

CURRICULUM VITAE

University of Nebraska

NAME: Kevin G. Van Den Wymelenberg

RANK OR TITLE: Dean and Professor with Tenure

DEPARTMENT: College of Architecture

OFFICE LOCATION:

210 Architecture Hall

University of Nebraska

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Social:

Twitter: [@wymelenberg](https://twitter.com/wymelenberg)

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HIGHLIGHTS

1. Currently: Dean and Professor, College of Architecture, University of Nebraska
2. Secured over \$39.73M in externally funded research and outreach (2004-present)
3. Secured over \$8.45M in gifts in support of students, staff and faculty (2023-present)
4. Secured over \$1.67M in gifts in support of teaching/research teams as Institute/Center/Lab Director
5. Contributed to team that secured \$27.15M in funding and facilitated construction for the renovation and addition to Architecture Hall, at the University of Nebraska (2023-2025)
6. 150+ publications; including 3 books, 1 chapter, 45 peer-reviewed journal papers, 35 peer-reviewed conference papers; 12 abstract peer-reviewed conference papers; 60+ other publications; including 1 "editors pick", 1 "most read", 2 "top ten most cited", 3 "best conf. papers", 1 "featured article"
7. ~300 invited lectures; including 55 international and 122 national invitations
8. Featured in popular press including the New York Times, Washington Post, Good Morning America, CBS This Morning, National Public Radio, BBC World News, Huffington Post, Washington Post, Wall Street Journal, Wired Magazine, Architect Magazine, WebMD, Axios
9. U.S. Patents: U.S. Patent No. US D1025441S (20240430) Task Shade, U.S. Patent No. US D993496S (20230725) Task Shade Stand
10. "New Jersey Commission on Science, Innovation and Technology, Clean Tech R&D Voucher Award", (\$40,000), via ZolX Inc (March 2025)
11. "Open IDEO - Climate Resiliency Challenge - Emerging Innovators Award"; with team members, Hooman Parhizkar, Cedeno Laurent, Kevin G. Van Den Wymelenberg (August 2023)
12. "Julie Neupert Stott Endowed Chair in Design", College of Design, University of Oregon (2021-2022)
13. University of Oregon, Provost's Faculty Excellence Award (2021)
14. University of Oregon, Research Innovation Award (2021)
15. University of Oregon, COVID-19 Research Innovation Award (2020)
16. "Federal Testimony" to U.S. House of Representatives, Committee on Transportation and Infrastructure, Subcommittee on Economic Development, Public Buildings, and Emergency Management (June 2019)
17. University of Oregon Sustainability Award for Campus Operations (2019)
18. "Leadership in Energy Efficiency Award for Innovation", Northwest Energy Efficiency Alliance (2017)
19. Five "AIA COTE Top 10 Building Awards", more than 40 "USGBC LEED Rated" buildings: supporting role for daylighting and energy consulting (2000-present)
20. "Governor's Award for Pollution Prevention and Sustainable Practices", State of WA, as a member of the BetterBricks Daylighting Lab, University of Washington (2004)

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DATES OF TENURE AND RANK

Date of First Employment at University of Nebraska: 01/05/2023

Date of Tenure: 01/5/2023; University of Nebraska
12/15/2015; University of Oregon
07/1/2013; University of Idaho

Date of Rank:

01/2023; tenured, dean and professor, University of Nebraska
09/2019; tenured, professor, University of Oregon
12/2015; tenured, associate professor; University of Oregon
06/2015; tenure track, associate professor; University of Oregon
07/2013; tenured, associate professor; University of Idaho
07/2009; tenure track, assistant professor; University of Idaho
03/2004; non-tenure track, assistant professor; University of Idaho

HIGHER EDUCATION

Degrees:

1. *PhD*, Built Environments, University of Washington, Seattle, WA, 09/2006–07/2012
 - a. *Sustainable Systems and Prototypes*
 - b. *Computational Design and Research*
2. *Master of Architecture*, University of Washington, Seattle, WA, 09/2000–12/2002
 - a. *Architectural Studies in Rome Program*
 - b. *Lighting Certificate Program*
3. *Bachelor of Science in Architectural Studies*, University of Wisconsin-Milwaukee, Milwaukee, WI, 08/1996–05/2000
 - a. Minor in Art History
 - b. Certificate in Urban Planning
 - c. Architectural Studies Program in Paris at L'Ecole Speciale d'Architecture

Certificates and Licenses:

1. Lighting Certificate, University of Washington, 2002
2. Certificate in Urban Planning, University of Wisconsin-Milwaukee, 2000
3. Minor in Art History, University of Wisconsin-Milwaukee, 2000

ACADEMIC EXPERIENCE**Major Academic Administrative Appointments:**

1. *Dean, College of Architecture, University of Nebraska, 01/2023-Present*
2. *Associate Dean of Research & Facilities, College of Design, University of Oregon, 05/2022-1/2023*
 - *Interim Associate Dean of Facilities, College of Design, University of Oregon, 1/2022-5/2022*
3. *Director, School of Architecture and Environment, University of Oregon, 05/2022-1/2023*
 - *Interim Director; School of Architecture and Environment, University of Oregon, 09/2021 – 05/2022*
 - *Interim Director; Historic Preservation Program, University of Oregon, 04/2022-1/2023*
4. *Interim Head; Department of Architecture, University of Oregon, 07/2017 – 01/2018*

Teaching, Extension and Research Appointments:

1. *Professor (tenured); Department of Architecture, University of Oregon; 9/2019 – 1/2023*
 - *Director, Institute for Health in the Built Environment (IHBE), Eugene and Portland, OR; 02/2018 – 10/2022*
 - *Director, Biology and Built Environment (BioBE) Center; 07/2018 – 10/2022*
 - *Co-Director, University of Oregon, Biology and Built Environment (BioBE) Center; 05/2016 – 06/2018*
 - *Director; Energy Studies in Buildings Laboratory (ESBL), Eugene and Portland, OR; 06/2015 – 10/2022*
 - *Adjunct Associate Professor, University of Idaho, Department of Mechanical Engineering; 06/2015 – 10/2022*
2. *Associate Professor (tenured); Department of Architecture, University of Oregon; 12/2015 – 8/2019*
3. *Associate Professor (tenure track); Department of Architecture, University of Oregon; 06/2015 – 12/2015*
4. *Associate Professor (tenured); Department of Architecture, University of Idaho; 07/2013-06/2015*
 - *Director, University of Idaho, Integrated Design Lab (UI-IDL), Boise, ID; 03/2004 – 06/2015*
 - *Joint Faculty Appointment, Idaho National Laboratory, Center for Advanced Energy Studies (CAES); 07/2012 – 06/2015*
5. *Assistant Professor (tenure track); Department of Architecture, University of Idaho; 07/2009 – 06/2013*
 - *Assistant Professor (non-tenure track); Lab Director, University of Idaho, Department of Architecture; UI-IDL, Boise, ID; 03/2004 – 06/2009*
6. *Teaching Assistant, University of Washington, Seattle, WA, Passive Control Systems, Arch 598c (3cr.); High Performance Building Design, Arch 598d (3cr.); Spring 2008*
7. *Research Associate - Resident Daylighting Consultant, University of Washington, Seattle, WA; 12/2001 – 3/2004*
8. *Research Assistant - Intern Daylighting Consultant, University of Washington, Seattle, WA; 9/2000 – 12/2001*

Other Academic Administrative Appointments:

1. *Member, Academic Planning Committee, University of Nebraska, 01/2025-Present*
2. *Advisor, Responsible Design Learning Community, University of Nebraska, 09/2023-Present*
3. *Member, Provost's Environment Initiative Committee, University of Oregon, 09/2019 - 1/2023*

4. *Member*, Industry Engagement Working Group, University of Oregon, 09/2019 - 1/2023
5. *Member*, University of Oregon Climate Action Plan, 09/2017-1/2023
6. *Member*, PhD Working Group, Department of Architecture, University of Oregon, 09/2015-1/2023
7. *Chair*, Diversity Equity Inclusion Justice Committee, College of Design, University of Oregon, 11/2021-9/2022
8. *Member*, Strategic Planning Working Group, Department of Architecture, University of Oregon, 09/2021 - 06/2022
9. *Member*, Vice President for Research and Innovation Search Committee, University of Oregon, 12/2019 – 06/2020; 9/2021-4/2022
10. *Member*, Senate, University of Oregon, AY 2021-22
11. *Member*, NAAB Accreditation Working Group, University of Oregon, Department of Architecture, 09/2019-09/2021
12. *Co-Chair/Member*, University Faculty Personnel Committee, University of Oregon, Co-Chair AY 2020-21, Member AY 2019-20
13. *Member*, UO VPRI Innovation Partnership Services, Mentor Network Catalyst Search Committee, 06/2021-09/2021
14. *Member*, UO CPM Director of Utilities and Energy Search Committee, 06/2020-09/2021
15. *Member*, Oregon 21 steering group, University of Oregon, 03/2019-03/2020
16. *Member*, Department Head search steering committee, Department of Architecture, University of Oregon, 9/2020-12/2020
17. *Member*, Department Faculty Search Committee, University of Oregon, AY 2019-20
18. *Member*, Provost Search Committee, University of Oregon, 04-06/2019
19. *Member*, Research Advisory Board; Office of the Vice President for Research and Innovation, University of Oregon, AY 2016-17, AY 2017-18, and Chair of CHEP Review Subcommittee, AY 2018-19
20. *Member*, Portland Faculty Review Committee, University of Oregon, 01/2018 – 06/2019
21. *Member*, School of Architecture and Environment Communications Committee, University of Oregon, 01/2018 – 09/2018
22. *Member*, Academic Affairs Committee; School of Architecture and Allied Arts, University of Oregon, 09/2015 – 06/2017
23. *Member*, Department Faculty Search Committee, University of Oregon, AY 2016-2017
24. *Member*, Conflict of Interest in Research Committee, University of Oregon, 07/2017 – 12/2019

Tenured 12/15/2015; University of Oregon

25. *University Representative*, Center for Advanced Energy Studies (CAES) – Energy Efficiency Research Institute (CEERI), provide institutional representation and support for multiple energy efficiency research endeavors between the CAES partner institutions including Boise State University, Idaho National Laboratory, Idaho State University and University of Idaho; 10/2010 – 06/2015

Tenured 7/1/2013; University of Idaho

26. *College of Art & Architecture Representative*; University of Idaho Research Council; Academic Year 2007-2008
27. *Member*, Facilities Committee, College of Art & Architecture, University of Idaho; 2004-2007

PROFESSIONAL EXPERIENCE

1. *Co-Owner, Chairman of Board, ZolX Inc., 2024-present*

2. *Science Advisor*, Poppy Inc., San Francisco, CA; October 2021-present
3. *Owner*, Duktile LLC, Eugene OR; 2020-present
4. *Owner*, Taskshade LLC, Eugene, OR; 2021-2024
5. *Science Advisor*, EnviralTech Inc., Eugene, OR; 08/2020 – 01/2022
6. *Intern Architect*, McKibben+Cooper Architects, Boise, ID; 05/2006-09/2006
7. *Co-owner*, Northwest Custom Design & Fabrication Inc, Boise, ID; 12/2004 – 06/2006
8. *Intern Lighting Designer*, Creative Lighting Design and Engineering, Milwaukee, WI; 05/2000-08/2000
9. *Intern Architect*, Berners-Schober Associates Inc, Green Bay, WI; 05/1997-08/1997

HONORS AND AWARDS

1. “New Jersey Commission on Science, Innovation and Technology, Clean Tech R&D Voucher Award”, (\$40,000), via ZolX Inc.; March 2025
2. “Northeast NSF I-Corps Hub Regional Propelus Invitation”, via ZolX Inc.; Cohort Winter 2025
3. “Open IDEO - Climate Resiliency Challenge - Emerging Innovators Award”, (\$30,000), for project: Synthetic Bio-Shields Breathing Buildings for Climate and Wildfire Resilience; with team members, Hooman Parhizkar, Cedeno Laurent, Kevin G. Van Den Wymelenberg; August 2023
4. “Julie Neupert Stott Endowed Chair in Design”, College of Design, University of Oregon; May 2021-January 2023
5. “Provost’s Faculty Excellence Award”, (equivalent, \$26,200), University of Oregon; 2021
6. “Research Innovation Award”, University of Oregon; 2021
7. “COVID-19 Research Innovation Award”, (\$1,000), University of Oregon; 2020
8. “Most Read Article in mSystems Journal”; “Editor’s Pick mSystems Journal”; “Top 10 Most Read Articles in American Society of Microbiology”; [2019 Novel Coronavirus \(COVID-19\) Pandemic: Built Environment Considerations to Reduce Transmission, mSystems](#); with co-authors Leslie Dietz, Patrick F. Horve, David A. Coil, Mark Fretz, Jonathan A. Eisen, Kevin G. Van Den Wymelenberg, 2020
9. “TaskShade” startup funding, \$20,000, Innovation Partnership Services, University of Oregon; 2020-2021
10. “University of Oregon Sustainability Award for Campus Operations”, University of Oregon; 2019
11. “Presidential Support” 2018-19, Institute for Health in the Built Environment, \$158,000; Presidential Excellence Fund, University of Oregon; 2018-2019
12. “Unthank Faculty Excellence Award” 2017-18 Studio Enrichment Award, \$5,000; University of Oregon, Department of Architecture; with team members John Rowell and Kevin G. Van Den Wymelenberg; 2017-2018
13. “Leadership in Energy Efficiency Award for Innovation”, Northwest Energy Efficiency Alliance Board of Directors; 2017
14. “Best Paper Award”, Student Division, ASHRAE and IBPSA-USA SimBuild 2016 Building Performance Modeling Conference Proceedings; Paper Title: *Sensitivity study of annual and point-in-time daylight performance metrics: A 24 space multi-year field study*; with co-authors: Amir Nezamdoost, Kevin G. Van Den Wymelenberg; Salt Lake City, UT, August 8-12, 2016
15. “2016 International Velux Award for students of architecture”, The Americas Daylight Investigation, World Architecture Festival 2016, Project Title: [Automated Blind Study](#); with co-authors: Amir Nezamdoost, Malak Modaresnezhad, Alen Mahić; Teacher: Kevin Van Den Wymelenberg; Berlin, Germany, November 18, 2016

16. "2016 Sustainability Award", Research Award, University of Oregon; to Energy Studies and Buildings Laboratory, with G.Z. Brown and Kevin G. Van Den Wymelenberg; 2016
17. "Unthank Faculty Excellence Award" 2016-17 Studio Enrichment Award, \$5,000; University of Oregon, Department of Architecture; 2016-2017

Tenured 12/15/2015; University of Oregon

18. "Presidents' Mid-Career Award", for outstanding scholarship, teaching and engagement, University of Idaho; 2015-2017
19. "Special Recognition", University of Idaho-Boise, for special contributions through outstanding pedagogy, creative community engagement, and notable research; May 2015
20. "Featured Paper" in a special issue titled I; Buildings; Paper Title: *Comparing Whole Building Energy Implications of Sidelighting Systems with Alternate Manual Blind Control Algorithms*, Buildings, vol. 5, no. 2, pp. 467-496, May 2015; with co-authors Christopher Dyke, Kevin G. Van Den Wymelenberg, Ery Djunaedy, and Judith Steciak (Serving as co-major advisor to Christopher Dyke)
21. "Top 10 Most Cited" - Rank 5th most cited, 2nd most viewed; LEUKOS, The Journal of the Illuminating Engineering Society; Paper Title: *A Critical Investigation of Common Lighting Design Metrics for Predicting Human Visual Comfort in Offices with Daylight*, LEUKOS, v. 10, n. 3, pp. 145-164, 2014; Kevin Van Den Wymelenberg, Mehlika Inanici; Citation usage data period: June 25, 2011 - January 12, 2015
22. "Top Ten Plus Winner", American Institute of Architects, Committee on the Environment, supporting role as consultant to BNIM, Iowa Utilities Board / Office of the Consumer Advocate Office Building, Des Moines, Iowa; 2014 (PI on grant for daylighting and glare post-occupancy consulting)
23. "Outstanding Contributor Award", Idaho National Laboratory Center for Advanced Energy Studies; 2013

Tenured 7/1/2013; University of Idaho

24. "Governor's Commendation", State of Idaho, for outstanding service and contributions to the Idaho Strategic Energy Alliance; 2012
25. "Best Paper Award", Architectural Engineering Division, American Society of Engineering Education 2011 Annual Conference Proceedings; Paper Title: *Using Building Performance Modeling as a Vehicle for Re-Integration*; with co-authors: Jacob Dunn, Gunnar Gladics, Kevin Van Den Wymelenberg, Ery Djunaedy, Sherry McKibben; Vancouver, British Columbia, Canada; June 26-29, 2011 (PI on grant that supported integrated design studio engagement)
26. "Accomplished Under 40 Award", Idaho Business Review; 2011
27. "Top 10 Most Cited" - Rank 6th most cited, 3rd most viewed; LEUKOS, The Journal of the Illuminating Engineering Society; Paper Title: *The Effect of Luminance Distribution Patterns on Occupant Preference in a Daylit Office Environment*; with co-authors: Kevin G. Van Den Wymelenberg, Mehlika Inanici, Peter Johnson, LEUKOS, v.7, n.2, pp. 103-122, October 2010; Citation usage data period: June 25, 2011 - January 12, 2015
28. "Best Paper Finalist", Passive and Low Energy Architecture 2009 Annual Conference Proceedings; Paper Title: *A Study of Luminance Distribution Patterns and Occupants' Preferences in Daylit Offices*; with co-authors: Kevin Van Den Wymelenberg, Mehlika Inanici; Québec City, Canada; June 2009
29. "Richard Kelly Grant", Illuminating Engineering Society of North America, \$5,000; 2008
30. "Doctoral Fellowship", University of Washington, PhD in the Build Environment, \$32,650 tuition stipend + \$16,000 in fellowship awards; 2006-2008
31. "Robert E. Thunen Memorial Scholarship", Thunen Scholarship Fund, Illuminating Engineering Society of North America, \$6,500; 2007-2008

32. *"Edison Price Fellowship"*, Nuckolls Fund for Educational Lighting, \$10,000; 2007-2008
33. *"Lighting Design Alliance Scholarship"*, International Association of Lighting Designers, \$2,500; 2007
34. *"Top Ten Winner"*, American Institute of Architects, Committee on the Environment, supporting role as consultant to Bohlin Cywinski Jackson while at UW BetterBricks Daylighting Lab, for Ballard Library and Neighborhood Center, Seattle, WA; 2006
35. *"Top Ten Winner"*, American Institute of Architects, Committee on the Environment, supporting role as consultant to Mahlum Architects while at UW BetterBricks Daylighting Lab, for Ben Franklin Elementary School, Kirkland, WA; 2006
36. *"Governor's Award for Pollution Prevention and Sustainable Practices"*, State of WA, while at UW BetterBricks Daylighting Lab, University of Washington; 2004
37. *"Top Ten Winner"*, American Institute of Architects, Committee on the Environment, supporting role as consultant to the Miller Hull Partnership while at UW BetterBricks Daylighting Lab, for Pierce County Environmental Services Building, University Place, WA; 2004
38. *"Agent of Change Training Fellow"*, University of Oregon Agents of Change Training Program; January 2003
39. *"Theodore Reid Scholarship"*, University of Washington, Department of Architecture, \$5,000; Autumn 2001
40. *"Floyd Narramore Fellowship"*, University of Washington, Department of Architecture, \$3,500; Autumn 2000

TEACHING ACCOMPLISHMENTS

Areas of Specialization:

1. Indoor air and environmental quality, and human health outcomes
2. Indoor microbiome and pathogen transmission
3. Architectural acoustical performance
4. Integrated design practices to promote energy efficiency
5. Daylighting design and analysis techniques and practices
6. Building technology and comfort systems
7. Architectural and engineering research methods
8. Building performance simulation practices

Courses Taught:

University of Oregon, 2015-2023

1. Graduate Technical Elective – Building Health, 4cr, Arch 410/510, Winter 2020, Winter 2021
2. Intermediate Architectural Design Studio, 6cr, Arch 485/584, co-taught with Judith Sheine), Fall 2019
3. Graduate Architectural Design, 6cr, Arch 683, Fall 2018, Fall 2021
4. Environmental Control Systems II, 4cr, Arch 492/592, Spring 2016, Spring 2018
5. Environmental Control Systems I, 4cr, Arch 491/591, (co-taught with Alison Kwok, Winter 2018)
6. Graduate Technical Elective – Daylighting, 3-4cr, Arch 495/595, Spring 2019, Spring 2021
7. Graduate Technical Elective – Design the UnSeen, 2-4cr, Arch 4/507, (advisory capacity to Mark Fretz in Portland, Spring 2018)
8. Graduate Technical Elective – Campus Impact: Optimizing Comfort and Saving Energy in Buildings, 3-4cr, Arch 410/510, Spring 2017
9. Intermediate Architectural Design Studio, 6cr, Arch 485/584, Fall 2016

10. Graduate Technical Elective – High Dynamic Range Photography for Daylighting Design and Analysis, 3-4cr, Arch 410/510, Winter 2015

University of Idaho, 2004-2015

11. Daylight Design and Simulation, 3cr, Arch 573, Fall 2004, 2005, 2007, 2008, 2010, Spring 2012-2015
12. Building Performance Simulation for Integrated Design, 3cr, Arch 504b, Spring 2004, 2005
13. Building Case Studies, 1cr, Arch 504a, Fall 2004, 2005, 2007
14. Comprehensive Design Studio, 5cr, Arch 553, Fall 2006, 2008, (technical advisory capacity to Sherry McKibben and Jacob Dunn, Spring 2012)
15. Integrated Design Seminar, 1cr, Arch 572, Fall/Spring, 2004 – 2015
16. Non-thesis Research, (1-9 cr), Arch 599, Fall/Spring, 2011-2015
17. Directed Study, (1-3 cr), Arch 502, Fall/Spring 2014-2015

