Invited*

ZGF Architects, Portland, OR; “Design Strategies for Dynamic Daylighting Systems”; Facilitated One-Day Design Charette ; 15 February 2009

Zero Waste Alliance; Portland, OR “Introduction to Daylighting and Integrated Design”; Half-Day Workshop, 16 January 2009

Lighting Design; Art Institute of Seattle; (Invited by Instr. Marilyn Ward); “Lecture: Daylighting Design: Integration of Interiors, Systems and Furniture”; 30 April 2007 at AIS; 10 May 2006 at IDL; 1 Feb 2006 at IDL; 24 Aug 2005 at AIS; 18 Aug 2005 at AIS

Bassetti Architects, Seattle, WA; “Daylighting and High Performance School Design”; 8 January 2009; *Invited*

2008 AIA National Convention and Design Exposition; Boston, MA; “Integrated Lighting Design” Day-Long Workshop with Joel Loveland and Edward Bartholomew; 14 May 2008; *Invited*

Lightfair International; Las Vegas, NV; “Daylight Design, Performance and Commissioning: Challenges for Contemporary Practice”, with Prasad Vaidya, IESNA, Principal, The Weidt Group; 26 May 2008 (*Invited*)

- USGBC Cascadia Chapter, SBA Portland, OR “Daylighting Metrics, Design, and Modeling”; 26 April 2008; *Invited*
- International Association of Lighting Designers; Seattle, WA, “Navigating LEED with Light” with Edward Bartholomew; 28 March 2008; *Invited*
- Horton Lees Brogden Lighting Design (New York, NY) Annual Retreat, “Daylighting Design, Simulation, and Analysis at the Integrated Design Lab Seattle”; 15 March 2008; *Invited*
- 2007** Canada Solar Conference 2007; Calgary, AB; “Case Studies in Daylight Simulation from the University of Washington Integrated Design Lab | Seattle” University of Calgary; 13 June 2007; *Invited*
- Canada Solar Conference 2007; Calgary, AB; “Shaping Light: Daylight and Architectural Form” University of Calgary, Department of Environmental Design; 13 June 2007; *Invited*
- IES Portland: “Advanced Daylighting Strategies”; Portland, OR; Oregon Chapter Illuminating Engineering Society (IES); 2 June 2007; *Invited*
- Lightfair International 2007, New York, NY: Daylighting Institute Workshop: “Advanced Toplighting: Physical and Digital Modeling”; 7 May 2007; *(Invited)*
- Lightfair International 2007, New York, NY: Daylighting Institute Workshop: “Advanced Sidelighting” (with Mathew Tantieri, Parsons School of Design); 7 May 2007; *Invited*
- Architectural Institute of British Columbia (AIBC) Annual Conference, Vancouver, BC; “Light Re-Construction: Case Studies in Daylight Simulation” (with Joel Loveland, University of Washington); 26 April 2007; *Invited*
- 2006** BetterBricks High-Performance Building Design Lecture Series: “Daylight Design: High Performance Offices”; 14 November 2006; *Invited*
- Seattle City Light Industrial Design Forum; “Best Practices: Daylighting and Integrated Electric Lighting for Industrial Spaces”; 19 October 2006; *Invited*
- BetterBricks High-Performance Building Design Lecture Series: “Daylight Design: High Performance Hospitals”; 10 October 2006; *Invited*
- BetterBricks High-Performance Building Design Lecture Series: “Daylight Design: High Performance Schools”; 12 September 2006; *Invited*

Society of Building Science Educators (SBSE) Annual Retreat, “Evolving the Culture of Light for Energy: A Model for Impacting Design Practice”, Pingree Park, CO; 17 July 2006; *Refereed*

Council of Education Facility Planners International (CEFPI) Annual Conference, “Daylight and Integrated Design in Pacific Northwest Schools” with Boris Srdar, AIA Principle NAC Architecture and Brian Boettcher P.E. Hargis Engineering, and Kas Kincade, Cascade Design Collaborative; Tacoma, WA; 9 May 2006; *Invited*

2005 “Daylighting Design for Integrated Lighting Controls” Betterbricks Controls Curriculum, World Trade Center, Portland, OR Lab with Michael Lane, LC, IES; 26 November 2005; *Invited*

“Daylighting Design for Integrated Lighting Controls” at Lighting Design Lab, Seattle with Eric Strandberg, LC; 19 November 2005; *Invited*

Puget Sound Chapter Construction Specifications Institute Annual Conference (Pro-Spec 2005); “Case Studies from Seattle’s UW Daylighting Lab”; 19 May 2005; *Invited*

AIA Northwest Regional/AIA Seattle, Conference 2005, *Knowledge by Design* “Architecture in the Best Light”; 5 August 2005; *Invited*

4. CREATIVE PRACTICE AND TECHNICAL REPORTS (SELECTED PROJECTS)

2014 Mark Day School; San Rafael, CA; *EHDD Architecture (In Progress)*
Pacific Tower (former Amazon HQ); Seattle, WA; *Innovate Washington (In Progress)*
Burke Museum; Seattle, WA; *Olson Kundig (In Progress)*
Google Offices; Kirkland, WA; *DLR Group*
Camana Block 5 Offices; Georgetown, Cayman Islands; *Lake Flato Architects*
Rowland Hall Athletic Facility; Salt Lake City, UT; *EHDD Architecture*
West Side School; Seattle, WA; *Sundberg Kennedy Ly-Au Young Architects*
Bellevue First Congregational Church, Bellevue, WA; *Atelier Jones (In Progress)*
Kingsgate Library; Kirkland, WA; *Sundberg Kennedy Ly-Au Young Architects*

2013 The Perot Family Offices; Dallas, TX; *Mithun*
Lincoln Square Expansion, Bellevue, WA; *Puget Sound Energy*
Net-Zero Energy Private School; Bellevue, WA; *Becker Architects*
Lloyd 700; Portland, OR (*As Part of NEEA’s Existing Building Renewal Initiative*)
An Undisclosed High-Rise in Downtown Seattle, WA; (*As Part of NEEA’s Existing Building Renewal Initiative*)

2012 Pomona College; Milliken Astrophysics Laboratory; *EHDD Architecture*
Georgia Tech Engineered Bio-Systems Building; Atlanta, GA; *Lake Flato Architects*

- The Standard Insurance Building; Portland, OR; (*As Part of NEEA's Existing Building Renewal Initiative*)
 Aiea Library, Oahu, HI; *Fermata*
 Austin, TX Central Library; Austin, TX; *Lake Flato Architects (In Progress)*
 Chatham University Eco-Center; Philadelphia, PA; *Mithun*
 Northwest School Gymnasium; Seattle, WA; *Mithun*
 UCSD Altman Clinical and Translational Research Institute; *ZGF Architects*
- 2011** UCSD Health Sciences Biomedical Research Facility 2; La Jolla, CA; *ZGF Architects*
 The Bullitt Center; Seattle, WA; *Miller Hull Partnership*
 UW Mercer Hall; Seattle, WA; *Fielden Clegg/Ankrom Moisan*
 Project for Google, Inc., Mountain View, CA; *Mithun*
 South Puget Sound Community College; Olympia, WA; *SRG Partnership*
 Valley Medical Center ED and Treatment; Auburn, WA; *NBBJ*
 South Seattle Transfer Station; Seattle, WA; *The Miller Hull Partnership*
 Goodwill Industries Headquarters, Seattle, WA; *Mithun*
 Factoria Transfer Station; Factoria, WA; *JRMA Architects (Los Angeles)/HDR Engineering (In Progress)*
- 2010** Guadalajara Museum of Contemporary Art: Large Exhibition Space 9"; Guadalajara, MX; *Herzog and DeMeuron/Light Team Gustavo Aviles, Mexico, D.F.*
 UCSD Health Sciences Biomedical Research Facility 2; *ZGF Architects*
 South Puget Sound Community College; *SRG Partnership*
 Valley Medical Center ED and Treatment; Auburn, WA; *NBBJ* Everett Community College Index Health Careers Building"; *SRG Partnership*
 Museum of Flight – Space Shuttle Exhibit Hall; *SRG Partnership*
- 2009** UW Transportation Office (UPASS) Building; *Rolluda Architects*
 Edmonds School District Administrative Office Building; *Arai Jackson*
 Pierce Co. Solid Waste Transfer Station; *JRMA Architects (Los Angeles Office)*
 Tacoma Public Utilities South Service Center; *TCF Architecture*
 The International School, Mumbai; India, *Mithun*
 Hood River Middle School; *OPSIS Architecture*
 Kenmore Library; Kenmore, WA; *Weinstein A/U*
- 2008** UW Molecular Engineering Building; *ZGF Architects*
 Starbucks Sites World-Wide; *Starbucks Global Design*
 Whidbey Island NAS Hangars; *Patano-Haferman Architects*
 Seattle University A + A Building; *James Carey Architects*
 Center for Urban Waters; *Perkins+Will (2010 AIA Seattle What Makes It Green)*
 Finn Hill Middle School; *Mahlum Architects*
 Greenland Luwan Office Tower; Shanghai, PRC, *Callison Architecture*
 Nathan Hale High School Renovation; *Mahlum*
 Costco Stores (Nationwide); *Mulvaney G2*
 Sammamish Library; *Perkins+Will*
 Jewish Family Services Office Addition; *Weinstein A/U*
 1st United Methodist Church of Seattle Sanctuary; *Bassetti Architects*
 Daylighting Metrics; *Heschong Mahone Group/IESNA*
 Kenmore City Hall; *Weinstein A/U*
 Microsoft SafeCo Campus Expansion; *ZGF Architects*

- 2007** University of Michigan School of Architecture Addition; *Miller Hull Partnership*
SEA-TAC Rental Car Facility; *Callison*
PEAK Teen Center; *Weinstein A/U*
Bow Lake Transfer Station; *KPG Architects*
Kootenai Medical Center; *Mithun*
Private Aircraft Museum, Everett, WA; *Owen Richards Architects*
San Francisco Public Utilities Commission Office Building; *Pivotal Lighting*
People's Bank; Bellingham, WA; *RMC Architects*
Pratt and Whitney Building "D" Conversion; *S/L/A/M Collaborative*
University of Washington Medical Center South Tower; *NBBJ*
PSE Factoria Service Center; *Magellan Architects (LEED)*
Hillsboro Elementary Schools (#24, 25, 26); *Mahlum*
Riverwoods (KY) Environmental Learning Center; *Mithun*
Bellingham Children's Museum; *Olson Sundberg Kundig Allen (LEED)*
UBCO Engineering Building; *Bunting Coady Architects*
Rainier Vista Teen Center; *Weinstein A/U (LEED)*
University of Washington Savery Hall Renovation; *SRG Architects (LEED)*
Brightwater Interpretive Center Hall; *Mithun*
Massachusetts General Hospital; *NBBJ New York Office/NBBJ Lighting*
Columbia Springs Environmental Center; *Miller Hull Partnership (LEED)*
Issaquah High School; *Mahlum*
Pearl River Tower; Shanghai; *SOM Chicago and Pivotal Lighting*
- 2006** Center for Interactive Research on Sustainability (CIRS); *Busby Perkins+Will*
Seahawks Indoor Practice Field (IPF); *Crawford Architects / Flack+Kurtz*
Muckelshoot Tribal School; *Mahlum*
Jewish Day School; *Carlson Architects*
Wildhorse Interpretive Center; *Schacht Aslani*
UBC Museum of Anthropology; *Stantec Architecture / Arthur Erickson*
Tulalip Tribes Office Building; *Mithun*
Bellevue Community College Science Building; *Miller Hull Partnership*
Puyallup City Hall; *Mithun (LEED)*
Boeing 787 Assembly Facility; *NBBJ*
UW Educational Outreach Building; *Perkins+Will / Stantec Seattle*
PCC Grocery Store; Redmond, WA; *Velocipede Architects (LEED Gold)*
Barn Beach Environmental Center; *Bassetti*
Peninsula College Library; *Schacht Aslani*
Fire Station No. 10; Seattle, WA; *Weinstein A/U (LEED Silver)*
Town and Country Grocery Store; Poulsbo, WA; *Priscilla Zimmerman Architects*
Schreiber Lake School; *Mahlum*
Tacoma Community College Child Care; *McGranahan Architects*
Novelty Hill Winery; *Mithun (2007 AIA National Award- Interiors)*
- 2005** Starbucks Free Standing Building (FSB) Prototype; *Starbucks Global Design (LEED)*
Greenlab- South Lake Union Proposal; *Perkins+Will*
Northeast Transfer Station; *KPG / Paladino and Co. (AIA What Makes It Green Award 2008)*
Boise State University Student Services Building; *Miller Hull Partnership*
Lynnwood High School; *Bassetti*
Chinese Information Services Center; *Environmental Works*