University of Washington, 2002-2003

18. Measurement and Meaning in Architecture, 3cr, Arch 598c, (co-taught with Chris Meek, Spring 2002, Winter 2003)

Students Advised:

Advised to completion of degree – major or co-major professor:

1. Liliana Barnatan, Clark Honors College (Bachelors), Biology, University of Oregon, 01/2022 – 05/2023
2. Hooman Parhizkar, Doctorate in Architecture, University of Oregon, 06/2019 – 03/2022
3. Sohrab Ghasemi, Master of Science in Architecture, University of Oregon, 09/2019 – 06/2021
4. Denise Blankenberger (Gravelle), Master of Science in Architecture, University of Oregon, 2017-2019
5. L. Damon Woods, Doctorate of Mechanical Engineering, University of Idaho, 2013-2018
6. Shrief Elsayed Shrief, Master of Engineering, University of Idaho, 2013-2016
7. Tyler Noble, Master of Engineering, University of Idaho, 2015-2016
8. Amir Nezamdoost, Master of Science in Architecture, University of Idaho, 2013-2015
9. Carlos Duarte, Master of Engineering, University of Idaho, 2011-2013
10. Christopher Dyke, Master of Engineering, University of Idaho, 2011-2013

Served on graduate committee:

1. Leslie Dietz, progress toward Doctorate in Architecture, University of Oregon, 2021 – 2023
2. Anupam Satumane, Doctorate in Architecture, University of Oregon, 2020-2022
3. Maria Coronado Cabrera, Doctorate in Architecture, University of Oregon, 2020-2022
4. Aurora Ginzburg, Doctorate of Chemistry, University of Oregon, 2017-2019
5. M. Isabel Rivera, Doctorate in Architecture, University of Oregon, 2017-2019
6. Amir Nezamdoost, pursuit of Doctorate in Architecture, University of Oregon, 2016-2018
7. Belal Abboushi, Doctorate in Architecture, University of Oregon, 2015-2018
8. Robin Gates, Master of Science in Architecture, University of Idaho, 2011-2013
9. Julia Day, Master of Arts in Interior Design, Washington State University, 2010-2011
10. Melissa Britt, Master of Science in Architecture, University of Idaho, 2008

Courses Developed:

1. Building Health: Arch 4/595, 3-4cr (Winter 2020, redesign Winter 2021)
2. Daylighting: Arch 4/595, 3-4cr (redesign Spring 2019)
3. Graduate Architectural Design, Mass Timber Healthcare, 6cr, Arch 683, (Fall 2021)
4. Graduate Architectural Design, Light, Health, Energy: Center for Mental Health, 6cr, Arch 683, (Fall 2018)
5. Environmental Control Systems II, Arch 492/592, 4cr (redesign, Spring 2018)
6. Design the UnSeen: Arch 4/507, 2-4cr (advisory capacity to Mark Fretz, Spring 2018)

7. Campus Impact: Optimizing Comfort and Saving Energy in Buildings, Arch 410/510, 3-4c (Spring 2017)
8. Intermediate Architecture Design Studio, Health + Energy, Arch 484/584, 6cr (Fall 2016)
9. High Dynamic Range Photography for Daylighting Design and Analysis, Arch 410/510, 3-4cr (Winter 2015)
10. Daylight Design and Simulation, Arch 573, 3cr (Fall 2004, redesign Fall 2010)
11. Integrated Design Seminar, Arch 572, 1cr (Fall 2004)
12. Comprehensive Design Studio, Arch 553, 6cr (advisory capacity to McKibben & Dunn, Spring 2012)
13. Building Performance Simulation for Integrated Design, Arch 574 / ME 474, 3cr (Spring 2004)

SCHOLARLY OUTCOMES

For purposes of this CV, first author generally indicates the primary author, and final author generally indicates the principal investigator (PI) author. In some cases, authorship is alphabetical by disciplinary convention. In cases of multiple PI authors, authorship nearer to the end of the list generally indicates increased degrees of leadership of the paper. However, this is not always the case given that my research includes collaborations across many disciplines including architecture, interior design, engineering, microbiology, computer science, and others, and these fields sometimes have their own authorship conventions. Therefore, to facilitate interpretation of contributions I have indicated student authors that I mentored or co-mentored with (S), and for externally funded projects, the tenure related PI and Co-I authors are indicated with (PI) or (Co-I) accordingly.

Patents

1. U.S. Patent Application No. 29/763,467, Patent Pending, Task Shade Stand, 12/2020
2. U.S. Patent Application No. 29/763,469, Patent Pending, Task Shade Head, 12/2020

Publications

Peer-reviewed Books:

1. Daylight Design in the Pacific Northwest, University of Washington Press; Christopher Meek, Kevin Van Den Wymelenberg, October 2012. (Single-blinded peer-review)

Non-peer-reviewed Books:

1. Transforming Architecture: A Festschrift in Honor of Professor G.Z. "Charlie" Brown, University of Oregon, Editors: Kevin Van Den Wymelenberg, Kent Duffy, Michael Hatten, Ron Kellett, Gwynne Á. Mhuireach (S), July 2017.

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2. Daylighting and Integrated Lighting Design, Routledge, Christopher Meek and Kevin Van Den Wymelenberg, October 2014.

Peer-reviewed Book Chapters:

1. *Critical Capability Needs for Reduction of Transmission of SARS-CoV-2 Indoors*; Frontiers Chapter in e-book: Morse, S. A., Pillai, S. P., Qiu, J., Huang, Y.-W., eds. (2021). [Biosafety and Biosecurity Approaches to Counter SARS-CoV-2: From Detection to Best Practices and Risk Assessments](#). Lausanne: Frontiers Media SA. doi: 10.3389/978-2-88971-483-4
 - a. Previously published: [Critical Capability Needs for Reduction of Transmission of SARS-CoV-2 Indoors](#); Frontiers in Bioengineering and Biotechnology, September 29, 2021, Jayne B. Morrow, Aaron Packman, Kenneth F. Martinez, Kevin G. Van Den Wymelenberg, Darla Goeres, Delphine K. Farmer, Jade Mitchell, Lisa Ng, Yair Hazi, Monica Schoch-Spana, Sandra Quinn, William Bahnfleth, Paula Olsiewski. (Double-blinded peer-review).

Peer-reviewed Journal Articles:

1. [*Impact of Wood on Perception of Transient and Steady-State Indoor Thermal Environments*](#); *Buildings*, May 17, 2025, v.15, no.10, Denise Gravelle (S, formerly Blankenberger), Jason Stenson, Mark Fretz, and Kevin G. Van Den Wymelenberg (PI).
2. [*Effects of wetting events on mass timber surface microbial communities and VOC emissions: implications for building operation and occupant well-being*](#); *Frontiers in Microbiomes*, April 9, 2025, v.4; Gwynne Á Mhuireach, Susan Collins, Leslie Dietz, Patrick Finn Horve, Aurélie Laguerre, Dale Northcutt, Jason Stenson, Kevin G. Van Den Wymelenberg, Elliott Gall, Mark Fretz. (Double-blinded peer review)
3. [*Air, surface, and wastewater surveillance of SARS-CoV-2; a multimodal evaluation of COVID-19 detection in a built environment*](#); *Journal of Exposure Science & Environmental Epidemiology*, March 1, 2025, v.35, p.672-682; Andreas Olsen Martinez, Leslie G Dietz, Hooman Parhizkar, Devrim Kaya, Dale Northcutt, Patrick F. Horve, Jason Stenson, Michael Harry, David Mickle, Shana Jaaf, Oumaima Hachimi, Casey Kanalos, Isaac Martinotti, Garis Bowles, Mark Fretz, Christine Kelly, Tyler S Radniecki, Kevin G. Van Den Wymelenberg (PI). (Double-blinded peer review)
4. [*A novel VOC breath tracer method to evaluate indoor respiratory exposures in the near- and far-fields: implications for the spread of respiratory viruses*](#); *Journal of Exposure Science & Environmental Epidemiology*, May 2023, v.33, no.3, p.339-346; Hooman Parhizkar(S), Mark Fretz, Aurelie Laguerre, Jason Stenson, Richard L. Corsi (Co-I), Kevin G. Van Den Wymelenberg (PI, Corresponding Author), Elliott T. Gall (Co-I). (Double-blinded peer review)
 - a. Preprint Published: [*A novel VOC breath tracer method to evaluate indoor respiratory exposures in the near-and far-fields*](#); ResearchSquare, March 11, 2022; Hooman Parhizkar(S), Mark Fretz, Aurelie Laguerre, Jason Stenson, Richard L. Corsi (Co-I), Kevin G. Van Den Wymelenberg (PI, Corresponding Author), Elliott T. Gall (Co-I)
5. [*Garden soil bacteria transiently colonize gardeners' skin after direct soil contact*](#); *Urban Agriculture & Regional Food Systems*, 2023, v.8, no.1, e0035; Gwynne Á. Mhuireach (PI), Kevin G. Van Den Wymelenberg, Gail A. Langelotto. (Double-blinded peer review)
6. [*Temporary establishment of bacteria from indoor plant leaves and soil on human skin*](#); *Environmental Microbiome*, December 26, 2022, v.17, no.1; Gwynne Á. Mhuireach, Ashkaan K. Fahimipour, Roo Vandegrift, Mario E. Muscarella, Roxanna Hickey, Ashley C. Bateman (S), Kevin G. Van Den Wymelenberg (PI), Brendan J.M. Bohannon
 - a. Preprint Published: [*Moving microbes: the dynamics of transient microbial residence on human skin*](#); BioRxiv, March 26, 2019; Roo Vandegrift, Ashkaan Fahimipour, Ashley Bateman (S), Mario Muscarella, Ashkaan Fahimipour, Kevin G. Van Den Wymelenberg (PI), and Brendan Bohannon.
7. [*Toward Integrating Numeric Disease Transmission Risk in Energy Codes and Ventilation Standards*](#); *The Bridge*, National Academy of Engineering, September 15, 2022, v.52, no.3; Hooman Parhizkar, Alen Mahic, Kevin G. Van Den Wymelenberg (PI). (Invited, open review).
8. [*Evaluating Fomite Risk of Brown Paper Bags Storing Personal Protective Equipment Exposed to SARS-CoV-2: A Quasi-Experimental Study*](#); *PLOS ONE*, August 26, 2022; Kyirsty Unger, Leslie Dietz(S), Patrick Horve(S), Kevin G. Van Den Wymelenberg (Co-I), Amber Lin, Erin Kinney, Bory Kea (PI). (Double-blinded peer review).
 - a. Preprint Published: [*Evaluating Fomite Risk of Brown Paper Bags Storing Personal Protective Equipment Exposed to SARS-CoV-2: A Quasi-Experimental Study*](#); medRxiv, February 8, 2022,

- Kyirsty Unger, Leslie Dietz(S), Patrick Horve(S), Kevin G. Van Den Wymelenberg (Co-I), Amber Lin, Erin Kinney, Bory Kea (PI).
9. [Longitudinal Analysis of Built Environment and Aerosol Contamination Associated with Isolated COVID-19 Positive Individuals](#); Scientific Reports, May 5, 2022; Patrick Horve, Leslie Dietz, Garis Bowles(S), Georgia MacCrone, Andreas Olsen-Martinez, Dale Northcutt, Vincent Moore(S), Liliana Barnatan(S), Hooman Parhizkar(S), Kevin G. Van Den Wymelenberg (PI, Corresponding Author). (Double-blinded peer-review).
 - a. Published Previously: [Longitudinal Analysis of Built Environment and Aerosol Contamination Associated with Isolated COVID-19 Positive Individuals](#), ResearchSquare, August 31, 2021, P Patrick Horve, Leslie Dietz, Garis Bowles(S), Georgia MacCrone, Andreas Olsen-Martinez, Dale Northcutt, Vincent Moore(S), Liliana Barnatan(S), Hooman Parhizkar(S), Kevin G. Van Den Wymelenberg (PI, Corresponding Author).
 10. [Quantifying Environmental Mitigation of Aerosol Viral Load in a Controlled Chamber with Participants Diagnosed with Coronavirus Disease 2019](#); Clinical Infectious Diseases, January 6, 2022; Hooman Parhizkar (S), Leslie Dietz (S), Andreas Olsen-Martinez, Patrick Horve, Liliana Barnatan, Dale Northcutt, Kevin G. Van Den Wymelenberg (PI, Corresponding Author). (Single-blinded peer-review).
 - a. Published Previously: [Quantifying human and environmental viral load relationships amidst mitigation strategies in a controlled chamber with participants having COVID-19](#); ResearchSquare, September 29, 2021, Parhizkar (S), Leslie Dietz (S), Andreas Olsen-Martinez, Patrick Horve, Liliana Barnatan, Dale Northcutt, Kevin G. Van Den Wymelenberg (PI, Corresponding Author)
 11. [Evaluation of a Bioaerosol Sampler for Indoor Environmental Surveillance of Severe Acute Respiratory Syndrome Coronavirus 2](#); Plos One, November 15, 2021; Patrick F. Horve, Leslie Dietz, Dale Northcutt, Jason Stenson, Kevin G. Van Den Wymelenberg (Corresponding Author, PI). (Single-blinded peer-review).
 - a. Published Previously: [Evaluation of a Bioaerosol Sampler for Indoor Environmental Surveillance of Severe Acute Respiratory Syndrome Coronavirus 2](#); PrePrints, March 23, 2021; Patrick F. Horve, Leslie Dietz, Dale Northcutt, Jason Stenson, Kevin G. Van Den Wymelenberg (Corresponding Author, PI).
 12. [A Quantitative Risk Estimation Platform for Indoor Aerosol Transmission of COVID-19](#); Risk Analysis, October 28, 2021; Hooman Parhizkar (S), Kevin G. Van Den Wymelenberg (Corresponding Author), Charles N. Haas, Richard L. Corsi. (Single-blinded peer-review).
 - a. Published Previously: [A quantitative risk estimation platform for indoor aerosol transmission of COVID-19](#); MexRxiv, March 9, 2021; Hooman Parhizkar (S), Kevin G. Van Den Wymelenberg (Corresponding Author) Charles N. Haas, Richard L. Corsi.
 - b. Online risk estimation portal and graphic user interface available at: www.safeairspace.com
 13. [Differing effects of four building materials on surface microbial communities and VOCs](#); Developments in the Built Environment, July 2021, V.7. n.100055, Gwynne Á. Mhuireach (Corresponding Author), Patrick W. Horve, Willem Griffiths(S), Aurelie Laguerre(S), T. Dale Northcutt, Roo Vandegrift, Elliott Gall (Co-I)), and Kevin G. Van Den Wymelenberg (PI).
 14. [Identification of SARS-CoV-2 RNA in Healthcare Heating, Ventilation, and Air Conditioning Units; Indoor Air](#); June 29, 2021; Patrick F. Horve, Leslie Dietz, Mart Fretz, David A. Constant, Andrew Wilkes, John M. Townes, Robert G. Martindale (Co-I), William B. Messer, Kevin G. Van Den Wymelenberg (PI). (Single-blinded peer-review).

- a. *Published Previously:* [Identification of SARS-CoV-2 RNA in Healthcare Heating, Ventilation, and Air Conditioning Units](#); MedRxiv, June 28, 2020; Patrick F. Horve, Leslie Dietz, Mart Fretz, David A. Constant, Andrew Wilkes, John M. Townes, Robert G. Martindale (Co-I), William B. Messer, Kevin G. Van Den Wymelenberg (PI).
15. [Intensity and ratios of light affecting perception of space, co-presence and surrounding context, a lab experiment](#); Building and Environment, v.194, May 2021; Mette Hvass (S), Kevin G. Van Den Wymelenberg, Sebastian Boring, Katherine Hansen. (Double-blinded peer-review).
16. [Comparing perceptions of a dimmable LED lighting system between a real space and a virtual reality display](#); Lighting Research and Technology, February 2021; Siobhan Rockcastle (PI), Megan Danell (S), Evon Calabreses(S), G Sollom-Brotherton(S), Alen Mahic, Kevin G. Van Den Wymelenberg (Co-I), Robert Davis (PI). (Double-blinded peer-review).
17. [Severe Acute Respiratory Syndrome Coronavirus 2 \(SARS-CoV-2\) Environmental Contamination and Childbirth](#); Green Journal Obstetrics & Gynecology, V.136 I.4 P.827-829; October 2020, Amy Hermes, Patrick F. Horve, Alison Edelman (Co-I), Leslie Dietz, David Constant, Mark Fretz, William B. Messer (Co-I), Robert Martindale (Co-I), Kevin G. Van Den Wymelenberg (PI, Corresponding Author). (Double-blinded peer-review).
18. [Evaluating Volatile Organic Compound Emissions from Cross-Laminated Timber Bonded with a Soy-Based Adhesive](#); Buildings, 10 (11), 191; October 2020; Michael Yauk, Jason Stenson, Micah Donor, Kevin G. Van Den Wymelenberg (PI). (Double-blinded peer-review).
19. [Viable bacterial communities on hospital window components in patient rooms](#), PeerJ, July 2020; Patrick F. Horve, Leslie G. Dietz, Suzanne L. Ishaq, Jeff Kline, Mark Fretz, Kevin G. Van Den Wymelenberg (PI). (Double-blinded peer-review).
20. [2019 Novel Coronavirus \(COVID-19\) Pandemic: Built Environment Considerations to Reduce Transmission](#); mSystems 5:e00245-20, April 7, 2020; Leslie Dietz, Patrick F. Horve, David A. Coil, Mark Fretz, Jonathan A. Eisen (Co-I), Kevin Van Den Wymelenberg (PI); mSystems. (Most Read Article in mSystems Journal in 2020; Editor's Pick mSystems 2020; Top 10 Most Read Articles in 2020 American Society of Microbiology). (Editor-review).
 - a. *Published Previously:* [2019 Novel Coronavirus \(COVID-19\) Pandemic: Built Environment Considerations To Reduce Transmission](#); PrePrints, March 10, 2020; Leslie Dietz, Patrick F. Horve, David A. Coil, Mark Fretz, Jonathan A. Eisen (Co-I), Kevin Van Den Wymelenberg (PI).
21. [Assessing the visual comfort, visual interest of sunlight patterns, and view quality under differential window conditions in an open-plan office](#); LEUKOS, 2020; Belal Abboushi (S), Ihab Elzeyadi, Kevin G. Van Den Wymelenberg, Richard Taylor, Margaret Sereno, Grant Jacobsen. (Double-blinded peer-review).
 - a. *Published Previously:* *Do visually interesting sunlight patterns impact occupants' perceived glare in daylit offices?*, in Illuminating Engineering Society Light + Human Health: Circadian, Biological + Behavioral, 2018 IES Research Symposium, April 8-10, 2018, Atlanta, GA; Belal Abboushi (S), Ihab Elzeyadi, Kevin Van Den Wymelenberg, Grant Jacobsen. (Single-blinded peer-review).
22. [Lessons learned from implementing night ventilation of mass in a next-generation smart building](#); Energy and Buildings, v.207 (January 2020), 109547, Gwynne Á. Mhuireach, G.Z. Brown, Jeff Kline, Dristi Manandhar (S), Max Moriyama (S), Dale Northcutt, Isabel Rivera(S), and Kevin G. Van Den Wymelenberg (PI). (double-blinded peer review).