- Carlton Winemaker's Studio; *Boxwood* (AIA Seattle Award 2007)
 Lau Highlands Community Resource Center; *Environmental Works* (AIA Seattle Award 2007)
 WECU Bank Branch and Offices; *Zervas Group / Be Green Consulting* (LEED Gold)
 North Cascades Environmental learning Center; *Henry Klein Partnership* (AIA Seattle Award 2007) (LEED Silver)
 Belltown Lofts; *Mithun*
- 2004** Whitman College Athletic Center; *Weinstein A/U* (AIA Seattle Award 2007)
 Walter Clore Wine and Culinary Center; *Boxwood*
 Terry Avenue Office Building; *Weber+Thompson* (LEED Gold) (AIA What Makes It Green Award 2008)(AIA COTE Top Ten Green Projects)
 Jackson Hole Visitor's Center; *Ensar Group*
 Woodland Park "Zoomazium"; *Mithun* (AIA Seattle Award 2007)
 SNOPUD Water Building; *Miller Hull Partnership*
 Missoula Federal Credit Union; *MMW Architects*
 Olympic Educational Service District Offices; *Cornerstone Architects*
 White Pines Charter School; *Mahlum*
 Hanford High School; *Integrus*
 Aleutian Spray Fisheries Offices; *Clark Design Group*
 Lincoln Heights Elementary School (Spokane); *Integrus* (Funded as part of the Washington Sustainable Schools (WSSP) Pilot Program)
 Tacoma Power Shops Building; *BCRA / Tacoma Power* (LEED)
 Vancouver Eco- "Big Box" Retail Prototype; *Peter Busby Architects*
 Bellingham Technical College Auto Shop; *Henry Klein Partnership*
 Bellevue City Hall; *SRG Partnership*
- 2003** Southwest Branch Library; *Olson Sundberg Kundig Allen*
 West Seattle Community Center; *Weinstein A/U*
 Cottage Lake Elementary School; *Bassetti*
 US DOE Childcare Facility Richmond, WA, *Environmental Works*
 St. Vincent's Hospital Neo-Natal Care; *CTA Architects*
 Seattle Country Day School; *Carlson Architects*
 Federal Way Head Start; *ARC Architects*
 Cascade One (Alley 24); *NBBJ* (AIA Seattle Award 2007)(LEED Silver)
 Southwest Seattle Community Center Addition; *Weinstein A/U*, (AIA Seattle Award 2007)
 Neighborhood House; *Environmental Works*
 Wilson High School Replacement; *NAC Architecture* (AIA Seattle Award 2007)
 Cascade Community Center; *Jones and Jones*
 Bertschi School Addition; *Miller Hull Partnership* (LEED)
 St. Charles Medical Center; *Callison* (AIA Seattle Award 2007)
 Rosewood Specialty Care; *LRS Architects*
 Lake Hills Elementary School; *NAC Architecture* (AIA Seattle Award 2007)
 Golden Gardens Bathhouse Renovation; *BOLA Architecture*
 Carkeek Park Environmental Center; *Selkirk Miller Hayashi* (LEED Gold)
 City of Seattle Joint Training Facility; *Boxwood* (LEED Silver)
 Teton Science School; *Mithun* (LEED Gold) (AIA Seattle Award 2007)
 Benjamin Franklin Elementary School; *Mahlum* (2006 AIA National Award) (AIA Seattle Award 2006)
- 2002** Douglas Border Crossing; *Bunting Coady Architects* (LEED Gold)