23. [*From one species to another: A review on the interaction of chemistry and microbiology in relation to cleaning in the built environment*](#); Indoor Air; v.29 i.6, (August 2019); Samantha Velazquez (S), Willem, Griffiths, Leslie Dietz, Patrick Horve (S), Suzi Nunez (S), J. Hu, J. Shen, Mark Fretz, C. Bi, Y. Xu, Kevin G. Van Den Wymelenberg (PI), Erica M. Hartmann (Co-I), Suzanne L. Ishaq. (Double-blinded peer-review).
24. [*Building upon current knowledge and techniques of indoor microbiology to construct the next era of theory into microorganisms, health, and the built environment*](#); Journal of Exposure Science & Environmental Epidemiology (June 2019); Patrick Horve (S), Savannah Lloyd (S), Gwynne A. Mhuireach, Leslie Dietz, Mark Fretz, Georgia MacCrone (S), Kevin G. Van Den Wymelenberg (PI), and Suzanne L. Ishaq. (Double-blinded peer-review).
25. [*Monitored indoor environmental quality of a mass timber building: a case study*](#); Buildings; 9(6): 142, (June 2019); Jason Stenson, Suzanne L. Ishaq, Aurelie Laguerre (S), Andrew Loia (S), Georgia MacCrone (S), Ignace Mugabo (S), Dale Northcutt, Mariapaola Riggio (Co-I), Andre Barbosa (Co-I), Elliott T. Gall (Co-I), Kevin G. Van Den Wymelenberg (PI). (Double-blinded peer-review).
26. [*Antimicrobial chemicals associate with microbial function and antibiotic resistance indoors*](#), mSystems 3:e00200; Ashkaan K. Fahimipour, Sarah Ben Maamar, Alexander G. McFarland, Ryan A. Blaustein, Jing Chen, Adam J. Glawe, Jeff Kline, Jessica L. Green (Co-I), Rolf U. Halden (Co-I), Kevin Van Den Wymelenberg (PI), Curtis Huttenhower (Co-I), Erica M. Hartmann (Co-I). (Double-blinded peer-review).
27. [*Daylight exposure modulates the structure of microbial communities associated with household dust*](#); Microbiome; (2018) 6:175, (October 2018); Ashkaan K. Fahimipour, Erica M Hartmann, Andy Siemens (S), Jeff Kline, David A. Levin, Hannah Wilson, Clarisse M Betancourt-Román, G.Z. Brown, Mark Fretz, Dale Northcutt, Kyla N. Siemens (S), Curtis Huttenhower (Co-I), Jessica L Green (Co-I), and Kevin G. Van Den Wymelenberg (PI). (double-blinded peer review).
28. [*Assessment of human exposure to triclocarban, triclosan, and five parabens in U.S. indoor dust using dispersive solid phase extraction followed by liquid chromatography tandem mass spectrometry*](#); Journal of Hazardous Materials; v. 360, pp 623-630, (August 2018); Jing Chen, Erica Hartmann, Jeff Kline, Kevin Van Den Wymelenberg (PI), Rolf Halden (PI). (double-blinded peer review).
29. *How monitoring CLT buildings can remove market barriers and support designers in North America: An introduction to preliminary environmental studies*, Portuguese Journal of Structural Engineering; rpee, series 3, no. 7 (July 2018); Evan L. Schmidt (S), Mariapaola Riggio (PI), Paul F. Laleicke (Co-I), Andre R. Barbosa (Co-I), Kevin G. Van Den Wymelenberg (PI).
 - a. Published Previously: *How monitoring CLT buildings can remove market barriers and support designers in North America: An introduction to preliminary environmental studies*, CLEM + CIMAD 2017 Conference, May 17-19, 2017; Evan L. Schmidt (S), Mariapaola Riggio (PI), Paul F. Laleicke (Co-I), Andre R. Barbosa (Co-I), Kevin G. Van Den Wymelenberg (PI). (single-blinded peer-review).
30. *Assessing the energy and daylighting impacts of human behavior with window shades, a life-cycle comparison of manual and automated blinds*, Automation in Construction, v. 92, pp.133-150, (2018); Amir Nezamdoost (S), Alen Mahić, Kevin G. Van Den Wymelenberg (PI). (Double-blinded peer-review).
31. *Cleanliness in context: reconciling hygiene with a modern microbial perspective*, Microbiome, v. 5, n. 1, pp. 76-88, July 14, 2017; Roo Vandegrift, Ashley C Bateman (S), Kyla N Siemens (S), May Nguyen (S), Hannah E Wilson, Jessica L Green (Co-I), Kevin G Van Den Wymelenberg (PI), Roxana J Hickey. (Double-blinded peer-review)

- a. Published Previously: *Cleanliness in context: reconciling hygiene with a modern microbial perspective*, BioRxiv, December 20, 2016; Roo Vandegrift, Ashley C Bateman (S), Kyla N Siemens (S), May Nguyen (S), Jessica L Green (Co-I), Kevin G Van Den Wymelenberg (PI), Roxana J Hickey.
- 32. *A daylighting field study using human feedback and simulations to test and improve recently adopted annual daylight performance metrics*, Journal of Building Performance Simulation, v.10, n.5-6, pp. 471-483, June 22, 2017; Amir Nezamdoost (S), Kevin G Van Den Wymelenberg (PI). (Double-blinded peer-review).
 - a. Published Previously: *Sensitivity study of annual and point-in-time daylight performance metrics: A 24 space multi-year field study*; ASHRAE and IBPSA-USA SimBuild 2016 Building Performance Modeling Conference Salt Lake City, UT, August 8-12, 2016; Amir Nezamdoost (S), Kevin Van Den Wymelenberg (PI). (Best Paper Award – Student Division; Single-blinded peer-review)
- 33. *A pilot daylighting field study: Testing the usefulness of laboratory-derived luminance-based metrics for building design and control*, Building and Environment, v. 113, pp. 78-91; Alen Mahić, Kiara Galicinao (S), Kevin G. Van Den Wymelenberg (PI). (double-blinded peer-review; invited for special issue)
- 34. *Revisiting the daylit area: Examining daylighting performance using subjective human evaluations and simulated compliance with the LEED version 4 daylight credit*, LEUKOS, v. 13, n. 2, pp. 107-123, 2017; Amir Nezamdoost (S), Kevin G. Van Den Wymelenberg (PI). (Double-blinded peer-review)
 - a. Published Previously: *Daylit area revisited: A comparative sensitivity study of daylit area drawings with daylight results from point-in-time and annual simulations*. In IES Annual Conference Proceedings, November 7-10, 2015, Indianapolis, ID, Amir Nezamdoost (S), Kevin G. Van Den Wymelenberg (PI). (Single-blinded peer-review)
- 35. *Evaluating A New Suite of Luminance-Based Design Metrics for Predicting Human Visual Comfort in Offices with Daylight*, LEUKOS, v. 12, n. 3, pp. 113-138, 2016; Kevin G. Van Den Wymelenberg, Mehlika Inanici. (Double-blinded peer-review)

Tenured 12/15/2015; University of Oregon

- 36. *Comparing Whole Building Energy Implications of Sidelighting Systems with Alternate Manual Blind Control Algorithms*, Buildings, vol. 5, no. 2, pp. 467–496, May 2015; Christopher Dyke (S), Kevin G. Van Den Wymelenberg (PI), Ery Djunaedy, and Judith Steciak. (Selected as “Feature Paper” in Special Issue “Advancements in Daylighting in Buildings”). (Double-blinded peer-review)
 - a. Published Previously: *A Contrast of Manual Blind Control Algorithms with Whole-Building Energy Implications*. In IES Annual Conference Proceedings, October 26-29, 2013, Huntington Beach, CA, Christopher Dyke (S), Ery Djunaedy, Judith Steciak, Kevin Van Den Wymelenberg (PI). (single-blinded peer-review)
- 37. *Energy and Demand Implications of Using Recommended Practice Occupancy Diversity Factors Compared to Real Occupancy Data in Whole Building Energy Simulation*, Journal of Building Performance Simulation, 2014, pp. 1-16, (published online 11/5/2014); Carlos Duarte (S), Ralph Budwig, Kevin G. Van Den Wymelenberg (PI). (Double-blinded peer-review)
- 38. *Visual Comfort, Discomfort Glare, and Occupant Fenestration Control: Developing a Research Agenda*, LEUKOS, v. 10, n. 4, pp. 207-221, 2014; Kevin Van Den Wymelenberg (PI). (Double-blinded peer-review)
- 39. *A Critical Investigation of Common Lighting Design Metrics for Predicting Human Visual Comfort in Offices with Daylight*, LEUKOS, v. 10, n. 3, pp. 145-164, 2014; Kevin Van Den Wymelenberg, Mehlika Inanici. (Top

10 Most Cited - Rank 5th most cited, 2nd most viewed LEUKOS journal article between 2011.06.25-2015.01.12). (*Double-blinded peer-review*)

- a. *Published Previously: Limitations of Common Lighting Metrics for Evaluating Human Visual Comfort in Spaces with Daylight*. In IES Annual Conference Proceedings, October 26-29, 2013, Huntington Beach, CA, Kevin Van Den Wymelenberg, Mehlika Inanici. (*Single-blinded peer-review*)
40. *Revealing occupancy patterns in an office building through the use of occupancy sensor data*. Energy and Buildings, 67, pp.587–595, 2013, Carlos Duarte (S), Kevin Van Den Wymelenberg (PI), Craig Rieger (PI). (*Double-blinded peer-review*)
 - a. *Published previously: Revealing Occupancy Patterns in Office Buildings Through the Use of Annual Occupancy Sensor Data*. In ASHRAE Annual Conference, June 22-26, 2013, Denver, CO, Carlos Duarte (S), Kevin Van Den Wymelenberg (PI), Craig Rieger (PI). (*Double-blinded peer-review*)

Tenured 7/1/2013; University of Idaho

41. *Evaluating Direct Energy Savings and Market Transformation Effects: A Decade of Technical Design Assistance in the Northwestern USA*, Energy Policy, v.52, pp. 342-353, 2012, Kevin Van Den Wymelenberg (PI), G.Z. Brown (PI), Heather Burpee, Ery Djunaedy, Gunnar Gladics, Jeff Kline, Joel Loveland (PI), Christopher Meek, Harshana Thimmana (S). (*Double-blinded peer-review*)
 - a. *Published previously: Measuring a Decade of Market Transformation – the Pacific Northwest Integrated Design Lab Network*, American Council for an Energy Efficient Economy 2012 Summer Study on Energy Efficiency in Buildings, August 12-17, 2012, Kevin Van Den Wymelenberg (PI), G.Z. Brown (PI), Joel Loveland (PI). (*Double-blinded peer-review*)
42. *Patterns of Occupant Interaction with Window Blinds: A Literature Review*, Energy and Buildings, v.51, pp. 165–176, 2012, Kevin Van Den Wymelenberg. (*Double-blinded peer-review*)
43. *Understanding Controls, Behaviors and Satisfaction in the Daylit Perimeter Office: A Daylight Design Case Study*, Journal of Interior Design, v.37, n.1, pp. 17-34, 2012, Julia Day (S), Judy Theodorson, & Kevin Van Den Wymelenberg. (*Double-blinded peer-review*)
44. *Oversizing of HVAC System: Signatures and Penalties*, Energy and Buildings, 43(2-3) [2011], 468-475; Ery Djunaedy, Kevin Van Den Wymelenberg (PI), Brad Acker, Harshana Thimmana (S). (*Double-blinded peer-review*)
45. *The Effect of Luminance Distribution Patterns on Occupant Preference in a Daylit Office Environment*; LEUKOS, v.7, n.2, pp. 103-122, October 2010; Kevin G. Van Den Wymelenberg, Mehlika Inanici, Peter Johnson. (*Double-blinded peer-review*)
 - a. *Published previously: A Study of Luminance Distribution Patterns and Occupants' Preferences in Daylit Offices*, Passive and Low Energy Architecture, Annual Conference Proceedings, June 2009, Québec City, Canada; Kevin Van Den Wymelenberg, Mehlika Inanici. (Finalist, Best Paper) (*Double-blinded peer-review*)

Non-peer-reviewed Journal Articles (invited):

1. [Exploring Integrated Environmental Viral Surveillance of Indoor Environments: A comparison of surface and bioaerosol environmental sampling in hospital rooms with COVID-19 patients](#); MedRxiv, March 26, 2021; Leslie Dietz, Patrick F. Horve, Mark Fretz, David A. Constant, Andrew Wilkes, John M. Townes, Robert G. Martindale (Co-I), William B. Messer (Co-I), Kevin G. Van Den Wymelenberg (PI).
2. *The Benefits of Natural Light*, Architectural Lighting, January 2014, Kevin Van Den Wymelenberg. Available at: http://www.archlighting.com/daylighting/the-benefits-of-natural-light_o.aspx

Tenured 7/1/2013; University of Idaho

3. *Mystery Through Daylight*, Lighting Design + Application, January 2013, Christopher Meek (PI), Kevin Van Den Wymelenberg (PI).
4. *A Guide to Daylighting Success*, Lighting Design + Application, Illuminating Engineering Society of North America, Christopher Meek (PI), Kevin Van Den Wymelenberg (PI), September 2011, Available at: <http://www.ies.org/Ida/hottopics/lre/1.cfm>
5. *Facing the Challenges of Integrated Design and Project Delivery*, Strategic Planning for Energy and the Environment, V28, N1, pp. 69-80, Spring 2008; Amy Hellmund, Kevin Van Den Wymelenberg (PI), Kenneth Baker.
 - a. *Published previously: Facing the Challenges of Integrated Project Delivery*, West Coast Energy Managers Congress, Conference Proceedings, May 2008, Seattle, WA; Amy Hellmund, Kevin Van Den Wymelenberg (PI), Kenneth Baker. (Single-blinded peer-review)
6. *Designing the Lit Environment, Techniques and Technologies for Holistic Lighting Design*, Architectural Lighting, May 2008; Kevin Van Den Wymelenberg (PI).
7. *Daylight Dialect*, Architectural Lighting, March 2008; Kevin Van Den Wymelenberg (PI).
8. *Cracked Rear View: Design for Change*, Column 5, University of Washington, College of Architecture and Urban Planning, 2001; Kevin Van Den Wymelenberg.

Peer-reviewed Conference Papers Proceedings (with full paper review):

1. [Developing an Application for Mass Plywood Panels in Seismic and Energy Wall Retrofits](#), Proceedings of the 2023 World Conference on Timber Engineering, Oslo, Norway, p.1034-1043; Mark Fretz(PI), Jason Stenson, Gustavo Fernando O. Orozco, Payton Narancic, Flynn Casey, Dale Northcutt, Kevin G. Van Den Wymelenberg (Co-I), Judith Sheine (Co-I), Andre R. Barbosa (PI).
2. [Seismic and Energy Retrofit of Multifamily Light-Frame Timber Residential Buildings Using Mass Ply Panel \(MPP\) Wall Façade System](#), Proceedings of the 2023 World Conference on Timber Engineering, Oslo, Norway, p.2669-2677; Gustavo Fernando O. Orozco, Andre R. Barbosa (PI), Mark Fretz (PI), Judith Sheine (Co-I), Jason Stenson, Kevin G. Van Den Wymelenberg (Co-I), Payton Narancic, Flynn Casey.
3. [A Simulation-Based Approach to Mitigation Disease Transmission Risk from Aerosol Particles in Buildings](#); 2022 IEEE ANNSIM SIMAUD Symposium on Simulation for Architecture + Urban Design, July 17-19, San Diego, CA; Hooman Parhizkar (S), Siobhan Rockcastle, Mark Fretz, Kevin G. Van Den Wymelenberg (PI).
4. *Open Home Project: Designing Modular Housing and Landscapes for Resilient Communities*; 2020 American Council for an Energy Efficient Economy 2020 Summer Study on Energy Efficiency in Buildings, online; August 17-21, 2020, Paul Ward, Ivan Castro(S), Thomas Fiorelli(S), Mark Fretz, Yekang Ko (Co-I), Jun Hak Lee(Co-I), Kory Russel (Co-I), Carolina da Silva(S), Kevin Van Den Wymelenberg (PI).
5. *Evaluating the Circadian Experience of Supportive Living Residents*; 2019 Joint CIE NC Canada, CIE NC US with the Council for Optical Radiation Measurements (CORM), October 2019, Ottawa, Canada; Presenter: Paul Ward; Authors: Sandra Byers (S), Delaney Hetrick, Jeff Kline, Dale Northcutt, Paul Ward, Drew Olguin (S), Emma Schumacher (S), Estefania Valdivia (S), Kevin G. Van Den Wymelenberg (PI).
6. *Comparing Lighting Perceptions between Real Space and Virtual Reality*; 5th CIE Expert Symposium on Colour and Visual Appearance, April 20-24, 2020, Hong Kong, Japan; Megan Danell (S), Alen Mahic, Robert Davis (PI), Kevin Van Den Wymelenberg (Co-I), Siobhan F. Rockcastle (PI).
7. *A Case Study Comparison of Energy Savings and Occupant Comfort for a Luminaire Level Lighting Controls One-For-One Replacement in an Open-Office Environment*; in Illuminating Engineering Society Annual

- Conference 2019, August 8-10, 2019, Louisville, Kentucky; Alen Mahic, Jeff Kline, Dale Northcutt, Kevin G. Van Den Wymelenberg (PI).
8. *The Impact of Lighting and Views on the Workplace of the Future*, in Illuminating Engineering Society Annual Conference 2019, August 8-10, 2019, Louisville, Kentucky; Paul Ward, Siobhan Rockcastle, Jeff Kline, Kevin G. Van Den Wymelenberg (PI).
 9. *Preliminary investigation of helium diffusion sampling for monitoring of indoor volatile organic compounds*; Proceedings of Indoor Air 2018, Philadelphia, PA, July 2018; Aurelie Laguerre (S), Jason Stenson, Kevin G. Van Den Wymelenberg (PI), Elliott T. Gall (Co-I).
 10. *Visual Effects of Wood on Thermal Perception of Interior Environments*; in Architectural Research Centers Consortium 2019 Annual Conference, May 29- June 1, 2019, Toronto, Canada; Denise Blankenberger (S), Jason Stenson, Mark Fretz, Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review).
 11. *A Human Factors Study to Update a Recently Proposed Manual Blind Use Algorithm for Energy and Daylight Simulations*, in IECON 2018 the 44th Annual Conference of the IEEE Industrial Electronics Society, October 21-23, 2018, Washington DC; Amir Nezamdoost (S), Alen Mahic, Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review)
 12. *Developing a Process for Continuous Commissioning*, in IECON 2018 the 44th Annual Conference of the IEEE Industrial Electronics Society, October 21-23, 2018, Washington DC; Paul Ward (S), David Ward, Mike Hatten, Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review)
 13. *Do visually interesting sunlight patterns impact occupants' perceived glare in daylit offices?*, in Illuminating Engineering Society Research Symposium on Light + Human Health, April 8-10, 2018, Atlanta, GA; Belal Abboushi (S), Ihab Elzeyadi, Kevin Van Den Wymelenberg, Grant Jacobsen. (Single-blinded peer-review)
 14. *Blindswitch 2017: Proposing A New Manual Blind Control Algorithm for Daylight and Energy Simulation*, In Illuminating Engineering Society Annual Conference Proceedings, August 10-12, 2017, Portland, OR; Amir Nezamdoost (S), Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review)
 15. *Optimizing Economizer Operation by Virtual Commissioning through Remote Co-Simulation*, In Building Simulation 2017 Conference Proceedings, August 7-9, San Francisco, CA; Damon Woods (S), Tyler Noble (S), Brad Acker, Ralph Budwig, Kevin G. Van Den Wymelenberg (PI). (Double-blinded peer-review)
 16. *Can we use smartphone-imaging sensors as low cost luminance mapping tools to support design processes, integrated lighting system control and human factors research?*. In IES Annual Conference Proceedings, October 23-25, 2017, Orlando, FL; Krysten Gormly (S), Alen Mahić, Kevin Van Den Wymelenberg (PI). (single-blinded peer-review)
 17. *Metered Energy Efficiency Transaction Structure in Ultra-Efficient New Construction: Pay-For-Performance at the Bullitt Center in Seattle, WA*, American Council for an Energy Efficient Economy 2016 Summer Study on Energy Efficiency in Buildings, Asilomar, CA; August 21-26, 2016, Terry Egnor, Denis Hayes, John Jennings, David Rodenhizer, Howard Reichmuth, Kevin Van Den Wymelenberg (PI), Christopher Meek (PI). (Double-blinded peer-review)
 18. *Simulation on Demand for Deep Energy Retrofits*, American Council for an Energy Efficient Economy 2016 Summer Study on Energy Efficiency in Buildings, Asilomar, CA; August 21-26, 2016; L. Damon Woods (S), Alen Mahić, Kevin Van Den Wymelenberg (PI), John Jennings, Jeff Cole. (Double-blinded peer-review)
 19. *Improving the Accuracy of Measurements in Daylit Interior Scenes using High Dynamic Range Photography*, Passive and Low Energy Architecture (PLEA) 2016 Conference, Los Angeles, CA, July 11-13,

2016, J. Alstan Jakubiec, Kevin G. Van Den Wymelenberg, Mehlika Inanici, Alen Mahić. *(Double-blinded peer-review)*

20. *Accurate Measurement of Daylit Interior Scenes using High Dynamic Range Photography*, CIE (International Commission on Illumination) 2016 Lighting Quality and Energy Efficiency Conference, Melbourne, Australia, March 3-5, 2016, J. Alstan Jakubiec, Kevin G. Van Den Wymelenberg, Mehlika Inanici, Alen Mahić. *(Double-blinded peer-review)*

Tenured 12/15/2015; University of Oregon

21. *Towards an Integrated Framework for Predicting Visual Comfort Conditions from Luminance-based Metrics in Perimeter Daylit Spaces*. In 14th International Conference of the International Building Performance Simulation Associate, Building Simulation 2015, December 7-9, 2015, Hyderabad, India, J. Alstan Jakubiec, Christoph Reinhart, Kevin G. Van Den Wymelenberg. *(Double-blinded peer-review)*
22. *A comparative study of spatial daylit area drawings with annual climate-based simulation using multiple manual blind control patterns, and point in time simulation*, 2015 ASHRAE Energy Modeling Conference: Tools for Designing High Performance Buildings, October 2015, Atlanta, GA; Amir Nezamdoost (S), Kevin Van Den Wymelenberg (PI). *(Single-blinded peer-review)*
23. *Annual Energy and Daylight Impacts of Three Manual Blind Control Algorithms*. In IES Annual Conference Proceedings, November 2-4, 2014, Pittsburgh, PA; Amir Nezamdoost (S), Alen Mahić, Kevin Van Den Wymelenberg (PI). *(Single-blinded peer-review)*
24. *Merging the Power of Simulation with the Simplicity of a Spreadsheet: Heat Pump Efficiency Calculator*, American Council for an Energy Efficient Economy 2014 Summer Study on Energy Efficiency in Buildings, August 17-22, 2014, Jacob Dunn, Katrina Lechlitter, Kevin G. Van Den Wymelenberg (PI). *(Double-blinded peer-review)*
25. *Targeted Calibration of Energy Model*, ASHRAE 2014 Annual Conference, June 28-July 2, 2014, Seattle, WA; Ery Djunaedy, Kevin G. Van Den Wymelenberg (PI). *(Double-blinded peer-review)*
26. *Toward Resolving Discomfort Glare from Vertical Fenestration*. In IES Annual Conference Proceedings, October 26-29, 2013, Huntington Beach, CA, Kevin Van Den Wymelenberg (PI). *(Single-blinded peer-review)*

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27. *Plug Load Energy Profiles and Energy Saving Interventions in Office Environments*, American Council for an Energy Efficient Economy 2012 Summer Study on Energy Efficiency in Buildings, August 12-17, 2012, Brad Acker, Kevin Van Den Wymelenberg (PI). *(Double-blinded peer-review)*
28. *Simulation-Based Daylighting Design Education and Technical Support*, Building Simulation 2011 Annual Conference Proceedings, November 14-16, 2011, Sydney, Australia; Kevin Van Den Wymelenberg (PI), Christopher Meek (PI). *(Double-blinded peer-review)*
29. *Rightsizing: Using Simulation Tools to Solve the Problem of Oversizing*, Building Simulation 2011 Annual Conference Proceedings, November 14-16, 2011, Sydney, Australia; Ery Djunaedy, Kevin Van Den Wymelenberg (PI), Harshana Thimmanna (S). *(Double-blinded peer-review)*
30. *Using Building Performance Modeling as a Vehicle for Re-Integration*, American Society of Engineering Education 2011 Annual Conference Proceedings, June 26-29, 2011, Vancouver, British Columbia, Canada; Jacob Dunn, Gunnar Gladics, Kevin Van Den Wymelenberg, Ery Djunaedy, Sherry McKibben. (Best Paper – Architectural Engineering Division). *(Double-blinded peer-review)*

31. *Demand Control Ventilation: Lessons from the Field - How to Avoid Common Problems*, 2011 ASHRAE Winter Conference Proceedings, Jan-Feb 2011, Las Vegas, NV; Brad Acker, Kevin Van Den Wymelenberg (PI), Ery Djunaedy. (Double-blinded peer-review)
32. *61 Flavors of Daylight*, American Council for an Energy Efficient Economy, Summer Study Conference Proceedings, August 2010, Pacific Grove, CA; Mudit Saxena, Lisa Heschong (PI), Kevin Van Den Wymelenberg, Seth Wayland. (Double-blinded peer-review)
33. *Heliodon: Automated and Integrated*, American Solar Energy Society, Annual Conference Proceedings, July 2006, Denver, CO; Kevin Van Den Wymelenberg (PI), Craig Cornwall, Adam Stoelting. (Double-blinded peer-review)
34. *Daylighting Lab Operations and Management Plan*, American Solar Energy Society, Annual Conference Proceedings, May 2006; Kevin Van Den Wymelenberg (PI), Joel Loveland, Christopher Meek. (Double-blinded peer-review)
35. *The Seattle Justice Center, Visual Comfort*, American Solar Energy Society, 33rd Annual Conference Proceedings, Portland, OR, July 11-14, 2004; Kevin Van Den Wymelenberg, Joel Loveland (PI), Christopher Meek. (Double-blinded peer-review)

Peer-reviewed Conference Papers (with abstract review):

1. *Shut the front door: seasonal patterns in window operation drive fungal and bacterial community dissimilarity between indoor and outdoor air*; in Indoor Air Conference, July 22-27, 2018, Philadelphia, PA; Roo Vandegrift, Suzanne L. Ishaq, Jeff Kline, Ashkaan Fahimipour, Jason Stenson, Ryann Crowley, Hannah Wilson, Dale Northcutt, Erica Hartmann, Deborah Johnson-Shelton (Co-I), G.Z. Brown (PI), Jessica Green (Co-I), Kevin Van Den Wymelenberg (Co-I). (Single-blinded peer-review)
2. *Microscopic roommates: the biological sources of indoor air bacteria of single-family homes in Portland, Oregon*; in Indoor Air Conference, July 22-27, 2018, Philadelphia, PA; Suzanne L. Ishaq, Roo Vandegrift, Jeff Kline, Ashkaan Fahimipour, Jason Stenson, Ryann Crowley, Hannah Wilson, Dale Northcutt, Erica Hartmann, Deb Johnson-Shelton (Co-I), G.Z. Brown (PI), Jessica Green (Co-I), Kevin Van Den Wymelenberg (Co-I). (Single-blinded peer-review)
3. *Antibiotic resistance and antimicrobial chemicals In the built environment*, In Ecological Society of America (ESA) Conference, August 6-11, 2017, Portland, OR; Erica Hartmann, Roxana Hickey, Tiffany Hsu (S), Jing Chen (S), Clarisse M. Betancourt Román, Adam J. Glawe (S), Jeff Kline, Kevin Van Den Wymelenberg (PI), G.Z. (Charlie) Brown (Co-I), Rolf U. Halden (Co-I), Curtis Huttenhower (Co-I), Jessica L. Green (Co-I). (Single-blinded peer-review)
4. *Improving Lifeguard Visibility in Aquatics Facilities by Minimizing Glare*, poster and paper in Illuminating Engineering Society Annual Conference Proceedings, August 10-12, 2017, Portland, OR; Denise Blankenberger (S), Rachel Bergseteren Strange (S), Achyuthan Ramaswamy (S), Alen Mahic, Kevin G. Van Den Wymelenberg (PI). (Single-blinded peer-review)
5. *A Comparative Study on Toplighting Strategies in an Academic Building*, poster and paper in Illuminating Engineering Society Annual Conference Proceedings, August 10-12, 2017, Portland, OR; Amir Nezamdoost (S), Rachel Cui (S), Alen Mahić, Joel Mbala-nkanga (S), Haley Nelson (S), Kevin G. Van Den Wymelenberg (PI) (Single-blinded peer-review)
6. *TaskShade™ Prototype Development & Field Tests on University of Oregon Campus*, poster and paper in Illuminating Engineering Society Annual Conference Proceedings, August 10-12, 2017, Portland, OR;

Serena Lim (S), Kayla Swanson (S), Gilbert Griffin (S), Marisa Lapin (S), Kevin G. Van Den Wymelenberg (PI). (Single-blinded peer-review)

7. July 2017. Vandegrift, R., A. Fahimipour, J. Kline, A. Manzo, D. Northcutt, J. Stenson, H.E. Wilson, R. Crowley, E. Hartmann, D. Johnson-Shelton (Co-I), G.Z. Brown (PI), J. Green (Co-I), K.G. Van Den Wymelenberg (Co-I). "Impacts of Weatherization on Indoor Fungal Communities." Mycological Society of America Meeting 2017. Athens, GA.

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8. *Analysis of Zero-Net Energy Districts; End Use, Urban Density and Energy Efficiency Prospects*, In iiSBE Net Zero Built Environment 2014 Symposium, 17th Rinker International Conference, March 6-7, 2014, Gainesville, FL; Ciera L. Shaver (S), Gunnar R. Gladics, Kevin G. Van Den Wymelenberg (PI). (Single-blinded peer-review)

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9. *Using Post Occupancy Evaluation to Refine and Improve Utility Building Efficiency Programs*, World Energy Engineering Congress, Annual Conference Proceedings, December 2010, Washington DC; Gunnar Gladics, Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review)
10. *A Climate Responsive Design Tool to Promote Passive Low Energy Design*, American Solar Energy Society, Annual Conference Proceedings, May 2009, Buffalo, NY; G.Z. Brown (PI), Kevin Van Den Wymelenberg (PI), Jeff Kline, Ery Djunaedy. (Single-blinded peer-review)
11. *Zero Saving Technologies, Why Commissioning is Needed - M&V Case Studies*, West Coast Energy Managers Congress Annual Conference Proceedings, May 2010, Seattle, WA; Brad Acker, Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review)
12. *Design Lab: Exploring synergies of outreach, research and teaching while innovating classroom design*, American Collegiate Schools of Architecture, Annual Meeting Proceedings, March 2009, Portland, OR; Kevin Van Den Wymelenberg (PI), Jim Coles, Brad Acker, Ery Djunaedy. (Single-blinded peer-review)

Non-peer-reviewed Conference Papers (invited, etc.):

1. *Using the Time Delay of Radiant Systems to the Grid's Advantage*, EPI's 4th Annual Energy Policy Research Conference, San Francisco, CA, September 4-5, 2014, Damon Woods (S), Kevin Van Den Wymelenberg (PI), John Gardner (PI).
2. *Strategic Energy Management Planning Using Energy Signatures in Commercial Buildings*, EPI's 4th Annual Energy Policy Research Conference, San Francisco, CA, September 4-5, 2014, Shrief Elsayed Shrief (S), Ralph Budwig, Kevin Van Den Wymelenberg (PI).

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3. *Annual Daylight Performance Metrics*, In Building Synapses: Connections in Lighting, IES Annual Conference Proceedings, Minneapolis, MN, November 11-13, 2012, Lisa Heschong (PI). & Kevin Van Den Wymelenberg (Co-I).
4. *Retro-Zero: The Cost of Carbon Neutral Existing Buildings*, 2nd Annual Western Energy Policy Research Conference, Boise, ID, August 30-31, 2012, Gunnar Gladics, Julia Day, Kevin Van Den Wymelenberg (PI).
5. *Prioritizing and Visualizing Energy Management and Control System Data to Provide Actionable Information for Building Operators*, Western Energy Policy Research Conference, Boise, ID, August 25-26, 2011; Carlos Duarte (S), Brad Acker, Ray Grosshans, Milos Manic, Kevin Van Den Wymelenberg (PI), Craig Rieger (PI).

Other Publications:

1. [*Ventilation Toolkit: For the mitigation of respiratory infection transmission in residential care facilities*](#), Institute for Health in the Built Environment, University of Oregon, 2023; Alen Mahic, Dale Northcutt, Jason Stenson, Kevin Van Den Wymelenberg, Mark Fretz (PI).
2. [*Forest to Façade: Developing and Application for Mass Plywood Panels in Seismic and Energy Wall Retrofits*](#), Institute for Health in the Built Environment, University of Oregon, 2023; Flynn Casey, Mark Fretz (PI), Payton Narancic, Dale Northcutt, Judith Sheine, Jason Stenson, Kevin Van Den Wymelenberg, Andre Barbosa, Phil Mann, Gustavo Fernando Orozco, Mark Gerig.
3. [*Carbon Narratives for Design Planning*](#), Institute for Health in the Built Environment, University of Oregon, 2023; Ethan Bloom, Pallavi Chidambaranath, Mark Fretz (PI), Alison Kwok, Alen Mahic, Katherine Martin, Dale Northcutt, Joshua Rowell, Jason Stenson, Kevin G. Van Den Wymelenberg, Elaine Onell, Maureen Puettmann.
4. [*Patterns for Health: a parametric tool for creating healthy spaces*](#), Institute for Health in the Built Environment, University of Oregon, November 2022; Isaac Martinotti, Alen Mahic, Kevin G. Van Den Wymelenberg (Co-PI), Mark Fretz (Co-PI).
5. [*A Dose of Nature*](#) – IES Lighting Design + Application, Kevin G. Van Den Wymelenberg, Alen Mahic, Paul Ward, March 3, 2022.
 - a. Reprinted: <https://betterbricks.com/resources/a-dose-of-nature>
6. *Building Materials and Carbon Guidelines*, Global Workplace Design and Construction, as part of Institute for Health in Built Environment, for Nike, 2022.
7. [*The Impact of School Facilities on Student Learning and Engagement*](#), Institute for Health in the Built Environment, University of Oregon, 2021; Maria Camila Coronado, Stephen Feinberg, Mark Fretz, Alison Kwok, Alexandra Gotlin, Riley Greenheck, Jean Lee, Natalie Pfeifer, John Seely, Natassja Steeves, Kevin G. Van Den Wymelenberg.
8. *Indoor Environmental Quality Guidelines*, Global Workplace Design and Construction, as part of Institute for Health in Built Environment, for Nike, 2021.
9. [*Luminaire Level Lighting Controls Replacement vs Redesign Comparison Study*](#); Northwest Energy Efficiency Alliance, September 3, 2020; Alen Mahic, Jeff Kline, Dale Northcutt, and Kevin G. Van Den Wymelenberg (PI).
10. [*"Lives & Livelihoods: the UnSeen Hope to Reopen"*](#), MicroBE.net, Kevin G. Van Den Wymelenberg and Mark Fretz, May 22, 2020.
11. [*"Buildings have their own microbiomes – we're striving to make them healthy places"*](#) The Conversation, Kevin G. Van Den Wymelenberg, Leslie Dietz, and Mark Fretz, April 17, 2020.
 - a. Reprinted by Fast Company – April 20, 2020: <https://www.fastcompany.com/90493034/how-architects-can-stop-covid-19-from-being-transmitted-indoors>
 - b. Reprinted by GreenBiz – May 8, 2020: <https://www.greenbiz.com/article/were-striving-make-buildings-and-their-microbiomes-healthy-places>
12. [*"The Impact of Lighting and Views on The Workplace of The Future"*](#), Build Health, University of Oregon; P. Ward, S. F. Rockcastle, J. Klein, K. Van Den Wymelenberg, August 12, 2019.
13. *"OHSU Sink Splash Zone Investigation and Behavioral Monitoring on 14K Oncology Unit,"* to Oregon Health Sciences University, M. Fretz, J. Stenson, K. Van Den Wymelenberg, June 2019.

14. "Poynter Middle School, Hillsboro School District, Very High Efficiency Dedicated Outdoor Air System Post-Retrofit Monitoring Results," Report to Northwest Energy Efficiency Alliance, J. Stenson, K. Van Den Wymelenberg, April 2019.
15. "Acoustic Lab Testing (ASTM E492-2016, ASTM E90-2016) of CLT and MPP Wall and Floor Assemblies for Multi-Family Residential Application," to TallWood Design Institute, M. Fretz, D. Northcutt, J. Stenson, E. Zagorec-Marks, K. Van Den Wymelenberg, March 2019.
16. "BetterAir Environmental Probiotic Treatment: Final Report," to BetterAir USA, P. Horve, G. Mhuireach, J. Stenson, R. Vandergrift, K. Van Den Wymelenberg, December 2018.
17. "King County, Jameson / ArcWeld Buildings Replacement Project, MEP Laboratory Report," to MWA Architects, J. Stenson, K. Van Den Wymelenberg, August 2018.
18. "The Impact of Weatherization on Microbial Ecology and Human Health, Final Report," to US EPA, C. Betancourt, G. Brown, G. Cil, R. Clemmer, R. Crowley, S. Davidson, A. Fahimipour, M. Fretz, J. Green, E. Hartmann, R. Hickey, S. Ishaq, D. Johnson-Shelton, J. Kline, W. Koelfgen, S. Long, A. Manzo, L. Marion, G. Mhuireach, J. Stenson, S. Swanson, R. Vandegrift, H. Wilson, K. Van Den Wymelenberg, August 2018.
19. "Knight Campus, University of Oregon, Daylighting and Glare report #2 issued to Ennead, Bora Architects, and UO CPFM, S. Rockcastle, A. Mahic, A. Nezamdoost, K. Van Den Wymelenberg, March 2018.
20. "Knight Campus, University of Oregon, Daylighting and Glare report #1 issued to Ennead, Bora Architects, and UO CPFM, S. Rockcastle, A. Mahic, A. Nezamdoost, K. Van Den Wymelenberg, February 2018.
21. "Changing surface coefficients, T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir August 2017, to Miller Nash Graham & Dunn LLP.
22. "Report #3 Wärme Und Feuchte Instationär (WUFI) Analysis of PCC Newberg SIP Leakage: Special report for Paul Bennett," T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir August 2017, to Miller Nash Graham & Dunn LLP.
23. "Tykeson Hall, University of Oregon, Daylighting report issued to Rowell Brokaw Architects, Office 52, and UO CPFM, K. Van Den Wymelenberg, A. Mahic, A. Nezamdoost, June 2017.
24. "Newberg Center, Portland Community College, Rebuttal Report to MC Consultants Report Defect Issue Report Building Envelope and SIP Investigation, T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir, June 2017, to Miller Nash Graham & Dunn LLP.
25. Barbour Residence Heating and Cooling Load v1, v2, v3, T.D. Northcutt, A. Mahic, K. Van Den Wymelenberg, April 2017, to Living Systems Sustainable Architecture.
26. Comparison of 2014 Oregon Energy Efficiency Specialty Code Performance to ASHRAE 90.1-2013, T.D. Northcutt, A. Mahic, K. Van Den Wymelenberg, April 2017, to Oregon Department of Consumer and Business Services.
27. PCC questions about SIP moisture resistance, T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, April 2017, to Miller Nash Graham & Dunn LLP.
28. Report #3 Jefferson Library Energy Modeling, T.D. Northcutt, G. Z. Brown, G. Mhuireach, K. Van Den Wymelenberg, March 2017, to Rowell Brokaw Architects.
29. Energy Plus Mid Rise Model Technical Review, T.D. Northcutt, A. Mahic, and Kevin G. Van Den Wymelenberg, February 2017, to Solarc Energy Group.
30. IR Camera Vignetting, T.D. Northcutt, D. Blankenberger, and K. Van Den Wymelenberg, January 2017, internal.

31. *Mass temperature at different depths*, T.D. Northcutt, K. Van Den Wymelenberg, December 2016, to Systems West Engineers.
32. *Report #2 Jefferson Library Energy Modeling*, T.D. Northcutt, G. Z. Brown, G. Mhuireach, K. Van Den Wymelenberg, November 2016, to Rowell Brokaw Architects.
33. *Newberg Center, Portland Community College, Report of Investigation of Failure of Roof Assembly*, T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir, November 2016, to Miller Nash Graham & Dunn LLP.
34. *City of Springfield CLT Parking Structure report #2 on wind-driven rain field testing*, May 2016, Ward, P., Kline, J., K. Van Den Wymelenberg.
35. *Report #N Wärme Und Feuchte Instationär (WUFI) Analysis of PCC Newberg SIP Leakage: Climate, Building data, and Physical testing*, T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir, October 2016, to Miller Nash Graham & Dunn LLP.
36. *Report #N Wärme Und Feuchte Instationär (WUFI) Analysis of PCC Newberg SIP Leakage: PBS007 with and without nails & PBS 008 with screws*, T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir, October 2016, to Miller Nash Graham & Dunn LLP.
37. *City of Springfield CLT Parking Structure report #1 on wind-driven rain field testing and weather data*, May 2016, Ward, P., Kline, J., K. Van Den Wymelenberg.
38. *University of Oregon - Internal Energy Conservation Opportunities*. May 2016, Ward, P., Kline, J., Hatten, M., Brown, G.Z., Kevin G. Van Den Wymelenberg.

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39. *Identification of Discomfort Glare Sources from Vertical Fenestration and Occupant Control Strategies*; Technical Report – 130112-01, Illuminating Engineering Society, Submitted November 15, 2013, Released May 8, 2014; Kevin G. Van Den Wymelenberg. (*Open peer-review*)

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40. *Evaluating Human Visual Preference and Performance in an Office Environment Using Luminance-based Metrics*, PhD Dissertation, University of Washington – College of Built Environments, Summer 2012, Kevin Van Den Wymelenberg.
41. *Lighting Measurement #83 (LM-83), Spatial Daylight Autonomy and Annual Sunlight Exposure*, July 2012, Illuminating Engineering Society of North America - Daylight Metrics Committee (Vice Chair). (*Open peer-review*)
42. *Northwest Net Zero Homes: An investigation of Five Homes that Targeted Net Zero Energy Use*. Northwest Energy Efficiency Alliance, Jake Dunn, Gunnar Gladics & Kevin Van Den Wymelenberg, April 1, 2011. Available at: <http://www.northwestenergystar.com/partners/blog/2011/06/08/nw-net-zero-homes-report>
43. *Energy Efficiency and Conservation Task Force Report*, October 2010, Idaho Strategic Energy Alliance Energy Efficiency and Conservation Task Force (Task Force Chair).
44. *Energy Efficiency and Conservation Task Force Report*, June 2009, Idaho Strategic Energy Alliance Energy Efficiency and Conservation Task Force (Task Force Member).
45. *High-Performance Idaho?*, Northwest Energy News + Analysis, nwcurrent.com, May 31, 2006; Kevin Van Den Wymelenberg.
46. *Daylighting Lab Operations & Management Plan*, The Lighting Research Center, Daylight Dividends, Rensselaer Polytechnic Institute, December 2005; Kevin Van Den Wymelenberg, Joel Loveland, Christopher Meek. (*Open peer-review*)

47. *Traces of Light, Silence and Solitude: A Franciscan Hermitage in the North Cascades*, Master of Architecture Thesis, University of Washington – College of Architecture and Urban Planning, Fall 2002, Kevin Van Den Wymelenberg.

Other Creative Activities:

1. Contributions to the [Institute for Health in the Built Environment Microbial Tectonics Exhibitions](#), at the [2023 Future Cities: Livable Futures: Transpecies Design Symposium](#), Venice Architecture Biennale, Italy, May 2023.
2. IHBE YouTube Videos available here: <https://www.youtube.com/channel/UCW3IA2FQCwkxXf8sBL4kaw> (2018-2022)
3. BioBE Vimeo Videos available here: <https://vimeo.com/user22991553> (2015-2022)
4. [Know Your Air](#); COVIDStraightTalk.com, Kevin G. Van Den Wymelenberg with Last Mile Works and Lupita Montoya, March 2021.
5. www.safeairspace.com; online COVID-19 indoor transmission risk estimation platform, Hooman Parhizkar(S), Richard Corsi, Kevin G. Van Den Wymelenberg
6. [UO IHBE COVID Blueprint to Save Lives AND Restore Livelihoods](#); YouTube, Kevin G. Van Den Wymelenberg, Garrett Leaver, Mark Fretz, July 2020.
7. [COVID-19 Pandemic & Your Home](#); YouTube, Kevin G. Van Den Wymelenberg and University of Oregon, April 2020.
8. [The Good the Bad the Indoor Microbiome](#); YouTube, Kevin G. Van Den Wymelenberg and University of Oregon Understood Series, April 2020.
9. [The Guangzhou Restaurant Outbreak](#); YouTube, Garrett Leaver, Mark Fretz, Kevin G. Van Den Wymelenberg, March 2020.
10. [Light Box Video](#); Vimeo, Jeff Kline, Delaney Hetrick, F. Curliss, Sue Ishaq, S. Rosenberg, S. Lloyd, M. Zimmerman, Kevin G. Van Den Wymelenberg, Eugene, OR: University of Oregon, 2019.
11. *Other Photographs for book cover and content of several buildings (NBBJ NYC Offices, Mt. Angel Library Oregon, Ash Creek Intermediate School in Oregon, Ben Franklin Elementary School in Seattle, Yesler Community Center in Seattle, Endeavor Elementary School in Idaho, Center for Advanced Energy Studies in Idaho, Ada Co. Administration in Idaho, Donnelly Elementary School in Idaho)*, IES RP-5-13 – Recommended Practice for Daylighting Buildings: Illuminating Engineering Society of North America, K. G. Van Den Wymelenberg, C. Meek, N. Huboff, G. Gladics - 2013.
12. Energy Efficiency Diagnostic Tool Loan Library, <http://www.idlboise.com/tool-loan-library>, 2010-2015.
13. Integrated Design Lecture Series Online Archive, <http://www.idlboise.com/video-archives>, 2006-2015.
14. High Performance Building Case Studies Web Site, <http://www.idlboise.com/case-studies>, 2004-2015.
15. *Daylighting Podcast Series*, Illuminating Engineering Society of North America, (5) 25-minute podcasts with Matthew Tanteri and Christopher Meek, released in 2012. (
 - a. <http://www.youtube.com/watch?v=xKM2EcBY1D0>
 - b. <http://www.youtube.com/watch?v=3XWhAQYiUM4>
 - c. <http://www.youtube.com/watch?v=Q9wrp4mjiIQ>
 - d. <http://www.youtube.com/watch?v=StNjQvw56JI>
 - e. <http://www.youtube.com/watch?v=6yClzSnwcRke>
16. *eLAD – eLearning platform for commercial building lighting and daylighting systems*, Lawrence Berkeley Lab; contributing author, 2010-2012. (<http://www.su-per-b.org/projects/elad.html>)
17. *Ten Daylit Spaces in the PNW*, Faculty Exhibition, Prichard Art Gallery, color photography, December 2011 – January 2012.
18. *Daylighting design: human health, productivity and energy savings*; Building a Greener Idaho, Boise Radio, 30-minute radio interview with host Sharon Patterson, January 24, 2012.