Boeing 737 and 757 Assembly; *NBBJ (AIA Award 2005)*
 Kitsap County Administration Building; *Miller Hull Partnership (AIA Seattle Award 2007)*
 Yesler Community Center; *Mithun (LEED Gold) (AIA Seattle Award 2007)*
 Albertson's Grocery Prototype; *Albertson's Corp.*
 EX3 Ron Sandwith Teen Center; *Weinstein A/U (AIA Seattle Award 2007)*
 Heritage Mountain School; *KMBR Architects*
 Northwest Maritime Museum; *Miller Hull Partnership*
 Bozeman Public Library; *Overland Partners*
 The Evergreen State College Campus Children's Center; *Environmental Works (AIA Seattle Award 2007)*
 UW Bioengineering Building; *Anshen+Allen*
 Montlake Library; *Weinstein A/U*
 Kitsap VA Hospital; *NBBJ*
 Seminar 2 Building; The Evergreen State College (*Mahlum AIA Seattle Award 2005*)
 Brotman Residence; *Olson Sundberg Kundig Allen*
 University of British Columbia (UBC) Life Sciences Centre; *Bunting Coady Architects (Illuminating Engineering Society (IESNA) Energy and Environmental Design Award 2005)*
 Portland Community College Sylvania Technology Center; *OPSIS Architecture*
 Martin Luther King Childcare Center; *Environmental Works*
 Ballard Library; *Bohlin Cywinski Jackson (AIA Seattle Award 2006)*
 Greenwood Library; *Buffalo Architects*
 Beacon Hill Library; *Carlson Architects (AIA Seattle Award 2006)*
 Northgate Library; *Miller Hull Partnership*

5. INVITED PEER REVIEWS AND COMMITTEES

- 2014** Session Chairperson; 32nd West Coast Energy Management Congress Conference; Session 3B: High-Performance Buildings: Let's Build this Together with Integrated Design; Seattle, WA, 26 June 2014
- Scientific Review Committee; Building Enclosure Science and Technology (BEST4); National Institute of Building Sciences Conference 2015; Kansas City, KA
- 2013** Session Chairperson; Passive Architecture Conference of the American Solar Energy Society (ASES)-Daylighting and Building Automation Track; Baltimore, MD; 19 April 2013
- Scientific Review Committee; Conference of the International Building Performance Simulation Association (IBPSA); Conference 2013; Aix-les-Bains, France, 2013
- Guest Juror, Retail Paradigms Sustainability Competition at MulvannyG2 Architecture; Bellevue, WA
- 2012** Co-Chair AIA Seattle; What Makes it Green? High Performance Building Awards and Educational Program; Seattle, WA

Greenlight New York (Lighting Energy Efficiency Center); Project Advisory Committee Member

- 2011** Daylighting Metrics Sub-Committee Member; Illuminating Engineering Society of North America (IESNA)
- Scientific Review Committee; Conference of the International Building Performance Simulation Association (IBPSA); Sydney, Australia, Conference 2011
- 2010** Lightfair International; Conference Advisory Committee; (Conference educational curriculum development, creation and review of proposals, approved speakers)
- 2009** Peer Review California Emerging Technology Program Office of the Future Phase II; 2009
- 2008** Lawrence Berkeley National Laboratory (LBNL); “High Performance Building Façade Solutions”; Member, Project Advisory Committee, November 2007- 2009
- 2005-2006** Lightfair International; Conference Advisory Committee; (Conference educational curriculum development, creation and review of proposals, approved speakers)

TEACHING

ACADEMIC EMPLOYMENT

- 2015 – Present **Associate Professor**
Department of Architecture
University of Washington, Seattle, WA
- 2012 – 2014 **Research Associate Professor**
Department of Architecture
University of Washington, Seattle, WA
- 2006 – 2012 **Research Assistant Professor**
Department of Architecture
University of Washington, Seattle, WA
- 2002-2006 **Lecturer/Research Associate**
Department of Architecture
University of Washington, Seattle, WA

2001-2002 **Research Assistant P/T**
Department of Architecture- Daylighting Lab
University of Washington, Seattle, WA

2001 **Teaching Assistant P/T**
Department of Architecture
University of Washington, Seattle, WA

1. ACADEMIC COURSES TAUGHT (*University of Washington*)

Spring 2014 ARCH 535, 3 Credits
Daylighting Design Seminar
(Elective) (Core Course Lighting Certificate)
Evaluation: 4.2 (3.9 Adjusted); Respondents: 7/7

ARCH 700 9 Credits
M. Arch. Thesis *GlareShade: A Visual Comfort Based Approach to Adaptive Shading Systems*/ M. Arch. Candidate Alireza Hashemloo;
Thesis Chair: Prof. Mehlika Inanici

ARCH 599, 3 Credits
Thesis Prep *Reconnecting Through Biophilic Design: Exploring the Human-Nature Connection Through the Built Environment*/ Post-Professional M. Arch. Candidate Heli Ojaama; Thesis Chair: Prof. Gundula Proksch; Other Committee Members: Prof. Heather Burpee, Christopher Meek

Winter 2014 ARCH 435, 3 Credits
Principles and Practice of Environmental Lighting
Co-Taught w/ Prof. Joel Loveland
(Elective) (Core Course Lighting Certificate)
Evaluation: 3.9 (3.5 Adjusted); Respondents: 12/16

Past Teaching Assignments

Autumn 2013 ARCH 599, 3 Credits
Thesis Prep *GlareShade: A Visual Comfort Based Approach to Adaptive Shading Systems*/ M. Arch. Candidate Alireza Hashemloo; Thesis Chair: Prof. Mehlika Inanici

Spring 2013 ARCH 535, 3 Credits
Graduate Seminar in Environmental Lighting (Daylighting Seminar)

(Elective) (Core Course Lighting Certificate)
Evaluation: 4.6 (4.4 Adjusted); Respondents: 7/7

ARCH 600 Independent Study, 3 Credits
Topics in Lighting and Building Energy Simulation Tools: Practice Methods
Kesinee Trakulpattanakorn (Post-Professional M. Arch Candidate)

Winter 2013 ME 599 (ME498), 3 Credits

Sustainable Energy Harvesting and Storage Materials and Systems (SEHSMS)
Taught with Taya, Cooper (ME), Luscombe (MSE), Kuga (EE) with support from the National Science Foundation (under EFRI-SEED)