19. Daylight Patterns Guide Web Tool, www.patternguide.advancedbuildings.net, 2009-2011, with Chris Meek, University of Washington.
20. Passive Design Strategy Calculation Web Tool, <http://www.idlboise.com/design-tool/passive-design-strategy-calculators>, 2011.
21. *Photographs of Terry Thomas Building and Pierce County Environmental Services Building*, Tenth ed. Of The Lighting Handbook. pp. 14.2, 19.3: Illuminating Engineering Society of North America, K. G. Van Den Wymelenberg and C. Meek, 2011.
22. *Photographs of Terry Thomas Building*, High Performance Buildings, vol. 3, no. 3, pp. Cover, 26, 29, 33, 34, K. G. Van Den Wymelenberg and C. Meek, Summer-2010.
23. Carbon Neutral Building Initiative Web Site, www.buildingcarbonneutral.org, 2007-2008, with G.Z. Brown, University of Oregon.
24. Climate Responsive Design Web Tool, www.idlboise.com/design-tool/climate-responsive-design-web-tool, 2007-2008, with G.Z. Brown, University of Oregon.

Popular Press, Interviews, Newspaper Articles:

1. *Why Rich People Don't Cover Their Windows*, The Atlantic, January 22, 2024: <https://www.theatlantic.com/family/archive/2024/01/uncovered-windows-curtains-wealthy-neighborhoods/677204/>
2. *Time Space Existence show in Venice spotlights solutions for a planet under pressure*, de zeen, May 25, 2023: <https://www.dezeen.com/2023/05/25/time-space-existence/>
3. Kevin Van Den Wymelenberg is announced as the next dean of the University of Nebraska-Lincoln's College of Architecture, Archinect, October 24, 2022: <https://archinect.com/news/article/150327892/kevin-van-den-wymelenberg-is-announced-as-the-next-dean-of-the-university-of-nebraska-lincoln-s-college-of-architecture>
4. Several IHBE blog posts and news events here: <https://buildhealth.uoregon.edu/news-2/> (2018-2022)
5. Several BioBE blog posts and news events here: <https://biobe.uoregon.edu/news/> (2015-2022)
6. Several ESBL blog posts and news events here: <https://esbl.uoregon.edu/blog/> (2015-2022)
7. *How to Judge COVID Risk and when to Wear a Mask* – Scientific American, April 19, 2022
8. *Social distancing helps, but there is more to the story* – NewsWire – April 1, 2022: <https://www.newswise.com/coronavirus/social-distancing-helps-but-there-is-more-to-the-story>
9. *How ventilation, filtration, and humidity may prevent coronavirus transmission* – Medical News Today - March 2, 2022: <https://www.medicalnewstoday.com/articles/how-ventilation-filtration-and-humidity-may-prevent-coronavirus-transmission>
10. *After 2 full years of coronavirus in Oregon, here are 5 ways to prepare for the future* – The Oregonian – February 26, 2022: <https://www.oregonlive.com/coronavirus/2022/02/after-2-full-years-of-coronavirus-in-oregon-here-are-5-ways-to-prepare-for-the-future.html>
11. *Who Knew? UO study finds mid-range humidity removes viral particles indoors* – February 18, 2022: <https://www.klcc.org/science-technology/2022-02-18/uo-study-finds-the-right-humidity-removes-viral-particles-indoors>
12. *Ventilation, humidity are key to limiting virus spread, study says* – Around The O – February 16, 2022: <https://around.uoregon.edu/content/ventilation-humidity-are-key-limiting-virus-spread-study-says>
13. *Retrofitting schools with LLC achieves significant savings* – LEDs Magazine – January 28, 2022: <https://www.ledsmagazine.com/smart-lighting-iot/article/14215172/retrofitting-schools-with-lllc-achieves-significant-savings-magazine>

14. Amid COVID-19, NYCOSH release workplace ventilation, filtration recommendations – Safety+Health Magazine – January 26, 2022: <https://www.safetyandhealthmagazine.com/articles/22209-amid-covid-19-nycosh-releases-workplace-ventilation-filtration-recommendations>
15. Commentary: *Essential workers must have cleaner, safer workplace air* - Times Union – January 11, 2022: <https://www.timesunion.com/opinion/article/Commentary-Essential-workers-must-have-cleaner-16765412.php>
16. *University of California Refuses to Release 'Preliminary and Conceptual' Dormzilla Agreement* – VICE – December 7, 2021: <https://www.vice.com/en/article/v7dvea/university-of-california-refuses-to-release-preliminary-and-conceptual-dormzilla-agreement>
17. *A University Has a Legally-Binding Plan to Solve Its Housing Crises. Then a Billionaire Stepped In* – VICE – December 2, 2021: <https://www.vice.com/en/article/y3vve7/a-university-had-a-legally-binding-plan-to-solve-its-housing-crisis-then-a-billionaire-stepped-in>
18. *Gifts to Venture Development Fund could mean state tax credit* – Around The O – November 22, 2021 - <https://around.uoregon.edu/content/gifts-venture-development-fund-could-mean-state-tax-credit>
19. *de zeen to live-stream daily talks during Velux Build for Life Conference* – de zeen – November 11, 2021: <https://www.dezeen.com/2021/11/11/velux-build-for-life-conference-daily-talks-live-stream/>
20. *Even in a flat economy, the UO continues to spin off innovation* – Around the O - November 10, 2021 - <https://around.uoregon.edu/content/even-flat-economy-uo-continues-spin-innovation>
21. *What We Know about COVID, the FLU, and the Air We Breathe* – DNYUZ – October 19, 2021: <https://dnyuz.com/2021/10/19/what-we-know-about-covid-the-flu-and-the-air-we-breathe/>
22. *We have a once-in-a-generation opportunity to fix our crumbling schools* – MSN – October 18, 2021: <https://www.msn.com/en-us/news/us/we-have-a-once-in-a-generation-opportunity-to-fix-our-crumbling-schools/ar-AAPFtcW>
23. *Why a top notch air exchanger is way more effective than Plexiglas when it comes to good ventilation* – Toronto Star – October 11, 2021: https://www.thestar.com/life/health_wellness/advice/2021/10/11/why-a-top-notch-air-exchanger-is-way-more-effective-than-plexiglas-when-it-comes-to-good-ventilation.html
24. *BioBE Preprint: Controlled Chamber COVID Study* – NewsBreak / Mrobo.net – October 5, 2021: <https://www.newsbreak.com/news/2393181318699/biobe-preprint-controlled-chamber-covid-study>
25. *6 Questions to Ask About COVID and Air Quality at Work* – New York Times – September 17, 2021: <https://www.nytimes.com/2021/09/13/well/covid-indoor-air-quality.html?referringSource=articleShare>
26. *Oregon dorm study: Open windows curb COVID spread* – KOIN CBS 6 Portland – September 8, 2021: <https://www.koin.com/news/health/coronavirus/oregon-dorm-study-open-windows-curb-covid-spread/>
27. *A new study of dorm rooms shows how ventilation curbs virus levels* – New York Times – September 5, 2021: <https://www.nytimes.com/2021/09/05/health/covid-ventilation-college-dorm.html>
28. *Which Michigan School COVID Measures Work? Ask Scientists* – August 30, 2021: <https://www.bridgemi.com/michigan-health-watch/which-michigan-school-covid-measures-work-we-asked-scientists>
29. *Smart Lighting Offers Facilities a Data Network to Support Health, Energy Savings* – Facility Executive - September 21, 2021: <https://facilityexecutive.com/2021/09/smart-lighting-offers-facilities-a-data-network-to-support-health-energy-savings/>

30. *Asset Tracking, Ventilation, Energy Savings Makes LLC a Strong Solution for Healthcare Facilities* – August 2021: <https://analytics.healthcaretechoutlook.com/cxinsights/asset-tracking-ventilation-energy-savings-makes-llc-a-strong-solution-for-healthcare-facilities--nid-2574.html>
31. *Lighting That Aims to Improve Human Health* – Healthcare Facilities Today - July 13, 2021: <https://www.healthcarefaciliestoday.com/posts/Lighting-That-Aims-To-Improve-Human-Health--26451>
32. *Luminaire Level Lighting Controls and The Future of Healthy Buildings* – June 30, 2021: <https://digitalelectricalline.advanced-pub.com/Stylus/viewer.aspx?id=45&pagelid=33>
33. *How Buildings Shape Human Health* – June 23, 2021: <https://www.ecmweb.com/lighting-control/article/21167632/how-buildings-shape-human-health>
 - a. Republished: <https://betterbricks.com/resources/how-buildings-shape-human-health>
34. *COVID Monitoring and Indoor Environments EnviralTech Interview* – 20210624: https://www.facebook.com/events/276517110931347?context=%7B%22event_action_history%22%3A%7B%22surface%22%3A%22page%22%7D%7D
35. *UO Study Examines Health Implications in Office Spaces* – June 17, 2021: <https://cascadebusnews.com/uo-study-examines-health-implications-in-office-spaces/#prettyPhoto>
36. *Luminaire Level Lighting Controls and the Future of Healthy Buildings* – May 2021: <https://betterbricks.com/resources/llc-future-healthy-buildings>
37. *Week in Tech – Taskshade; Architect Magazine* – August 6, 2021: https://www.architectmagazine.com/technology/week-in-tech-volkan-alkanoglu-installs-a-curving-pedestrian-bridge-in-texas_o
38. *Provost announces 20 receipts of Faculty Excellence Awards* – September 9, 2021: <https://around.uoregon.edu/content/uo-experts-weigh-shape-post-pandemic-world>
39. *UO Experts Weigh in on Post-pandemic World* – June 16, 2021: <https://around.uoregon.edu/content/uo-experts-weigh-shape-post-pandemic-world>
40. *UO and BetterBricks champion luminaire-level SSL controls for commercial applications* – June 14, 2021: <https://www.ledsmagazine.com/smart-lighting-iot/article/14205137/uo-and-betterbricks-champion-luminairelevel-ssl-controls-for-commercial-applications>
41. *2021 UO Outstanding Research Award* – June 6, 2021: <https://research.uoregon.edu/priorities-and-impact/research-excellence/2021-oustanding-research-awards#Institute%20for%20Health%20in%20the%20Built%20Environment>
 - a. https://around.uoregon.edu/content/outstanding-research-awards-go-five-scholars-two-teams?utm_source=ato06-15-21&utm_campaign=workplace
42. *Smith Detection's BioFlash Detect Airborne COVID-19 in University of Oregon Test* – April 17, 2021: <https://www.hstoday.us/industry/smiths-detections-bioflash-detects-airborne-covid-19-in-university-of-oregon-test/>
43. *New device can detect airborne virus particles that cause COVID-19, says maker* – April 23, 2021: <https://physicsworld.com/a/new-device-can-detect-airborne-virus-particles-that-cause-covid-19-says-maker/>
44. *Interview with American Society of Microbiology mSystems editor Jack Gilbert* – March 29, 2021: <https://asm.org/Podcasts/Editors-in-Conversation/Episodes/Pandemic-Built-Environment-EIC-024>

45. *Thermo Fisher pivots COVID-19 approach with air detection, school testing* – March 25, 2021:
<https://www.medtechdive.com/news/thermo-fisher-pivots-covid-19-approach-with-air-detection-school-testing/597318/>
46. *The Next Trick: Pulling Coronavirus Out of Thin Air*; New York Times – March 25, 2021:
<https://www.nytimes.com/2021/03/24/health/coronavirus-testing-airborne-aerosol-indoor.html>
47. *Putting students behind plexiglass isn't making them any safer*, March 19, 2021:
<https://nymag.com/intelligencer/2021/03/putting-students-behind-plexiglass-isnt-making-them-safer.html>
48. *When the virus is inside the building*; Covid Montana Free Press, March 3, 2021;
<https://montanafreepress.org/2021/03/03/when-the-virus-is-inside-the-building/>
49. *COVID-19 Research Innovation Awards*, University of Oregon, December 20, 2020;
<https://provost.uoregon.edu/covid-19-research-innovation-awards>
50. *The principles behind healthier bedrooms*; Velux Home Improved Podcast, December 10, 2020;
<https://open.spotify.com/episode/5agJyr7YdkZhHRkmJW8dx7?si=LBZrkNmsTiKg4xPWluoLxQ>
51. *To Make A Building Healthier, Stop Sanitizing Everything*; Bloomberg Business, December 16, 2020;
<https://www.bloomberg.com/news/features/2020-12-16/covid-pandemic-microbiomes-could-be-key-to-stopping-spread-of-future-viruses>
52. *Should you buy an air purifier for COVID-19?*; Elemental, December 2, 2020;
<https://elemental.medium.com/should-you-buy-an-air-purifier-for-covid-19-11d7f6fb92c4>
53. *What Can Universities Do With Their Fancy New Event Centers?*; Bloomberg CityLab – November 20, 2020:
<https://www.bloomberg.com/news/articles/2020-11-20/universities-try-to-adapt-their-showiest-buildings>
54. *Testing Buildings for COVID*; Daily Emerald, November 12, 2020;
https://www.dailymerald.com/news/uo-architecture-professor-wants-to-test-for-covid-19-in-air-vents/article_5c1fa19e-23e8-11eb-9348-c7a81d275581.html
55. *Study aims to increase mass timber use in healthcare construction*; Capital Press; November 9, 2020;
https://www.capitalpress.com/ag_sectors/timber/study-aims-to-increase-mass-timber-use-in-health-care-construction/article_4be2089a-2081-11eb-96ec-7fe4cc28f6fc.html
 - a. Reprinted in PaintSquare; November 19, 2020;
https://www.paintsquare.com/news/?fuseaction=view&id=23134&nl_versionid=6638
56. *The Nation's Aging Schools must Improve Air Quality*; The47Million; November 4, 2020;
<https://www.the74million.org/article/the-nations-aging-schools-must-improve-air-quality-to-prevent-covid-transmission-experts-say-but-the-price-tag-is-daunting-145-billion/>
57. *Viral Buildings? Sample Testing For COVID-19 Could Prevent Outbreaks*; National Public Radio, KLCC Radio;
<https://www.klcc.org/post/sample-testing-buildings-covid-19-could-prevent-outbreaks-occupants-think-schools>
58. *The Cold, Hard Truth Is You Shouldn't Be Socializing Indoors*; Elemental Medium; September 30, 2020;
<https://elemental.medium.com/the-cold-hard-truth-is-you-shouldnt-be-socializing-indoors-eed17ca423b4>
59. *Be Air Aware*, [KCBS Radio](#) Interview, September 28, 2020,

60. *Redesigning the Office for the Next 100-Year Flu (Yes, It's Coming)*; NPR.org; September 14, 2020; <https://www.npr.org/sections/health-shots/2020/09/14/909805060/redesigning-the-office-to-maximize-health>
61. *Air Quality is Safety Focus for New York's Schools*, The Wall Street Journal; August 26, 2020; <https://www.wsj.com/articles/air-quality-is-safety-focus-for-new-yorks-schools-11598396348>
62. *Ventilation News at Six*; BBC World News, August 25, 2020; <https://vimeo.com/451627165>
63. *The Science of Setting Up a Healthier Home*; Elemental Medium; August 17, 2020; <https://elemental.medium.com/the-science-of-setting-up-a-healthier-home-325f10c46c1d>
64. *Can Air Conditioners Spread COVID-19?*; NPR.Org; August 15th, 2020; <https://www.npr.org/sections/goatsandsoda/2020/08/15/897147164/can-air-conditioners-spread-covid-19>
65. *Making buildings safe again by testing exhaust air: UO has a plan*; Portland Architecture Blog; August 13, 2020; <https://chatterbox.typepad.com/portlandarchitecture/2020/08/making-buildings-safe-again-by-testing-exhaust-air-uos-kevin-van-den-wymelenberg-has-a-plan.html>
66. *How do you combat COVID-19 spreading through air?*; Bloomberg News, ScienceNow; August 10, 2020; <https://twitter.com/i/status/1292914426954358785>
67. *How Safe is Flying?*; NOS Dutch Television; August 3, 2020; <https://nos.nl/nieuwsuur/artikel/2342742-de-uitzending-van-3-augustus-hoe-veilig-is-vliegen-pitstop-voor-reizigers-stijging-coronabesmettingen-belgie-hoe-pakken-leiders-corona-aan.html>
68. *Can COVID Spread with Air Conditioning? HVAC Makers Plan Upgrades*; Bloomberg News The Quint; July 27, 2020; <https://www.bloomberquint.com/coronavirus-outbreak/infection-risk-from-air-we-breathe-raises-the-stakes-for-hvac>
69. *Testing buildings may become added weapon in coronavirus reopenings*; Good Morning America; ABC News; July 24, 2020; <https://www.goodmorningamerica.com/news/story/testing-buildings-added-weapon-coronavirus-reopenings-71956136>
 - a. On Apple News - https://apple.news/Amdoc_3MpS0CCII4AaZA1g
 - b. On Yahoo News - https://www.yahoo.com/gma/testing-buildings-may-become-added-weapon-coronavirus-reopenings-121000739--abc-news-topstories.html?ncid=twitter_yahoonewst_sjwumo1bpf4
70. *Researchers Closer to Understanding the Role of Buildings in the Pandemic*; BisNow National News; July 19, 2020; <https://www.bisnow.com/national/news/property-management/how-testing-buildings-can-fight-the-pandemic-105264>
71. *Properly maintained HVAC systems can help limit spread of coronavirus, experts say*; Fox News 51 Orlando; July 17, 2020; <https://www.wogx.com/news/properly-maintained-hvac-systems-can-help-limit-spread-of-coronavirus-experts-say>
72. *UC DAVIS LIVE COVID-19*; UC Davis; July 16, 2020; <https://youtu.be/4IOTnUN7pwc>
73. *Five UO Experts on COVID-19*; Around the O; July 15, 2020; <https://around.uoregon.edu/content/five-uo-experts-covid-19>
74. *Buildings are getting tested for coronavirus*; AXIOS; July 14, 2020; <https://www.axios.com/ventilation-buildings-coronavirus-testing-d1e074f8-5e5e-4167-b812-6c8c4949311c.html>
 - a. AXIOS Podcast: <https://megaphone.link/AXIOS7941710791>

75. *Could air conditioning units help spread COVID-19?*; ABC New 10, San Diego; <https://www.10news.com/news/coronavirus/could-air-conditioning-units-help-spread-covid-19>
76. *Air Conditioning May Be Spreading COVID*; WebMD; July 8; 2020; https://www.webmd.com/lung/news/20200708/air-conditioning-may-be-spreading-covid?ecd=wnl_spr_070820
77. *Amazon introduces new social-distancing tech*; Good Morning America; ABC News; June 16, 2020; <https://abcnews.go.com/GMA/Living/video/amazon-introduces-social-distancing-tech-71272870>
 - a. *Distance Assistant: Amazon's new technology to help people social distance*; Good Morning America – June 16, 2020: <https://www.goodmorningamerica.com/living/story/distance-assistant-amazons-technology-people-social-distance-71268679>
78. *Will the office air conditioner spread Corona?*; Dutch News; June 2020; <https://fd.nl/futures/1345241/gaat-de-kantoorairco-corona-verspreiden>
79. *3 Ways Scientists Think We Could De-Germ a COVID-19 World*; WIRED; May 27, 2020; <https://www.wired.com/story/3-ways-scientists-think-we-could-de-germ-a-covid-19-world/>
80. *Coronavirus: Can we stay safe as lockdown eases?*; BBC World News; May 26, 2020; <https://www.bbc.com/news/science-environment-52804795>
81. *COVID-19 Retail Reopening*; BBC World News; May 25, 2020; <https://www.youtube.com/watch?v=yqWegUlrZ1w>
 - a. Rebroadcast - <https://vimeo.com/422948641> (BBC on Vimeo)
82. *UO launches 'Voices of Innovation and Impact' speaker series*; Around the O – May 22, 2020: <https://around.uoregon.edu/content/uo-launches-voices-innovation-and-impact-speaker-series>
83. *UO OHSU to study new coronavirus in hospital setting*; Around the O; May 20, 2020; https://around.uoregon.edu/content/uo-ohsu-study-new-coronavirus-hospital-setting?utm_source=ato05-20-20
84. *Is it safe to eat at restaurants yet?*; EATER; May 2020; Updated July 13, 2020; <https://www.eater.com/21262619/is-it-safe-to-eat-out-coronavirus-restaurant-safety-risks-covid-19>
85. *We've known how to make healthier buildings for decades*; The VERGE; May 7, 2020; <https://www.theverge.com/2020/5/7/21249496/building-ventilation-design-health-humidity-cost>
86. *As some restaurants reopen, model shows how coronavirus can spread farther than 6 feet*; CBS This Morning; May 12, 2020; <https://www.cbsnews.com/news/coronavirus-study-six-feet-spread-restaurants-reopen/>
 - a. https://www.youtube.com/watch?v=oDau_Hk7dLw
 - b. <https://www.youtube.com/watch?v=Slfr2F5QKo8>
87. *Research shows airflow needed to prevent spread of COVID-19 in businesses and restaurants*; Boston 25 News; May 12, 2020; <https://www.boston25news.com/news/health/research-shows-airflow-needed-prevent-spread-covid-19-businesses-restaurants/UNIY4Z6ERFCDBO3NVSVLATXCDU/>
88. *To study coronavirus in the air, all eyes on a Chinese restaurant*; ABC News; May 6, 2020; <https://abcnews.go.com/Health/study-coronavirus-air-eyes-chinese-restaurant/story?id=70443864>
89. *Does warmer weather slow coronavirus?*; ABC News; May 11, 2020; <https://abc7news.com/does-warmer-weather-slow-coronavirus/6171721/>

90. *Reducing COVID-19 Transmission in the Built Environment*; Architect Magazine; May 4, 2020; https://www.architectmagazine.com/technology/reducing-covid-19-transmission-in-the-built-environment_o
91. *UO's indoor research center takes aim at COVID-19 risks* – Around the O – March 24, 2020: <https://around.uoregon.edu/content/uos-indoor-research-center-takes-aim-covid-19-risks>
92. *Here's how to keep your home as coronavirus-free as possible*; The Huffington Post; March 20, 2020; https://www.huffpost.com/entry/home-clean-disinfect-surfaces-coronavirus_5e739dc7c5b6eab77943eea4
93. *Pandemics spread in hospitals. Changes in design and protocols can save lives*; The Washington Post; March 17, 2020; <https://www.washingtonpost.com/outlook/2020/03/17/hospital-design-coronavirus/>
94. *Health and Wellbeing Concerns Bring Us Back to Daylight*, Lightshow West, May 21, 2019 Available at: <https://www.lightshowwest.com/health-and-wellbeing-concerns-bring-us-back-to-daylighting>
95. *Three Unique Research and Commercialization Projects Move Forward with New Oregon Inc Funding*, by Nathan Buehler, April 20, 2018, Available at: <http://www.oregon4biz.com/News-&-Media/index.php?a=199>
96. *COVID-19 and the built environment* – ScienceDaily – April 10, 2020: <https://www.sciencedaily.com/releases/2020/04/200410162450.htm>
97. *The Right Environment: Kevin Van Den Wymelenberg on Increasing Demands for Lighting Controls in 2019 and Beyond*, Metropolis, February 25, 2019, Available at: <https://www.metropolismag.com/design/lighting/the-right-environment-kevin-van-den-wymelenberg-on-increasing-demands-for-lighting-controls-in-2019-and-beyond/>
98. *New Institute for Health in the Built Environment Formed at the University of Oregon*, Planetizen, by James Brasuell, March 31, 2018, Available at: <https://www.planetizen.com/news/2018/03/97997-new-institute-health-built-environment-formed-university-oregon>
99. *Automating Light*, Architectural Lighting, February 13, 2018, Available at: https://www.archlighting.com/technology/new-technologies-in-architectural-lighting-for-designers_s
100. *The Next Big Thing in Healthy Building is Microscopic*, Metal Architecture, by Alan Scott, July 5, 2017, Available at: <http://www.metalarchitecture.com/articles/columns/the-next-big-thing-in-healthy-building-is-microscopic.aspx>
101. *Will cities of the future embrace bacteria?*, Mother Nature Network; Starre Vartan, February 14, 2017, Available at: <https://www.mnn.com/health/healthy-spaces/blogs/will-cities-future-embrace-bacteria>
102. *What is the Right Way to Wash Your Hands?* The Atlantic, Sarah Zhang, January 23, 2017, Available at: <https://www.theatlantic.com/health/archive/2017/01/clean-hand-hygiene/513536/>
103. *The City of Tomorrow Is A Petri Dish—By Design*, FastCoDesign; by Mark Wilson, November 3, 2016, Available at: <https://www.fastcodesign.com/3065152/the-city-of-tomorrow-is-a-petri-dish-by-design>
104. *Annual Daylighting Performance Metrics, Explained*; Architectural Lighting; Kevin Van Den Wymelenberg, Alen Mahić; April 12, 2016, Available at: http://www.archlighting.com/technology/annual-daylighting-performance-metrics-explained_o
105. *New building technology being put to the test*, Daily Journal of Commerce Oregon; by Beverly Corbell, March 25, 2016, Available at: <http://dcoregon.com/news/2016/03/25/new-technology-for-the-building-industry-being-put-to-the-test/>

Tenured 12/15/2015; University of Oregon

106. *Twitter Interview (Twitterview)*; by Susan S. Szenasy, Publisher and Editor in Chief of Metropolis Magazine, 60-minutes with three other panelists, April 1, 2015.
107. *Workers In Windowless Offices Lose 46 Minutes Of Sleep A Night*, FastCoDesign; by Eric Jaffe, August 5, 2014, Available at: <https://www.fastcodesign.com/3033998/workers-in-windowless-offices-lose-46-minutes-of-sleep-a-night>
108. *Energy Retrofits catch on in the Treasure Valley*, Idaho Statesman Business Insider, January 15, 2014.
109. *Designing for Efficiency – Idaho’s Integrated Design Lab is Building the Future*, Northwest Power and Conservation Council, Blog, November, 2013, Available at: <http://www.nwcouncil.org/news/blog/idaho-lighting-design-lab>

Tenured 7/1/2013; University of Idaho

110. *New Pilot Unlocks Deep Energy Efficiency in Buildings*, Electric Energy Online, by Alicia Healey, June 13, 2013, Available at: <https://nwenergy.org/news/new-pilot-unlocks-deep-energy-efficiency-in-buildings/>.
111. *Lighting Design + Application*, Book Review: *Daylighting Design in the Pacific Northwest*, March, 2013, by Fred Oberkircher in *Lighting Design + Application*; <http://www.idlboise.com/news/ida-reviews-daylighting-design-pacific-northwest>
112. *Boise competition has buildings vying for energy efficiency supremacy*, March 2013, <http://idahobusinessreview.com/wp-content/plugins/tdc-sociable-toolbar/wp-print.php?p=82972>
113. *Online Pattern Guide Models Daylighting Strategies* December 2011, Lighting.com; Available at: <http://lighting.com/daylighting-pattern-guide/>
114. *INL Participates in Canadian National Research Council office environment study*, December 2011, Available at: https://inlportal.inl.gov/portal/server.pt?open=514&objID=1269&mode=2&featurestory=DA_566089
115. *The University of Idaho’s Integrated Design Lab: An important partner in Idaho Power’s energy-saving efforts*, October, 2011, Available at: <http://www.idahopower.com/pdfs/EnergyEfficiency/BusinessSuccessStories/IdahoDesignLabEnergyEfficiencySuccess%20Story.pdf>
116. *Energy Gets a Boost: Exploring the means for productive power*, pp. 16-22, July 2011, Boise Valley Spotlight – Boise Metro Chamber of Commerce, Available at: http://www.boisechamber.org/cwt/external/wcpages/boise%20profile%20flashbook%202011/boise_fbook.html
117. *Idaho Business Review announces Accomplished Under 40*, Idaho Business Review, May 5, 2011; <http://idahobusinessreview.com/2011/05/05/idaho-business-review-announces-accomplished-under-40/>
118. *Energy Efficiency: It’s an Economic Imperative*. Innovation – America’s Journal of Technology Commercialization, v.9, n.3, June-July 2011; <http://www.innovation-america.org/archive/june-july-2011>
119. *U of I Students on Cutting Edge of Green Building Design*, Fox 12 News, April 14, 2011, <http://www.12ktrv.com/story/14451287/u-of-i-students-on-cutting-edge-of-green-building-design>
120. *It’s Your Business – University of Idaho Integrated Design Lab*, KTVB, April 13, 2011.
121. *INL participates in Canadian National Research Council office environment study*, December 2010, https://inlportal.inl.gov/portal/server.pt?open=514&objID=1269&mode=2&featurestory=DA_566089.
122. *Idaho’s energy projects point to future*, Idaho Business Review; September 3, 2010.
123. *New energy efficiency research center moves ahead*, Idaho Business Review; October 4, 2010.
124. *Idaho Public Utilities Commission approves Idaho Power participation in NEEA*, Idaho Business Review; May 19, 2010.

125. *2009 Grow Smart awards honor vibrant communities*, Idaho Business Review; November 2, 2009.
126. *Slow start for Idaho in race for low-carbon structures – Construction Review*, Idaho Business Review; August 17, 2009.
127. *University of Idaho Lab’s Work Aids Idaho Power’s Energy Efficiency Initiatives*, Idaho Business Review; April 20, 2009.
128. *Top Projects showcase construction industry talent – Construction Review*, Idaho Business Review; December 22, 2008.
129. *Green Scene - University of Idaho’s Integrated Design Lab*, Sources+Design Magazine; September 2008.
130. *Universities team up for green building course*, Idaho Business Review; October 31, 2008.
131. *Early Simulations Improve Building Performance*, Idaho Business Review; August 27, 2007.
132. *New Nampa School Set Up to Test Energy*, Idaho Statesman; April 22, 2007.
133. *Endeavor Elementary School Seeks to Save Energy*, Idaho Press Tribune; March 26, 2007.
134. *Idaho - On the Cutting Edge*, Idaho Business Review; January 15, 2007.
135. *Lab Uses Green Office as Guinea Pig*, Idaho Statesman; August 17, 2006.
136. *Going ‘Green’ Catches on in Idaho*, Idaho Business Review; January 16, 2006.
137. *School Districts Adopt ‘Daylighting’ In Building Design*, Idaho Business Review; October 24, 2005.
138. *Designers, engineers honored for Idaho ‘green’ building work*, Idaho Business Review; October 17, 2005.
139. *New Boise Lab Helps Designers Go Green*, Idaho Business Review; November 15, 2004.
140. *Green Designs Gain Momentum*, Idaho Business Review, Idaho Business Review; November 15, 2004.
141. *New Lab Will Shed Light on Saving Energy*, Idaho Statesman; October 5, 2004.
142. *New Integrated Design Lab opens in Boise*, Idaho Business Review; August 16, 2004.
143. *Boise Lab Focuses on Workplace Windows*, Idaho Statesman; May 23, 2004.
144. *The Greening of Idaho*, www.betterbricks.com; March 2004.
145. *New Integrated Design Lab Opens in Boise*, www.betterbricks.com; February 2004.
146. *Sky Lab*, Metropolis; May 2003.

Professional Meetings, Presentations, Meetings, and Workshops:

International

1. September 2025, [Daylight Symposium](#), 1-day workshop co-moderator with Juliëtte van Duijnhoven for Velux International, Copenhagen, Denmark.
2. June 2025, *Daylighting Updates from JWG12*, 60-minute presentation with Nancy Clanton to Plenary of Technical Committee 274, International Standards Organization (ISO), Montreal, Quebec, Canada.
3. June 2025, *Daylighting Updates from JWG12*, 30-minute presentation to Ad-Hoc Working Group 1, Technical Committee 274, International Standards Organization (ISO), Montreal, Quebec, Canada.
4. June 2025, *Building Environment Design, Daylighting Design Procedure for Indoor Visual Environment*, co-moderated 1-day workshop with Nancy Clanton, to Joint Working Group 12, Technical Committee 205 and Technical Committee 274, International Standards Organization (ISO), Montreal, Quebec, Canada.
5. September 2024, *Building Environment Design, Daylighting Design Procedure for Indoor Visual Environment*, co-moderated 2-day workshop with Nancy Clanton & Marc Boudier, to Joint Working Group 12, Technical Committee 205 and Technical Committee 274, International Standards Organization (ISO), Paris, France.

6. April 2024, *Daylight & Indoor Microbiomes*, 2-hour presentation, while co-moderating 1-day workshop with Nancy Clanton, to Working Group 7, Technical Committee 205, Building Environment Design, International Standards Organization (ISO), Boulder, CO, USA.
7. April 2024, *Building Environment Design, Daylighting Design Procedure for Indoor Visual Environment*, co-moderated 1-day workshop with Nancy Clanton, to Joint Working Group 12, Technical Committee 205 and Technical Committee 274, International Standards Organization (ISO), Boulder, CO, USA.
8. March 2025, *Wood Education Roundtable*, International Mass Timber Conference, ½ day workshop with Softwood Lumber Board, Portland, OR.
9. April 2022, *Mass Timber Acoustics*, International Mass Timber Conference, 3-hour demonstration with Gemma Fucigna and Andy Newbold, Corvallis, OR.
10. April 2022, *Healthy Buildings & Biophilia*, 2-hour lecture with Mark Fretz, La Universidad de las Americas (UDLA), invited and underwritten by ENNE Arquitectos and Axxis Medical Group, Quito, Ecuador, and online.
11. January 2022, *Evaluation of a Bioaerosol Sampler for Indoor Environmental Surveillance of Severe Acute Respiratory Syndrome Coronavirus 2*, 20-minute presentation, Healthy Buildings America Conference (2021-delayed), International Society of Indoor Air Quality and Climate, online.
12. January 2022, *Exploring Integrated Environmental Viral Surveillance of Indoor Environments: A comparison of surface and bioaerosol environmental sampling in hospital rooms with COVID-19 patients*, 20-minute presentation, Healthy Buildings America Conference (2021-delayed), International Society of Indoor Air Quality and Climate, online.
13. November 2021, [*Daylighting Symposium*](#), 3-day workshop facilitation with Martha Throne for Velux International, Copenhagen, Denmark.
14. November 2021, *Daylight Sunlight and Indoor Pathogens*, 30-minute presentation, Daylight Symposium, Velux International, Copenhagen, Denmark.
15. October 2021, *What 1 for 1 Replacement Means for Energy Savings & Light Quality*, 90-minute workshop with Zachary Suchara and Alen Mahic, LightFair International, New York, NY.
16. October 2021, *Looking at the big picture: the impact of infectious respiratory disease on the future of design*, 90-minute panel discussion with Vivian Loftness and Kate Davis, International Well Building Institute, online.
17. September 2021, *View Quality Metrics and Design Guidelines*, 2-hour workshop with Nancy Clanton to Working Group 7, Technical Committee 205, Building Environment Design, International Standards Organization (ISO).
18. June 2021, *Adapting Your Workplace for COVID-19*, 2-day workshop with Richard Corsi, Portland State University Executive Education, online.
19. June 2021, *Indoor Environmental Guidelines*, Nike Worldwide Workplace Design & Construction Summit, 60-minute webinar with Mark Fretz, online.
20. May 2021, *Designing Post-Pandemic Workplaces for Health & Performance*, International Mass Timber Conference, 60-minute panel with Graham Lowe, online.
21. January 2021, *Establishing outcome-based daylighting standards*, 2-hour presentation and workshop with Nancy Clanton to Working Group 7, Technical Committee 205, Building Environment Design, International Standards Organization (ISO).
22. December 2020, *Daylighting Talks*, Speaker and Moderator for 40-minute presentation and panel with

- Anne Lacaton and Jakob Strømman-Andersen, [World Architecture Festival](#), online.
23. December 2020, *SafeAirSpaces Aerosol Risk Estimation Platform*, 7-minute presentation organized with Co-Authors Rich Corsi and Hooman Parhizkar, Workshop on modelling infection risk from indoor aerosol exposure to SARS-CoV-2: A platform to summarize risk assessment tools, International Society of Indoor Air Quality and Climate (ISIAQ), online.
 24. November 2020, [The principles behind healthier bedrooms](#), 33 minute interview with Charlie Luxton, Velux Home Improved Podcast Series, online at Spotify.
 25. October 2020, *Health & Energy: Building Transformation Through and Beyond COVID-19*, 60-minute presentation and panel with Lucia Athens and Stefano Capolongo, Greenbuild Global Health & Wellness Summit, online.
 26. September 2020, Establishing outcome based daylighting standards, 2-hour presentation and workshop with Nancy Clanton to Technical Committee 205, Building Environment Design, International Standards Organization (ISO).
 27. September 2020, *Measuring COVID-19 Aerosol Distribution in Buildings, Clinicians for Design Panel*, 2-hour presentation and panel with Eve Edelstein, John Riordan, Ruth Fanning, Giorgio Costantino and George Tingwald, European Healthcare Design Conference, online.
 28. August 2020, *COVID-19 Indoor Air and Energy Efficiency*, 1-hour presentation and panel with Joseph Allen, Jelena Sreric, Jin Wen, and Zheng O'Neill, [CLEAN 2020 Summit](#): providing foundational science and innovation for clean spaces and healthy congregation, online.
 29. December 2019, *Daylight Design and Human Health*, 60-minute presentation, Aalborg University, Copenhagen Denmark.
 30. October 2019, IHBE + Siemens Research Collaboration Proposals, 8-hour research & development pitch day, Siemens World Headquarters, Zug, Switzerland.
 31. October 2019, [Daylight and the Indoor Microbiome](#), 15-minute presentation, Daylight Symposium hosted by Velux, Paris, France.
 32. October 2019, moderator of 1-day workshop, [Daylight Symposium](#), hosted by Velux, Paris, France.
 33. June 2019, *Lighting the UnSeen, 60-minute Keynote Presentation*, Commission Internationale de l'Eclairage (CIE), 29th Quadrennial Session of the CIE.
 34. March 2019, *Comprehensive Performance Monitoring of a Mass Timber Building*, 30-minute presentation with Jason Stenson, International Mass Timber Conference, Portland, OR.
 35. October 2018, *Why you should be interested in smart buildings*, in IECON 2018 the 44th Annual Conference of the IEEE Industrial Electronics Society, October 21-23, 2018, Washington DC; 2-hour panel discussion with moderator Gerhard Zucker (Austria), and panelists Alicja Kwasniewska (Intel, USA), John Petze (Haystack, USA), Sahil Diwan (Siemens, USA), Jacek Ruminski (Poland), Kevin Van Den Wymelenberg, University of Oregon.
Jacek Ruminski, Gdansk University of Technology. (Single-blinded peer-review)
 36. March 2018, Winclove webinar, *Designing Healthier Buildings and Spaces: Winclove Headquarters – Aspiring to be Home to the World's Healthiest Indoor Microbiome*, 45-minute presentation with Sue Ishaq, webinar to Winclove world headquarters, Amsterdam, Netherlands.
 37. March 2018, *Net-Zero Energy TallWood Design*, 20-minute presentation with Denise Blankenberger, International Mass Timber Conference, Portland, OR.

38. August 2017, 16th Annual International Radiance Workshop, *Welcome to the 2017 Annual Radiance Workshop*: (Organized and hosted the 3-day workshop), University of Oregon Energy Studies in Buildings Laboratory, 30-minute kick-off presentation to 3-day workshop, Portland, OR.
39. August 2017, International Building Performance Simulation Association Conference, *Next steps for Daylight Performance Metrics and Simulation*, moderated 60-minute panel discussion with Michael Donn, Lisa Hescong, Alstan Jakubiec, John Mardaljevic, Liam O'Brien, San Francisco, CA.
40. February 2017, Holzbau Pacific Northwest Conference, *Recent R&D on Indoor Thermal Performance & Post-Occupancy Analysis*, 30-minute presentation with Andrew Loia, Vancouver, British Columbia, Canada.

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41. November 2015, Greenbuild International Conference and Expo 2015, *How LEED v4 will Drastically Change Daylighting*, 60-minute presentation with Tom Hootman, Dan Glaser, Dane Sanders, Washington DC.
42. May 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute webinar lecture –Nova Scotia, Canada.
43. May 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Montreal, Quebec, Canada.
44. February 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture –Halifax, Nova Scotia, Canada.
45. February 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Moncton, New Brunswick, Canada.
46. February 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Fredericton, New Brunswick, Canada.
47. October 2013, Human Centric Lighting Committee, *Human Visual Preference & Luminance Metrics*, 60-minute international webinar.
48. August 2013, 12th International Radiance Workshop, *Glare Metrics*, 90-minute presentation with Jan Wienold - Golden, CO.
49. August 2013, 12th International Radiance Workshop, *A Contrast of Manual Blind Control Algorithms with Whole-Building Energy Implications*, 30-minute presentation - Golden, CO.
50. August 2013, 12th International Radiance Workshop, *Spatial Daylight Autonomy and Annual Sunlight Exposure – The LM-83 Radiance Script*, 30-minute presentation with Ery Djunaedy - Golden, CO.

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51. September 2012, IES Daylight Metrics Committee, *Luminance Preference Research*, 30-minute international webinar.
52. December 2011, New Buildings Institute Webinar, *The Daylight Pattern Guide: Developing a Visual Vocabulary for Daylighting Design Decision Making*, 60-minute international webinar (live + recorded) to 700+ participants with Christopher Meek – online [available - <https://www3.gotomeeting.com/register/933652782>].
53. June 2010, Tallinn University of Technology PhD Curriculum, *Passive Design Strategies + High Performance Envelopes*, 4-day (32-hours) Intensive Summer PhD Course with Rob Peña, Tallinn, Estonia.
54. October 2009, The 2009 International Radiance Workshop - *A Comparative Discussion; Using Radiance, DAYSIM and Physical Models in Architectural Practice*, 0.5-hour presentation – Harvard Graduate School of Design, Cambridge, MA.

55. June 2009, Passive and Low Energy Architecture 2009 Conference - *A Study of Luminance Distribution Patterns and Occupants' Preferences in Daylit Offices*, Passive and Low Energy Architecture, 0.5-hour presentation - Quebec City, Canada.