ARCH 435, 3 Credits
Principles and Practice of Environmental Lighting
Co-Taught w/ Prof. Joel Loveland
(Elective) (Core Course Lighting Certificate)
Evaluation: 3.9 (3.5 Adjusted); Respondents: 7/16

Autumn 2012 ME 599 (ME498), 3 Credits

Sustainable Energy Harvesting and Storage Materials and Systems (SEHSMS)
Taught with Taya, Cooper (ME), Luscombe (MSE), Kuga (EE) with support from the National Science Foundation (under EFRI-SEED)

ARCH 498i, Integrated Design Lab Seminar (3 Credits/Year)

Spring 2011 ARCH 535, 3 Credits

Graduate Seminar in Environmental Lighting (Daylighting Seminar)
(Elective) (Core Course Lighting Certificate)
Evaluation: 4.8 (4.6 Adjusted); Respondents: 13/16

ARCH 599 Thesis Prep; 3 Credits
Flexibility in Light: A Component Based Daylighting System for Portable Toplit Galleries w/ M. Arch Candidate Louis Caldwell; Thesis Chair: Prof. David E. Miller.

ARCH 700; 9 Credits
M. Arch. Thesis: *Realizing Social Capital at the Phinney Neighborhood Center* w/ M. Arch. Candidate Martin Brennan; Thesis Chair: Prof. Dean Heerwagen, Other Committee Members: Prof. David Strauss, Christopher Meek

Winter 2011 ARCH 435, 3 Credits

Principles and Practice of Environmental Lighting
Co-Taught w/ Edward Bartholomew, IALD
(Elective) (Core Course Lighting Certificate)
Evaluation: 4.0; Respondents: 11/20 (Co-Evaluated)

ARCH 599 Thesis Prep; 3 Credits
The Architecture of Light: An Evidence Based Design Approach to Treating Winter Depression in Seattle w/ M. Arch. Candidate Steven Duncan; Thesis Chair: Prof. Mehlika Inanici

ARCH 600 Independent Study
Building Performance Rating Systems Objectives and Comparison
M. Arch. Candidate Sarah Marshall

ARCH 600 Independent Study
Simulating Energy Performance with EnergyPlus for Architectural Design Decision Making
M. Arch. Candidate Martin Brennan

Autumn 2010 ARCH 700

M. Arch Thesis *The Architecture of Light: An Evidence Based Design Approach to Treating Winter Depression in Seattle* w/ M. Arch. Candidate Steven Duncan) Thesis Chair: Prof. Mehlika Inanici

ARCH 498i, Integrated Design Lab Seminar (3 Credits/Year)
Evaluation: 4.6 (4.2 Adjusted); Respondents: 3/6 (Co-Evaluated)

Spring 2010

ARCH 535, 3 Credits
Graduate Seminar in Environmental Lighting (Daylighting Seminar)
(Seminar Selective) (Core Course Lighting Certificate)
Evaluation: 4.8 (4.8 Adjusted); Respondents: 10/12

ARCH 600 Independent Study
Passivehouse and the Seattle Speculative Townhome
M. Arch. Candidate Joseph David

ARCH 499 Undergraduate Research Topics
Undergraduate Honors Project: Lighting and Daylighting Concepts in Retail Design
B. Arch. Candidate Sophia Duluk

Winter 2010

ARCH 435, 3 Credits
Principles and Practice of Environmental Lighting
Co-Taught w/ Edward Bartholomew, IALD
(Elective) (Core Course Lighting Certificate)

ARCH 600 Independent Study
Building Morphology and Multi-Family Residential Daylighting
M. Arch. Candidate Peter Johnson

Spring 2009 ARCH 535, 3 Credits
Graduate Seminar in Environmental Lighting (Daylighting Seminar)
(Seminar Selective) (Core Course Lighting Certificate)
Evaluation: 4.5 (4.1 Adjusted); Respondents: 10/10

ARCH 431/331
Discussion Section
(Required)(In support of Associate Prof. Rob Pena)
Evaluation: 3.2 (3.1 Adjusted); Respondents: 8/15

ARCH 600 Independent Study, 3 Credits
(School Design Research w/ M. Arch. Candidate Aaron Helmers)

Winter 2009 ARCH 435, 3 Credits
Principles and Practice of Environmental Lighting
Co-Taught w/ Edward Bartholomew, IALD
(Elective) (Core Course Lighting Certificate)
Evaluation: 4.0; Respondents: 11

Spring 2008 ARCH 535, 3 Credits
Graduate Seminar in Environmental Lighting (Daylighting Seminar)
(Seminar Selective) (Core Course Lighting Certificate)
Evaluation: 4.6 (4.4 Adjusted); Respondents: 3/4

ARCH 498x, 1 Credit
Integrated Design Lab Seminar
(Elective)

Winter 2008 ARCH 435, 3 Credits
Principles and Practice of Environmental Lighting
Co-Taught w/ Edward Bartholomew, IALD
(Elective) (Core Course Lighting Certificate)
Evaluation: 4.1 (3.7 Adjusted); Respondents: 9

Autumn 2008 ARCH 600 Independent Study, 3 Credits
Heliodon: Research, Design, Fabrication, Calibration
M. Arch. Candidate John Jay Powell

Spring 2007 ARCH 535, 3 Credits
Graduate Seminar in Environmental Lighting (Daylighting Seminar)
(Elective) (Core Course Lighting Certificate)
Evaluation: 4.7 (4.4 Adjusted); Respondents: 7

Autumn 2007 ARCH 600, 3 Credits

Lighting Design and Consulting Professional Practice
M. Arch. Candidate Zigurds Greivulis