National

56. August 2022, Indoor Air Management of Airborne Pathogens: Lessons, Practices, Innovations; 4-hour virtual workshop; National Academy of Engineering, Environmental Health Matters Initiative, online.
57. June 2022, Healthy & Energy Efficient Buildings, US DOE LED Roadmap Roundtable, 3-hour workshop, online.
58. May 2022, *Evolving the Value Proposition of Indoor Daylighting*, 2-hour workshop with Siobhan Rockcastle, Pacific Energy Center, online.
59. November 2021, *Human Health & the Built Environment in the Endemic Era*, 2-hour workshop, Pacific Gas & Electric, Pacific Energy Center, online.
60. October 2021, Design and Operation of Healthy Buildings, 1-hour webinar to American Physical Plant Administrators (APPA), Midwest and Pacific Coast Regions Conference, online.
61. October 2021, *Environmental Mitigation Strategies for Airborne Disease*, with Hooman Parhizkar, Build Health Research Consortium, 1-hour webinar, online.
62. April 2021, *SafeAirSpaces Airborne Disease Transmission Risk Estimation Platform*, ASHRAE Environmental Health Expert Panel, online.
63. March 2021, *AerosolSense COVID-19 Aerosol Surveillance*, Build Health Research Consortium, 1-hour webinar, online.
64. March 2021, *Energy Roundtable* – 2-hour workshop for Power Ledger, online.
65. March 2021, *Editors in Conversation - Pandemic Built Environment*, 35-minute interview by Jack Gilbert at mSystems and the American Society for Microbiology, with Patrick Horve and Leslie Dietz, <https://asm.org/Podcasts/Editors-in-Conversation/Episodes/Pandemic-Built-Environment-EIC-024>, online.
66. February 2021, *Environmental Viral Surveillance*, 90-minute presentation with Heather Bischel, University of California at Davis, Evolution and Ecology Program, School of Medical Microbiology and Immunology, Genome Center, COVID19 Town Hall, online.
67. January 2021, *A delicate balance: energy efficiency and indoor air quality in the COVID-19 era*, 75-minute presentation, International Building Performance Simulation Association (IBPSA), USA Chapter, online.
68. December 2020, *How Air Ventilation is Critical for Making Workplaces Safe from COVID-19*, 2.5-hour presentation with Paula Olsiewski, Lupita Montoya, Ananya Iyengar, Maritza Silva-Farrell, Izzi Greenberg, Clara Wheatley-Schaller, Lijia Gong, Guy Vardi, Delphine Farmer, Jarred Hampton-Maxwell, COVIDStraightTalk Town Hall, NY, online.
69. November 2020, *Building Health & Energy in the COVID-19 Era: The Role of Building Automation and Building Performance Simulation*, 30-minute [Keynote Address](#), California Building Energy Modeling (CALBEM) Annual Meeting, online.
70. November 2020, *Environmental Viral Surveillance*, 90-minute presentation with Heather Bischel, University of California at Davis, Evolution and Ecology Program, School of Medical Microbiology and Immunology, Genome Center, COVID19 Town Hall, online.
71. November 2020, *Microbiome of the Built Environment*, 60-minute presentation with Patrick Horve, Yale School of Occupational and Environmental Medicine Guest Lecture Series, online.

72. November 2020, *Microbiome of the Built Environment*, 2-hour presentation with Patrick Horve, Yale School of Public Health Guest Lecture Series, online.
73. October 2020, *Factors in Daylight Analysis*, 2.5-hour workshop with Siobhan Rockcastle, Pacific Gas & Electric, Pacific Energy Center, online.
74. September 2020, COVID-19 Environmental Surveillance in Buildings, 60-minute presentation, Savannah Georgia Rotary Club, online.
75. August 2020, Reclaiming Building Health via Environmental Surface Testing, 60-minute presentation with Rob Gallant and Rajiv Sahay, Association of Physical Plant Administrators Conference, online.
76. August 2020, [COVID & Carbon Laws](#), 90-minute presentation and panel with Shrikant Sharma and Gregg Fischer, DISTECH Controls Panel Series, online.
77. August 2020, Re-Occupy Building More Safely Using Environmental Viral Sampling, 60-minute presentation, Nike Facility Managers, online.
78. August 2020, Re-Occupy Building More Safely Using Environmental Viral Sampling, 60-minute presentation, Salesforce Facility Managers, online.
79. July 2020, *COVID-19 & Indoor Air Transmission Risk Mitigation Strategies*, 2-hour presentation and workshop, Federal Green Building Roundtable: Safety First Pilot Credits, online.
80. July 2020, *Pandemics & the Built Environment: How COVID-19 is Transforming Buildings*, 75 minute [Keynote Address](#), Building Commissioning Association Annual Conference, online.
81. July 2020, *COVID-19 & Indoor Air*, 1-hour presentation, ASHRAE Epidemic Task Force, online.
82. June 2020, *Safe Buildings - A Discussion on Air & Water Quality and Design Strategies*, 90-minute presentation with Molly Scanlon and Susan McClymonds, AIA New York State, online.
83. May 2020, *AIA Design Response Collaborative: COVID-19 Building Re-occupancy*, 4-hour workshop, AIA National, online.
84. November 2019, *Re-Imagining Daylight: How Daylight Improves Health, Well-being, Productivity, and Energy-Efficiency*, 90-minutes lecture with Siobhan Rockcastle, Pacific Energy Center, San Francisco, CA.
85. November 2019, *Putting the DESIGN back into Daylighting Design Analysis*, 3-hour workshop with Siobhan Rockcastle, Pacific Energy Center, San Francisco, CA.
86. November 2019, *Microbiology of the Built Environment, Making Design Decisions Right Now*, 30-minute discussion, Banbury Center Cold Spring Harbor Laboratory workshop on Microbiology of the Built Environment, Long Island, NY.
87. June 2019, [Efficiency and Resiliency in Federal Building Design & Construction](#), 2-hour testimony with Kevin Kampschroer, Elizabeth Beardsley, and Mark Russell, U.S. House of Representatives, Committee on Transportation and Infrastructure, Subcommittee on Economic Development, Public Buildings, and Emergency Management.
88. May 2019, *In the Beginning There was Daylight*, 60-minute presentation with Brent Protzman and Michelle McGuire, LightFair International, Philadelphia, PA.
89. May 2019, *Image-based Human-centric Daylight Assessment*, 90-minute presentation with Richard Mistrick and Siobhan Rockcastle, LightFair International, Philadelphia, PA.
90. May 2019, *Visualizing Innovations in Daylight Modelling*, 60-minute presentation with Daniel Glaser and Matthew Tanteri, LightFair International, Philadelphia, PA.
91. April 2019, *Daylighting the UnSeen*, 60-minute Keynote, Daylighting Symposium, California Energy Commission, Sacramento, CA.

92. April 2019, *How Healthcare Engineers Are Also Healthcare Professionals*, ASHRAE Technical Conference, ASHRAE Idaho Chapter, 60-minute presentation, Boise, ID.
93. April 2019, *Healthcare Design and Operations*, 60-minute panel discussion with Jesse Barnum and Kishor Khankari, ASHRAE Technical Conference, ASHRAE Idaho Chapter, Boise, ID.
94. February 2019, *Manual Blind Use Behavior Computational Algorithm Proposal*, Daylight Metrics Committee, 90-minute webinar.
95. October 2018, *HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*, 8-hour workshop with Alen Mahić, Pacific Energy Center, San Francisco, CA.
96. October 2018, *HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*, 8-hour workshop with Alen Mahić, Pacific Energy Center, San Francisco, CA.
97. August-September 2018, Biology and the Built Environment Center – The Indoor Microbiome, Rhode Island School of Design Nature Lab’s 80th anniversary celebrations at the Woods-Gerry Gallery, Providence, Rhode Island.
98. August 2018, *Manual Blind Studies in Commercial Buildings Update*, 60-minute presentation, Attachments Energy Rating Council – Attachments Operation Schedule Committee, online webinar.
99. July 2018, *Institute for Health in the Built Environment*, 60-minute presentation with Siobhan Rockcastle, hosting Siemens Corporation in Eugene, OR.
100. July 2018, *Annual Daylight Metrics and Human Behavior*, 90-minute presentation, online webinar to IES Daylight Metrics Committee, New York City, NY.
101. May 2018, [*Designing for Microbiology and Energy in the Built Environment*](#), 25-minute presentation, Harvard Healthcare Symposium, Harvard University, Cambridge, MA.
102. April 2018, *Institute for Health in the Built Environment*, 60-minute presentation with Mark Fretz, online webinar to Fujitsu, New York City, NY.
103. April 2018, *Net-zero Energy TallWood Mass Timber Design*, 60-minute presentation with Denise Blankenberger, Iain MacDonald, and Juliana Ruble, online webinar to Hickok Cole Architects, Washington, DC.
104. March 2018, *Manual Blind Studies in Commercial Buildings Update*, 60-minute presentation with Amir Nezamdoost, Attachments Energy Rating Council – Attachments Operation Schedule Committee, online webinar.
105. December 2017, *Manual Blind Studies in Commercial Buildings Update*, 60-minute presentation with Amir Nezamdoost, Attachments Energy Rating Council – Attachments Operation Schedule Committee, online webinar.
106. November 2017, *Architecture 2030: Inside the Challenge*, 45-minute presentation, AIA Oregon Awards, Portland, OR.
107. November 2017, *DOE SSL LEDs and Daylighting Panel: Designing Buildings for Humans*, 2-hour Panel with Jim Broderick and Andrea Wilkerson (DOE/PNN), Craig Casey (Lutron), Jennifer Scheib (UC Boulder/Rocky Mountain Lighting Academy), Galen Burrell (UC Boulder/ARUP), DOE SSL Annual Meeting, Portland, OR.
108. November 2017, *HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*, 8-hour workshop with Alen Mahić, Pacific Energy Center, San Francisco, CA.
109. September 2017, General Services Administration Buildings and Health Convening, 2-day workshop invited participant, Washington DC.

110. August 2017, *Improving Lifeguard Visibility in Aquatics Facilities by Minimizing Glare*, 3-hour poster session, Illuminating Engineering Society Annual Conference, Portland, OR.
111. August 2017, *A Comparative Study on Toplighting Strategies in an Academic Building*, 3-hour poster session, Illuminating Engineering Society Annual Conference, Portland, OR.
112. August 2017, *TaskShade™ Prototype Development & Field Tests on University of Oregon Campus*, 3-hour poster session with Serena Lim, Illuminating Engineering Society Annual Conference, Portland, OR.
113. August 2017, *Introduction to ESBL & BioBE Research*, two-hour workshop with Jason Stenson, Alejandro Manzo, Amir Nezamdoost, Illuminating Engineering Society Annual Conference – Emerging Leaders Forum, Portland, OR.
114. May 2017, *Launching the Health + Energy Research Consortium*, 1.5-day workshop with Jessica Green and research members at ESBL & BioBE, University of Oregon, Portland, OR.
115. April 2017, *Manual Blind Studies in Commercial Buildings*, 60-minute presentation with Amir Nezamdoost, Attachments Energy Rating Council – Attachments Operation Schedule Committee, online webinar.
116. March 2017, *Biology & Buildings: Indoor Environments & Human Health*, 30-minute presentation with Roo Vandegrift, AIA Design + Health Research Consortium Annual Meeting, Detroit, MI.
117. March 2017, *Post-occupancy Performance Evaluation of Mass Timber Buildings*, 20-minute presentation with Mariapaola Riggio, International Mass Timber Conference, Portland, OR.
118. October 2016, [Perspectives on Building Design and Commissioning](#), 60-minute presentation and panel discussion with Robin Guenther, Meeting #3 of the National Academy of Sciences Committee on Microbiomes of the Built Environment. Irvine, CA.
119. October 2016, *A Summary of: A Comparative Study of Spatial Daylit Area Drawings with Annual Climate-based Simulation Using Multiple Blind Control Patterns and Point-in-Time Simulation*, 60-minute presentation, Attachments Energy Rating Council – Attachments Operation Schedule Committee, online webinar.
120. September 2016, *HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*, 8-hour workshop with Alen Mahić, Pacific Energy Center, San Francisco, CA.
121. July 2016, *Emerging Perspectives on Exposure Assessments. A retrospective and research agenda from a large center*, 30-minute presentation with Jessica L. Green, The 5th Alfred P. Sloan Foundation Conference of Microbiology of the Built Environment, Boulder, CO.
122. May 2016, *Transforming Architecture: A Festschrift Event in honor of G.Z. Brown*, 8-hour workshop, Eugene, OR.
123. April 2016, *LightFair International, LightFair Institute, Daylighting Patterns and Energy Performance*, 90-minute workshop with Christopher Meek – San Diego, CA.

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124. November 2015, Illuminating Engineering Society Annual Conference, *Transforming Daylighting Research into Lighting Design Practice*, 30-minute invited presentation, Indianapolis, ID.
125. May 2015, LightFair International, LightFair Institute, *Case Studies of Daylighting Strategies and Energy Performance*, 90-minute workshop with Christopher Meek – New York City, NY.
126. May 2015, LightFair International, LightFair Institute, *Daylight Fundamentals: Design and Analysis Strategies for Comfortable and Energy Efficient Buildings*, 1-day (7-hours) workshop with Christopher Meek – New York City, NY.

127. April 2015, Illuminating Engineering Society, *Daylighting Educational Tour 2015*, 90-minute lecture – Cleveland, OH.
128. April 2015, Illuminating Engineering Society, *Daylighting Educational Tour 2015*, 90-minute lecture – Toledo, OH.
129. April 2015, Illuminating Engineering Society, *Daylighting Educational Tour 2015*, 90-minute lecture – Detroit, MI.
130. March 2015, Illuminating Engineering Society with Carnegie Mellon University's Center for Building Performance and Diagnostics, *Daylighting Educational Tour 2015*, 90-minute lecture – Pittsburgh, PA.
131. February 2015, Illuminating Engineering Society, *Daylighting Educational Tour 2015*, 90-minute lecture – Cincinnati, OH.
132. February 2015, Illuminating Engineering Society, *Daylighting Educational Tour 2015*, 90-minute lecture – Indianapolis, IN.
133. November 2014, City University of New York - CCNY, *Daylighting Seminar*, 90-minute lecture invited by Gonzalez and Volkmann – delivered online, New York City, NY.
134. October 2014, ASHRAE Golden Gate Chapter / UC Berkeley Center for Built Environment / PG&E Pacific Energy Center, *Glass in Architecture: Balancing Beauty, Light, Air, Comfort and Energy*, 7-hour workshop with Charles Eley, Paul Woolford (HOK), Stephen Selkowitz (LBNL), Daniel Murtagh (Boston Properties), Sandra Mendler (Mithun), Erin McConahey (ARUP), Michael Tillou (Atelier Ten) – San Francisco, CA.
135. August 2014, ACEEE Summer Study on Energy Efficient Buildings, *Merging the Power of Simulation with the Simplicity of a Spreadsheet: Heat Pump Savings Calculator*, 30-minute presentation, Asilomar, CA.
136. June 2014, LightFair International, LightFair Institute, *Ecology of Light: Ten Steps to Daylighting Success*, 90-minute workshop with Christopher Meek – Las Vegas, NV.
137. June 2014, LightFair International, LightFair Institute, *Daylight Fundamentals: Design and Analysis Strategies for Comfortable and Energy Efficient Buildings*, 1-day (7-hours) workshop with Christopher Meek – Las Vegas, NV.
138. May 2014, City University of New York - CCNY, *Lighting and Sustainability Panel Discussion*, 2-hour panel discussion invited by Gonzalez, New York City, NY.
139. April 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Denver, CO.
140. March 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Wichita, KS.
141. February 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Phoenix, AZ.
142. January 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Omaha, NE.
143. January 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Des Moines, IA.
144. January 2014, National Institute of Buildings Sciences Annual Conference, *Pursuing luminance-based lighting design guidance for the low-vision population*, 30-minute lecture – Washington DC.
145. December 2013, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Minneapolis, MN.

- 146. October 2013, Illuminating Engineering Society Annual Conference, *Limitations of Common Lighting Metrics for Evaluating Human Visual Comfort in Spaces with Daylight*, 30-minute presentation, Long Beach, CA.
- 147. October 2013, Illuminating Engineering Society Annual Conference, *Toward Resolving Discomfort Glare from Vertical Fenestration*, 30-minute presentation, Long Beach, CA.
- 148. October 2013, Illuminating Engineering Society Annual Conference, *A Contrast of Manual Blind Control Algorithms with Whole-Building Energy Implications*, 30-minute presentation with Christopher Dyke, Long Beach, CA.
- 149. October 2013, Illuminating Engineering Society Annual Conference, *Simulation-Based Daylighting Design*, 60-minute presentation with Richard Mistrick, Long Beach, CA.

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- 150. April 2013, LightFair International, LightFair Institute, *Ecology of Light: Ten Steps to Daylighting Success*, 90-minute workshop – Philadelphia, PA.
- 151. April 2013, LightFair International, LightFair Institute, *Evaluating Human Visual Preference and Performance in an Office Environment Using Luminance-based Metrics*, 90-minute workshop – Philadelphia, PA.
- 152. April 2013, LightFair International, LightFair Institute, *Daylight Performance Metrics from Human Studies and Annual Simulation*: 3-hour workshop – Philadelphia, PA.
- 153. April 2013, LightFair International, LightFair Institute, *Daylight Fundamentals: Design and Analysis Strategies for Comfortable and Energy Efficient Buildings*, 1-day (7-hours) workshop with Christopher Meek – Philadelphia, PA.
- 154. September 2012, Lecture to Iowa Utilities Board and Office of Consumer Advocacy, *Daylighting and Glare Post-Occupancy Evaluation Analysis*, 90-minute workshop, Des Moines, IA.
- 155. August 2012, ACEEE Summer Study on Energy Efficient Buildings, *A Decade of Market Transformation in the Pacific Northwest*, 30-minute presentation, Asilomar, CA.
- 156. June 2012, Society of Building Science Educators Annual Retreat, Interdisciplinary Team Management and Building Simulation, 1.5-hour presentation with Jacob Dunn and Sherry McKibben - Boise, ID.
- 157. May 2012, LightFair International, LightFair Institute, *Annual Daylight Performance Metrics*, 3-hour workshop with Lisa Heschong - Las Vegas, NV.
- 158. November 2011, Workshop on Energy Security and Resilient Control Systems, *Targeted Energy Management Toolset for Comfort and Savings Based on Advanced Computational Intelligence Techniques*, poster presentation with Milos Manic of University of Idaho Craig Rieger of Idaho National Lab, John Gardner of Boise State University, Washington DC.
- 159. November 2011, Workshop on Energy Security and Resilient Control Systems, *Existing Targeted Energy Management System Toolset*, 30-minute presentation, Los Angeles, CA.
- 160. September 2011, New Buildings Institute – Deep Savings in Existing Buildings Summit, *Existing Building Renewal Initiative*, 15-minute presentation, Boulder, CO.
- 161. May 2011, LightFair International, LightFair Institute, *Daylight Fundamentals: Design and Analysis Strategies for Comfortable and Energy Efficient Buildings*, 2-day (14-hours) workshop with Christopher Meek – Philadelphia, PA.

162. March 2011, Harvard Graduate School of Design, *The Daylight Pattern Guide: Developing a Visual Vocabulary for Daylighting Design Decision Making*, 2-hour workshop with Christopher Meek – Cambridge, MA.
163. May 2010, Daylight Forum 2010, *Delight + Efficiency - Accelerating Daylight as a Light Source for Net Zero Energy Buildings*, 2-hour panel discussion with Lisa Heschong, Hayden McKay, Matthew Tanteri, Neil Digert, and Amy Keller - Las Vegas, NV.
164. May 2010, Daylight Forum 2010, *IES Daylight Metrics Subcommittee Goals and Progress*, 30-minute presentation - Las Vegas, NV.
165. May 2010, LightFair International, LightFair Institute, *Daylight Fundamentals: Design and Analysis Strategies for Comfortable and Energy Efficient Buildings*, 2-day (14-hours) workshop with Christopher Meek - Las Vegas, NV.
166. October 2009, Parsons New School for Design MFA Lighting Program - *High Dynamic Range Imaging as a Luminance Analysis Technique in Buildings*, 2.5-hour workshop - New York City, NY.
167. October 2009, IESNA New York City Chapter Kelly Grant Awards - *Physical Models, Digital Models and Light of the Real*, 1-hour presentation - New York City, NY.
168. May 2009 American Collegiate Schools of Architecture Annual Meeting - *Research Value of Design*, American Collegiate Schools of Architecture 1-hour workshop with GZ Brown, Judy Theodorson and Joel Loveland - Portland, OR.
169. January 2009, Wisconsin Energy Center, *Integrate Design for Energy Efficiency*, two 8-hour workshops and one 1-hour web archived video lecture - Green Bay, Madison, and Delafield, WI.
170. May 2008, LightFair International, LightFair Institute, *Simulating Daylight - A Digital Overview: ECOTECT, Radiance, Daysim, Daylight 1-2-3*, 3-hour workshop with Christoph Reinhart - Las Vegas, NV.
171. May 2008, LightFair International, LightFair Institute, *Simulating Daylight - An Overview of Physical and Digital Modeling*, 3-hour workshop with Christoph Reinhart - Las Vegas, NV.
172. May 2008, Office Ergonomics Research Council, *Office Lighting Ergonomics and Energy Savings*, 0.5-hour presentation - Seattle, WA .
173. July 2007, Society of Building Science Educators Annual Retreat, *The Educational Benefits of Creating Synergies Between Professionals and the Academy*, with G.Z. Brown, Joel Loveland, & Judy Theodorson, two-hour workshop - Bainbridge Island, WA.
174. May 2007, LightFair International, LightFair Institute, *Emerging Daylight Metrics*, 1.5-hour workshop with Lisa Heschong - New York, NY.
175. August 2006, ACEEE, Summer Study on Energy Efficiency in Buildings, *Emerging Daylight Metrics*, 2-hour workshop with Lisa Heschong, David Eijadi, George Loisos, & Susan Ubbelhode - Asilomar, CA.
176. July 2006, Society of Building Science Educators Annual Retreat, *Evolving the Culture of Light for Energy: A Model for Impacting Design Practice*, 1-hour presentation with Christopher Meek - Pingree Park, CO.
177. July 2005, 'Daylighting Working Group' Annual Meeting, *Daylighting Metrics, Methods & Facilities*, 8-hour workshop with G.Z. Brown and Joel Loveland - Seattle, WA.