Autumn 2006 ARCH 435, 3 Credits

Principles and Practice of Environmental Lighting
Co-Taught w/ Edward Bartholomew, IALD
(Elective) (Core Course Lighting Certificate)

Spring 2004 ARCH 598, 3 Credits

Graduate Seminar: Measurement and Meaning: The On-Site Assessment, Evaluation, and Understanding of Building Systems and Performance
(Elective)

Spring 2003 ARCH 598, 3 Credits

Graduate Seminar: Measurement and Meaning: The On-Site Assessment, Evaluation, and Understanding of Building Systems and Performance
(Elective)

Spring 2001 Teaching Assistant to Instructor Ron Wright

ARCH 478, 3 Credits
CAD and Working Drawings
(Elective)

2. THESIS COMMITTEES (*University of Washington*)

2014 Alireza Hashemloo (M. Arch)

GlareShade: A Visual Comfort Based Approach to Adaptive Shading Systems; (M. Inanici, Chair; C. Meek, Committee Member)

Heli Ojamaa (Post-Professional M. Arch)

Reconnecting Through Biophilic Design: Exploring the Human-Nature Connection through the Built Environment; (G. Proksch, Chair; H. Burpee, C. Meek Committee Members)

2013 Kesinee Trakulpattanakorn (Post-Professional M. Arch)

Recovery Center Light and Space in a Rooftop Inpatient Care Facility in Seattle's South Lake Union; (C. Meek, Chair; H. Burpee, Committee Member)

2012 James Moehring (M. Arch)

South Lake Union School: The Future Learning Environment; (D. Miller, Chair; J. Loveland, C. Meek, Committee Members)

- 2011** Martin Brennan (M. Arch)
The Phinney Center: Interfacing Performance Through Place People and Program; (D. Heerwagen, Chair; D. Strauss, C. Meek, Committee Members)
- Louis Caldwell (M. Arch)
Parametric Analysis for Lighting in a Gallery Space; (D. Miller, Chair; R. Corser, C. Meek, Committee Members)
- 2010** Steven Duncan (M. Arch)
A Center for the Treatment of Seasonal Affective Disorder (SAD) in Seattle, WA; (M. Inanici, Chair; C. Meek, Committee Member)
- 2007-2008** Kathleen Cheney (M. Arch)
Considerations of Lighting Influencing Design: A Community Center for Fremont, (J. Loveland, Chair; S. Badanes, C. Meek, Committee Members)

3. INVITED PARTICIPATION IN OTHER COURSES

- Summer 2014** ART 351; Furniture Design Studio Review (invited by Lecturer Jim Nicholls); 20 August 2014
- Spring 2014** ARCH 503: Australia/Murcutt Studio: MAD Lab Activity (invited by Prof. Peter Cohan); 9 May 2014
- ARCH 503: Australia/Murcutt Studio Lecture (invited by Prof. Peter Cohan); 2 May 2014
- Winter 2013** ARCH 501; Design Studio Final Review (invited by Prof. Joel Loveland); 10 December 2013
- Summer 2012** ART 351; Furniture Design Studio Review (invited by Lecturer Jim Nicholls); 21 August 2012
- Spring 2012** ARCH 503: Australia/Murcutt Studio IDL Simulation Activity (Prof. Peter Cohan/Prof. Rick Mohler); 8 May 2012
- Winter 2012** ARCH 501; Design Studio Final Review (invited by Prof. Joel Loveland); 19 March 2012
- ARCH 531: Green Technology; Lecture: Net-Zero Energy Building Simulation and Bullitt Center Case Study (invited by Prof. Dean Heerwagen); 7 February 2012

- Autumn 2011** ARCH 501; Lecture: Daylighting Design Concepts and the Integrated Design Lab (invited by Prof. Ann Marie Borys); 18 November 2012
- Summer 2011** ART 351; Furniture Design Studio Review (invited by Lecturer Jim Nicholls); 20 August 2014
- ARCH 100; Lecture: Energy Efficient Building Design and the Integrated Design Lab (invited by Prof. Judith Swain); 14 July 2011
- Spring 2011** ARCH 501; Design Studio Final Review (invited by Prof. Joel Loveland); 7 June 2011
- ARCH 431; Week 8 Lecture: Daylighting (invited by Prof. Rob Pena); 19 May 2011
- Winter 2011** ARCH 502; Design Studio Review (invited by Prof. Kate Simonen); 17 February 2011
- Autumn 2011** ARCH 501; Design Studio Final Review (invited by Lecturer Jim Nicholls); 18 December 2011
- ARCH 301; Design Studio Final Review (invited by Prof. Rob Pena); 15 December 2011
- ARCH 501; Design Studio Final Review (invited by Prof. Joel Loveland); 11 December 2011
- Spring 2010** ARCH 503; Design Studio Final Review (invited by Prof. Joel Loveland); 4 June 2010
- ARCH 503; Design Studio (Murcutt/Australia) Final Review (invited by Prof. Peter Cohan); 26 May 2010
- Winter 2010** ARCH 402 Design Studio; Design with Conceptual Studio Exercise and Review; (invited by Jennifer Dee); 2 March 2010
- Spring 2009** ARCH 431; Guest Lecture (Invited by Prof. Rob Pena); Daylighting Design and Case Studies from the UW Integrated Design Lab; 14 May 2009
- ARCH 503; Design Studio Mid-Review (invited by Prof. Joel Loveland); 8 May 2009
- ARCH 503; Design Studio; Guest Instructor (invited by Prof. Joel Loveland); 29 April 2009

- Winter 2009** ARCH 402 Design Studio, “Schematic Design Assessment of Building Energy Loads and Weather Data with Ecotect”; (invited by Prof. Rob Pena and Prof. Carrie Sturts Dossick); 30 January 2009
- ARCH 502 Tectonic Studio; Final Review Juror; (invited by Jim Nicholls); 16 Mar. 2009
- ARCH 402 Design Studio; Conceptual Studio Exercise and Review; (invited by Jennifer Dee and Visiting Prof. Kim); 4 March 2009
- ARCH 332: Design Studio Activity/Lecture: Gallery Daylighting Design and Criteria Analysis with Physical Study Models and Photography and Design Review; , (Invited by Prof. Rick Mohler and Louisa Iarocci) ;27 February 2009, 3 March 2009
- ARCH 332: Design Studio, Integrated Design Charette; 27 February 2009, (Invited by Prof. Rob Pena and Prof. Carrie Dossick); 3 March 2009
- Winter 2008** ARCH 401: Design Studio Activity/Lecture: Conceptual Lighting Analysis with Physical Study Models and Photography at the IDL; (Invited by Prof. Jennifer Dee and Charles Anderson); 29 February 2008, 3 March 2008
- Winter 2008** ARCH 501: Design Studio, Final Design Review; (Invited by Prof. Jim Nicholls) ;18 March 2008
- Spring 2007** ARCH 502: Design Studio, Lecture: Industrial Daylighting, Case Studies and Design; (Invited by Instr. Chris Patano); 16 May 2007
- ARCH 501A: Design Studio (Building Systems Support Lecture,) “Introduction to Integrated Lighting Design and Daylight and Building Form” with Edward Bartholomew, IALD; (Invited by Prof. David Miller); 27 April 2007
- Winter 2007** ARCH 401: Design Studio, Activity/Lecture: Conceptual Lighting Analysis with Physical Study Models and Photography at the IDL; (Invited by Prof. Jennifer Dee and Prentice Hale);16 February 2007, 21 February 2007
- ARCH 501: Design Studio, Final Design Review; (Invited by Prof. Jim Nicholls); 5 February 2007
- Winter 2006** ARCH 331: Environmental Control Systems, “Lecture: Why Daylighting?”; (Invited by Prof. Joel Loveland); 9 May 2006

Spring 2006 ARCH 498: Architectural Lighting Design; Final Project Design Review; (Invited by Edward Bartholomew);14 March 2006

4. UW EXTENSION (University of Washington Educational Outreach)

AY 2010-12 Established “Certificate in Integrated Lighting Design” offered by the College of Built Environments through University of Washington Extension Program (1 year, 9 Cr. Professional Education Certificate)

Spring 2012 ARCH 535b, 3 Credits
Graduate Seminar in Environmental Lighting (Daylighting Seminar)
(Required Course)

Spring 2011 ARCH 535b, 3 Credits
Graduate Seminar in Environmental Lighting (Daylighting Seminar)
(Required Course)

5. PROFESSIONAL EDUCATION COURSES TAUGHT

2002-2012 Daylighting 101: Design
Integrated Design Lab / UW Daylighting Lab Curriculum for Design;
A one hour seminar covering the effective incorporation of daylighting design within the context of a typical project delivery process with a focus on programming, schematic design, and client education.

Daylighting 102: Simulation
Integrated Design Lab / UW Daylighting Lab Curriculum for Design Professionals; *A one hour seminar covering daylighting simulation, design performance verification, and glazing/material specification in Schematic design, Design Development, Construction Documents, and Contract Administration.*

2004-2014 IESNA Puget Sound Section
ED100.10 Introduction to Daylighting, Curriculum Component for Lighting Consultant (LC) Certification; *A three hour lecture/workshop that provides lighting designers, engineers, and other members of the lighting industry an introduction to the terminology, techniques, and architectural implications of daylighting design. This is one of ten modules in a three month introductory course.*

IESNA Puget Sound Section
ED150.10 Advanced Daylighting, Curriculum Component for Lighting Consultant (LC) Certification; *A three hour lecture/workshop that provides lighting designers, engineers, and other members of the lighting*

industry advanced concepts in daylighting design including physical properties of the sky, building morphology, energy implications, and electric lighting control systems integration. This is one of ten modules in a three month advanced course.

- 2007-2012** IESNA Portland Section
ED150.10 Advanced Daylighting, Curriculum Component for Lighting Consultant (LC) Certification; Similar content as ED150.10 described above, with a focus on the Portland area climate and sun angles.
- 2005-2012** USGBC Cascadia Region (*Puget Sound Area*)
Sustainable Building Advisor Course
Lecturer on Daylighting, Building Design, Technology, Energy, Curriculum Component for LEED Accredited Professional (LEED AP) Certification; A half day workshop that provides architects, engineers, construction managers, building owners, and other building industry professionals an introduction to the implications of daylighting design within the context of the LEED rating system.
- 2006-2012** USGBC Cascadia Region (*Portland Regional Chapter*)
Sustainable Building Advisor Course
Lecturer on Daylighting, Building Design, Technology, Energy, Curriculum Component for LEED Accredited Professional (LEED AP) Certification; Similar content as SBA course described above, with a focus on the Portland area climate and sun angles.
- 2003-2014** Invited Lectures at Architecture Offices
As part of my work at the University of Washington Integrated Design Lab and Daylighting Lab, I have been invited to lecture on daylighting, integrated design, and other project specific topics at over 100 Architecture and Engineering offices in Washington, Oregon, California, Montana, and British Columbia.

AWARDS

- 2014 AIA Seattle Allied Organization Award**
UW Integrated Design Lab
(IDL staff member)
- 2013 AIA Northwest and Pacific Region Special Award**
The Bullitt Center; The Miller Hull Partnership
(Project role: daylighting consultant)
- AIA Northwest and Pacific Region Citation**

University of Washington, West Campus Housing; Mahlum Architects
(Project role: daylighting consultant)

AIA Seattle Honor Award

University of Washington, Odegaard Undergraduate Library; The Miller Hull Partnership
(Project role: daylighting consultant)

2012 AIA Northwest and Pacific Region Citation

Nathan Hale High School, Seattle, Mahlum Architects
(Project role: daylighting consultant)

Seattle AIA Honor Award

University of Washington, West Campus Housing, Mahlum Architects
(Project role: daylighting consultant)

2012 AIA Seattle Commendation

Nathan Hale High School, Seattle Mahlum Architects
(Project role: daylighting consultant)

2011 AIA National COTE Top-Ten Green Building Award

Lott Alliance, Olympia, The Miller Hull Partnership
(Project role: daylighting consultant)

AIA Northwest and Pacific Region Design Award of Merit

Kenmore Library, Kenmore, WA; Weinstein AU
(Project role: daylighting consultant)

AIA Seattle Honor Award

Lott Alliance, Olympia, WA; The Miller Hull Partnership
(Project role: daylighting consultant)

AIA Seattle Commendation Award

Gray Middle School, Tacoma; Mahlum Architects
(Project role: daylighting consultant)

AIA Seattle Commendation Award

Kenmore Library, Kenmore, WA; Weinstein AU
(Project role: daylighting consultant)

2010 AIA Seattle Commendation

Rainier Vista Boys & Girls Club, Seattle, WA; Weinstein AU
(Project role: daylighting consultant)

Northwest and Pacific Region AIA Design Awards, Honor Award

Bainbridge High School; Mahlum Architects

(Project role: daylighting consultant)

IES Puget Sound Chapter , Honor Award

Integrated Design Lab, Lighting Design

2009 AIA National COTE Top-Ten Green Building Award

Terry Thomas Building, Seattle, WA; Weber Thompson Architects and Stantec Engineering

(Project role: daylighting consultant)

Northwest and Pacific Region AIA Design Awards, Honor Award

The Terry Thomas Building, Seattle, WA Weber Thompson Architects and Stantec Engineering

(Project role: daylighting consultant)

2009 Northwest and Pacific Region AIA Design Awards, Merit Award

Douglass-Truth Branch Library, Seattle, WA; Schacht Aslani Architects

2008 AIA Seattle Honor Award

Montlake Branch Library, Seattle, WA; Weinstein AU

(Project role: daylighting consultant)

AIA Seattle Honor Award

EX3 Ron Sandwith Teen Center, Federal Way, WA; Weinstein AU Architects

(Project role: daylighting consultant)

AIA Award of Merit

Kitsap County Administration Building, Port Orchard, WA

Miller Hull Partnership

(Project role: daylighting consultant)

2006 AIA National COTE Top-Ten Green Building Award

Ballard Branch Library, Seattle, WA; Bohlin Cywinski Jackson

(Project role: daylighting consultant)

AIA National COTE Top-Ten Green Building Award

Ben Franklin Elementary School, Kirkland, WA; Mahlum Architects

(Project role: daylighting consultant)

2005 AIA National COTE Top-Ten Green Building Award

Seminar Two, The Evergreen State College, Olympia, WA; Mahlum Architects

(Project role: daylighting consultant)

2004 AIA National COTE Top-Ten Green Building Award

- Pierce County Environmental Services Center, University Place, WA; The Miller Hull Partnership
(Project role: daylighting consultant)
- 2004 State of Washington Governor's Award for Sustainable Practices
(As Part of the University of Washington Daylighting Lab Seattle)
- 2002** Faculty Medal for Excellence in Graduate Design and Scholarship, University of Washington Department of Architecture
- 2002** Group Project Award, University of Washington College of Architecture and Urban Planning
- 2001** Paul Thiry Memorial Scholarship, University of Washington CAUP 2001
- 1996** Border Research Institute, Design Competition, Second Place
- 1995** Kosanovich Fellowship, University of New Mexico SAAP

SERVICE

1. PROFESSIONAL ASSOCIATIONS

- 2006-Present** American Institute of Architects (AIA)
- 2004-Present** Society of Building Science Educators (SBSE)
- 2005-2006; 2010** Conference Advisory Committee, *Lightfair International* (Conference curriculum development, review of proposals, approved speakers)
- 2011-Present** Illuminating Engineering Society of North America (IESNA)
- 2011-Present** IESNA Daylighting Metrics Sub-Committee Member

2. CONTRIBUTIONS TO THE UNIVERSITY

- 2014** Undergraduate Admissions Committee
(Chair: Prof. Kathryn Merlino)
- Post-Professional M. Arch in High Performance Buildings Committee
(Chair: C. Meek, Committee Members: Prof. Alex Anderson, Prof. Mehlika Inanici, Prof. Joel Loveland, Prof. Rob Pena, Prof. Kate Simonen)
- 2013** Undergraduate Admissions

(Chair: Prof. Kathryn Merlino)

2012 Undergraduate Admissions Committee
(Chair: Prof. Kathryn Merlino)

2011 Undergraduate Admissions Committee
(Chair: Prof. Kathryn Merlino)

2010 Faculty Search Committee: Health Design
(Chair: Prof. Joel Loveland)

Development of *Certificate in Integrated Lighting Design* offered through the University of Washington Extension Program

2009 Faculty Search Committee: Structural Technologies
(Chair: Prof. Rob Pena)

Undergraduate Admission Committee
(Chair: Prof. Kathryn Merlino)

2008 Faculty Search Committee: Design Computing + Digital Fabrication
(Chair: Prof. Brian Johnson)