Regional or Local

178. April 2025, Improving Lives and Building Nebraska's Economy, moderated 1-day workshop, Council of Alumni Ambassadors, University of Nebraska, Lincoln, NE.
179. October/November 2024, *Human Health: The Role of Nature and the Built Environment*, (3) 2-hour workshops, Osher Lifelong Learning Institute, University of Nebraska, Lincoln, NE.

180. October 2023, *Carbon Connect: Introduction to Climate Action in Real Estate*, 1-hour presentation to Lincoln Carbon Connect Forum with Nate Maniktala, Lincoln, NE.
181. June 2023, *Future of the Building Industry*, 1-day workshop moderator, Durham School of Architectural Engineering and Construction, University of Nebraska, Omaha, NE.
182. August 2022, *Return to Work – Achieving and Maintaining Indoor Environmental Quality*, 90-minute panel with Stephanie Taylor and Rebecca Sheppard, Smart Building Exchange 2022, Seattle, WA and online.
183. August 2022, *Faculty Perspectives: Health Buildings in the Endemic Era*, 60-minute presentation, University of Oregon, IntroDUCKtion, Eugene, OR.
184. June 2022, *Design the UnSeen*, 90-minute lecture, AIA Oregon Design Conference, Portland, OR.
185. May 2022, *Indoor Air Quality in the Endemic Era*, Portland State University, 1-hour lecture, online.
186. May 2022, *Indoor Bioaerosols & Healthy Buildings*, Multnomah County Public Health, Committee on Infection Prevention, 1-hour lecture, online.
187. March 2022, *One big idea*, 15-minute presentation, SRG Partnership Portland/Seattle, online.
188. January 2022, *HVAC Toolkit for Safe Indoor Air during COVID-19*, 60-minute presentation, Oregon Health Authority Committee on Healthcare Associated Infection, online.
189. June 2021, *Multi-modal Environmental Surveillance at Isolation Dormitory*, 60-minute presentation, University of Oregon Housing and Environmental Health and Safety, with Andreas Martinez, online.
190. May 2021, *IHBE Build Health Annual Industry Consortium Research Conference*, 8-hour workshop with Mark Fretz and IHBE research staff, online.
191. May 2021, *Luminaire Level Lighting Control and Healthy Buildings*, 60-minute webinar for the Northwest Energy Efficiency Alliance, with Alen Mahic and Chris Meek, online.
192. February 2021, *Indoor air quality in K-12 schools: effective layered dose and risk reduction during COVID-19*, 2-hour workshop with Richard Corsi, Oregon Department of Education, online.
193. February 2021, *Indoor air and infection control*, 60-minute presentation with Mark Fretz, Oregon Southern Washington Association for Professionals in Infection Control & Epidemiology (OSWAPIC), online.
194. January 2021, *Architecture and Healthy Environments*, 2-hour presentation, Construction Specification Institute, Mt. Rainier Chapter, online.
195. January 2021, *Advancing clean energy in Oregon*, 75-minute presentation and panel with Adell Amos, Shannon Boettcher, Grant Jacobsen, Michael Russo, Anne Brown and Alison Kwok, Oregon Senate Committee on Environment and Natural Resources, online.
196. December 2020, *A delicate balance: energy efficiency and indoor air quality in the COVID-19 era*, 60-minute presentation, Board of Directors of the Northwest Energy Efficiency Alliance, OR, online.
197. November 2020, *Architecture in the Post-Pandemic Era*, 90-minute presentation, City of Springfield City Club, OR, online.
198. November 2020, *COVID-19 Surveillance and Early Warning: A Startup Story and the Science Behind Making Buildings Safer*, 60-minute presentation with Shula Jaron, University of Oregon Startup Week, online.
199. October 2020, *What 1:1 Replacement Means for Energy Savings and Light Quality*, 60-minute presentation with Alen Mahic and Chris Wolgamott, Northwest Energy Efficiency Alliance, Ask the Experts Lecture Series, online.
200. July 2020, *Transforming Buildings for COVID-19 & Energy Efficiency*, 60-minute presentation, University of

- Idaho Integrated Design Lab Idaho Power Lecture Series, online.
201. July 2020, COVID-19 and Indoor Environments, 60-minute presentation with Mark Fretz, Swinterton Construction Leadership Council, online.
202. July 2020, *Transforming Buildings for COVID-19 & Energy Efficiency*, 60-minute presentation, Northwest Energy Efficiency Alliance Product Council, online.
203. July 2020, *COVID & Schools Part 2*, 60-minute lecture with Ruwan Jayaweera and Angela Freeman, Portland Green Schools, online.
204. July 2020, [*Faculty Perspectives: COVID-19*](#), 45-minute presentation, University of Oregon, IntroDUCKtion, online.
205. June 2020, *COVID-19 solutions in Long-Term Care Communities: Regaining Control to Keep Seniors Safe*, 60-minute presentation with Phil Fogg Jr. and Stephen Turner, Washington Health Care Association, online.
206. June 2020, *COVID & Schools Part 1* – 60-minute lecture with Craig Lardiere, Kathleen Owen, and Gerry Glynn, Portland Green Schools, Portland, OR.
207. May 2020, [*Pandemics and the Built Environment*](#), 90-minute presentation with Mark Fretz, University of Oregon Provost's Lecture Series, OR.
208. May 2020, IHBE Build Health Annual Industry Consortium Research Conference, 8-hour workshop with Mark Fretz and IHBE research staff, online.
209. May 2020, *IHBE Build Health Research Updates*, 60-minute presentation, University of Oregon College of Design Advisory's Council Annual Meeting, online.
210. February 2020, Microbiology of the Built Environment, Wuhan Architecture Abroad Program, University of Oregon, Eugene, OR.
211. May 2019, IHBE Annual Meeting, two-day workshop, University of Oregon, Portland, OR.
212. May 2019, *IHBE Research Updates*, 60-minute presentation, Pacific Northwest National Laboratory, Portland, OR.
213. February 2019, *Design the UnSeen*, 60-minute presentation, Microbial Ecology and Theory of Animals Center for Systems Biology, University of Oregon, Eugene, OR.
214. December 2019, *Design the UnSeen*, 30-minute presentation, Board of Trustees, University of Oregon, Eugene, OR.
215. November 2019, *How to cost effectively eliminate carbon emissions from your commercial building: Getting ahead of the regulations*, 60-minutes presentation with Jonathan Heller, Bellevue Chamber of Commerce and BOMA Chapter, Bellevue WA.
216. September 2018, *Design the UnSeen*, 60-minute presentation with 60-minute panel discussion, American Institute of Architects, Idaho Chapter AIA Design Awards, Boise, ID.
217. August 2018, *Research Updates from the Institute for Health in the Built Environment*, 60-minute online presentation with Mark Fretz, ARUP, San Francisco, CA.
218. August 2018, *Research Updates from the Institute for Health in the Built Environment*, 60-minute presentation, CO Architects, Los Angeles, CA.
219. May 2018, *Research Updates from the Institute for Health in the Built Environment*, 90-minute presentation, Northwest Energy Efficiency Alliance, Portland, OR.
220. April 2018, *NEB4ZEB Non-Energy Benefits for Net-Zero Energy Buildings*, 45-minute presentation and tour, PNW Chapter of the American Energy Services Providers, Portland, OR.

221. March 2018, *IHBE, ESBL & BioBE Research Updates*, 60-minute presentation, BAR Architects, San Francisco, CA.
222. March 2018, *IHBE, An Ecology of Light – Steps to Daylighting Success*, UC-Berkeley ARCH 140 Introduction to Energy and Environment, 90-minute presentation, Brager and Schiavon, Berkeley, CA.
223. March 2018, *ESBL & BioBE Research Updates*, 60-minute presentation, BAR Architects, San Francisco, CA.
224. March 2018, *Ecology of Light: Daylight Design + Microbiomes of Light*, 60-minute presentation, UC Berkeley Architecture 140 (Brager, Schiavon), Berkeley, CA.
225. February 2018, *UO-OHSU Microbiome Summit*, 4-hour workshop invited participant, Oregon Health Sciences University, Portland, OR.
226. November 2017, *BioBE Center - Designing Healthier Buildings and Spaces*, 20-minute presentation in 4-hour workshop, Oregon State University, NIEHS Environmental Health Sciences Center Relaunch, Corvallis, OR.
227. November 2017, *ESBL & BioBE Research Updates*, 60-minute presentation, Pacific Northwest National Lab, Portland, OR.
228. August 2017, *Annual Energy and Daylight Co-Simulation for More Accurate Representation of Electric Lighting and Shading Controls in Buildings*, 1.25-hour seminar with Alen Mahić and Amir Nezamdoost, Building Energy Simulation Forum, Energy Trust of Oregon, Portland, OR.
229. March 2017, Northwest Energy Efficiency Alliance Commercial and Industrial Efficiency Sector, *ESBL & BioBE Research Updates for NEEA*, 60-minute presentation, Portland Oregon.
230. March 2017, *Natural Ventilation Workshop*, 4-hour workshop with Jeff Kline, Energy Trust of Oregon, Eugene, OR.
231. May 2016, *Research Empowers Design Transformation*, 60-minute presentation with G.Z. Brown, Kent Duffy, Jeff Yrazabel, AIA Oregon Design Conference, Gleneden Beach, OR.
232. May 2016, Research from UO ESBL and UO BioBE, 60-minute presentation, Oregon State University Wood Science Engineering Seminar Series, Corvallis, OR.
233. May 2016, Hacker Architects, *Research from UO ESBL and UO BioBE*, 60-minute presentation, Portland, OR.
234. November 2015, *How LEED v4 will Drastically Change Daylighting*, 60-minute presentation with Tom Hootman, Dan Glaser, Dane Sanders, Boulder & Associates Seminar, Washington DC.
235. September 2016, *How Biotech and Data Science can be used to Evaluate Cleantech in Buildings and Cities*, 15-minute presentation with Jessica L. Green, Oregon BEST FEST, Portland, OR.
236. May 2016, *Research updates from UO ESBL and UO BioBE*, 60-minute presentation, Oregon State University Wood Science Engineering Seminar Series, Corvallis, OR.
237. April 2016, *Research to inspire STEM from UO ESBL and UO BioBE*, 60-minute presentation with Gwynne Á. Mhuireach, O'Hara Catholic School, Eugene, OR.
238. May 2016, *Research Empowers Design Transformation*, 60-minute presentation with G.Z. Brown, Kent Duffy (SRG), Jeff Yrazabel (SRG), AIA Oregon Design Conference 2016, Gleneden Beach, OR.
239. May 2016, *Transforming Architecture: A Festschrift Event in honor of G.Z. Brown*, organizer and moderator of 8-hour mini-conference with Kent Duffy (SRG), Ron Kellett (UBC), Gwynne Á. Mhuireach (UO), and Michael Hatten (Solarc EG), University of Oregon, Eugene, OR.
240. March 2016, *Energy and Thermal Performance Considerations of Mass Timber Buildings*, 30-minute presentation, International Mass Timber Conference 2016, Portland, OR.

Tenured 12/15/2015; University of Oregon

- 241. Fall 2015, *Getting to Zero*, AIA Portland, organizer and moderator of four-day workshop series with AIA Portland and invited guests, Portland, OR.
- 242. March 2015, *Daylighting Design Development: Getting the Details Right!*, 60-minute presentation, AIA Idaho Eastern Section, Pocatello, ID.
- 243. November 2014, UI-IDL Fall Lecture Series – *Holistic Lighting Design*, 90-minute presentation, Boise, ID.
- 244. November 2014, Idaho Power Energy Efficiency Advisory Group – *CSHQA HQ Measurement and Verification, and Model Predictive Control*, 45-minute presentation with Kent Hanway (CSHQA), Boise, ID.
- 245. October 2014, Solemma, University of Washington, Seattle City Light, *DIVA Day – Environmental Performance Analysis in Design Practice and Research*, 8-hour workshop with Christoph Reinhart (Solemma) Alstan Jakubiec (Solemma), Mehlika Inanici (University of Washington), Niloufar Emami (University of Michigan), Tuan Tran (University of Hawaii), Seth Holmes (University of Hartford), Luisa Caldas (UC-Berkeley), Erick Katzenstein (Mode Lab), Emilie Hagan, Henry Richardson, Michael Esposito (Atelier Ten), Scott Craford, Apoorv Goyal (LMN), Marty Brennan, Ed Clark (ZGF), Eddy Santosa – Seattle, WA.
- 246. September 2014, *Daylighting Schematic Design*, 60-minute presentation, AIA Idaho Mountain Section, Ketchum, ID.
- 247. September 2014, *Daylighting Design Development*, 60-minute presentation, AIA Idaho Mountain Section, Ketchum, ID.
- 248. September 2014, *Integrated Design Case Studies*, 60-minute presentation, AIA Idaho Eastern Section, Pocatello, ID.
- 249. September 2014, *15 Years of Energy Efficiency Market Transformation – Now What?*, 60-minute presentation, Center for Advanced Energy Studies, Idaho Falls, ID.
- 250. May 2014, *Integrated Design Principles + 2030 Update*, 60-minute presentation, AIA Idaho Central Section, Boise, ID.
- 251. February 2014, *Integrated Design Lab Update*, 30-minute lecture for Idaho Power Company's Energy Efficiency Advisory Group, Boise, ID.
- 252. January 2014, *UI-Integrated Design Lab 10th Anniversary*, 60-minute presentation, University of Idaho, Boise, ID.
- 253. November 2013, *UI-Integrated Design Lab: Collaborating for EE Market Transformation*, 60-minute presentation with Shree Willhite of Idaho Power Company, Northwest Power & Conservation Council, Boise, ID.

Tenured 7/1/2013; University of Idaho

- 254. March 2013, *Daylight Performance Metrics from Human Studies and Annual Simulation*, 60-minute presentation, AIA Idaho Central Section, Boise, ID.
- 255. August 2012, *Integrated Design Lab Network Highlights from 2000-2010*, 30-minute presentation, Northwest Energy Efficiency Alliance Quarterly Board Meeting, Boise, ID.
- 256. June 2012, *Integrated Lighting Controls Commissioning*, 45-minute presentation with Joel Loveland of the University of Washington, PNW Building Commissioning Association quarterly meeting, Spokane, WA.
- 257. February 2012, *Energy Efficiency in Idaho - Research and Practice*, 45-minute presentation with Todd Schultz of Idaho Power Company, Center for Advanced Energy Studies 2012 Idaho Research Symposium, Boise, ID.

258. January 2012, *Energy Efficiency Update*, Idaho Energy Collaborative Legislative Luncheon, 20-minute briefing, Boise, ID.
259. November 2011, *Existing Building Renewal Process*, 90-minute lecture with Mike Hatten of Solar AE, Integrated Design Lecture Series, University of Idaho-Integrated Design Lab, Boise, ID.
260. November 2011, *Overview of the Daylight Pattern Guide*, 30-minute online presentation, New Buildings Institute Quarterly Board Meeting, with Christopher Meek of the University of Washington.
261. October 2011, *Existing Building Renewal Panel*, 60-minute panel discussion with representatives from Blue Shield, Thornton Olliver Keller, Northwest Energy Efficiency Alliance and Idaho Power Company, Idaho Energy and Green Building Conference, Association of Idaho Cities, Boise, ID.
262. October 2011, *Daylighting Best Practices*, 75 lecture, Idaho Energy and Green Building Conference, Association of Idaho Cities, Boise, ID.
263. September 2011, *Integrated Design & Energy Efficiency Charrette*, 6-hour workshop with Gunnar Gladics and Sherry McKibben of UI, Bonneville Power Administration, Portland, OR.
264. September 2011, *Integrated Design Theory & Case Studies*, 4-hour workshop with Jason Butler of CTA A&E, AIA+2030 Lecture Series, AIA Idaho Chapter, Boise, ID.
265. August 2011, Western Energy Policy Research Conference, *Prioritizing and Visualizing Energy Management and Control System Data to Provide Actionable Information for Building Operators* 30-minute presentation with Carlos Duarte, Boise, ID
266. August 2011, *Integrated Design Process*, 60-minute lecture, AIA Idaho Chapter, Boise, ID.
267. May 2011, *Center for Advanced Energy Studies Energy Efficiency Research Institute*, 30-minute lecture, Yellowstone Business Partnership Annual Conference, Jackson Hole, WY.
268. April 2011, *University of Idaho Integrated Design Lab Research Update*, 60-minute lecture to Idaho Power Company's Spring Meeting for Customer Representatives, Idaho Power Company, Boise, ID.
269. April 2011, AIA-Seattle & Seattle City Light, *The Daylight Pattern Guide: Developing a Visual Vocabulary for Daylighting Design Decision Making*, 2.5-hour workshop with Christopher Meek – Cambridge, MA.
270. March 2011, *A Decade of Energy Savings: The Pacific Northwest University Integrated Design Lab Network*, 30-minute lecture for the President's Sustainability Symposium, University of Idaho, Moscow, ID.
271. March 2011, *Integrated Design Lab Update*, 45 lecture for North Central Idaho Green Technology Workshop, Clearwater Economic Development Association, Moscow, ID.
272. November 2010, *An Evaluation of Direct Energy Savings and Market Transformation of the Pacific Northwest University-based Energy Efficiency Lab Network from 2000-2010*, 2-hour presentation to the Northwest Energy Efficiency Alliance with G.Z. Brown and Joel Loveland, Portland, OR.
273. November 2010, *Architectural Research Methods*, 1-hour lecture for Ryan Smith's Research Methods Course, University of Utah, Salt Lake City, UT
274. October 2010, *Integrated Design Lab Update*, 30-minute lecture for Idaho Power Company's Energy Efficiency Advisory Group, Boise, ID.
275. August 2010, *Idaho Strategic Energy Alliance Roundtable on Industrial Energy Efficiency*, 4-hour workshop organizer with Don Sturtevant - Idaho National Lab, Idaho Falls, ID
276. October 2009, AIA Idaho Chapter - *Daylighting Design; Getting the Details Right*, 1-hour presentation - Boise, ID

277. April 2009 Northwest Energy Coalition, *Idaho's Energy Future*, 1.5-hour panel discussion with Ric Gale and John Gardner - Boise, ID
278. April 2009 Idaho Society for Healthcare Engineering, *Integrated Design and Healthy Hospitals*, 1.5-hour workshop - McCall, ID
279. April 2009, Green Building Seminar III - Green Homes, *Integrated Design, Putting it All Together*, 1-hour workshop - Idaho Falls, ID
280. October 2008, Integrated Design Lab Fall Education Series, *Commissioning: Getting High Performance Systems to Perform*, 1.5-hour workshop with Brad Acker - Boise, ID
281. October 2008, Idaho Sustainability Conference, *Lessons Learned in Integrated Design Processes*, 1.5-hour workshop - Sun Valley, ID
282. October 2008, Idaho Energy and Green Building Conference, *Light and Health in Buildings*, 1.5-hour workshop - Boise, ID
283. October 2008, Boise Public Library, *Energy Efficiency and Green Living Series*, 2-hour workshop moderator with panel members Jim Miller, Byron Defenbach, and John Gardner - Boise, ID
284. June 2008, University of Idaho Lunch and Lead, *Design Healthy Environments*, 1.5-hour workshop with Sherry McKibben - Boise, ID
285. May 2008, West Coast Energy Management Congress, *Integrating Project Delivery*, 2-hour workshop with Gary Christensen, Amy Hellmund, Rick Hunter, and Ken Baker - Seattle, WA
286. April 2008, CTA Architects, *Introduction to Integrated Design Processes*, two 8-hour workshops with Mike Hatten, Boz Van Houten, and Ery Djunaedy - Boise, ID
287. March 2008, United States Environmental Protection Agency Region 10, *The Role of Climate Responsive Design and Integrated Design for Energy Efficiency*, 2-hour workshop with Joel Loveland and G.Z. Brown - Seattle, WA
288. March 2008, Idaho Environmental Educators Conference, *The Value of Integrated Design for Idaho Schools*, 1-hour lecture, Boise, ID
289. January 2008, East Side Preparatory School, *Sustainability and Reconnecting to Nature with Architecture*, 1-hour lecture - Bellevue, WA
290. January 2008, National Electrical Contractors Associations Idaho Chapter Annual Meeting, *Integrating the Lighting Environment – Research and Practice of Daylight Sensing Lighting Controls*, 1-hour workshop with Frank Rice - Sun Valley, ID
291. January 2008 - April 2008, University of Idaho & Boise State University Professional Education, *Green Building*, four 8-hour workshops with Sherry McKibben, Ery Djunaedy, Rebecca Mirsky - Boise, ID
292. December 2007, ASHRAE Utah Chapter Meeting, *The Role of Daylight in Integrated Design*, 1-hour seminar - Salt Lake City, UT
293. June 2007, American Association for the Advancement of Science, *Project Based Education, A Model for Integrated Design*, 1-hour presentation - Boise, ID
294. October 2006, Idaho Energy Conference, *Integrated Design Case Studies*, 2-hour presentation - Boise, ID
295. June 2006, AIA Utah Daylighting Day, *Daylighting: Schematic Design, Design Development and Implementation*, 5-hour workshop - Salt Lake City, UT
296. April 2006, ASHRAE Idaho Chapter Annual Technical Conference, *Integrated Design Lessons Learned*, 1.5-hour presentation - Boise, ID

297. November 2004 Idaho Energy Conference, *High Performance School Design*, 2-hour workshop with Richard Bauscher - Sun Valley, ID

298. June 2004, AIA Utah Daylighting Day, *Daylighting Design, Why and How*, 6-hour workshop with Charles Ehrlich, Salt Lake City, UT

Professional Consulting:

Design process research and analyses and/or building operations measurement associated with daylighting, lighting, energy efficiency, indoor air quality, and integrated building systems as part of the UW Daylighting Lab or leading the UI Integrated Design Lab and UO Energy Studies in Buildings Laboratory. Below are 50 selected projects from over 400 projects consulted since 2000:

1. Andina Air Quality Assessments and Operational Recommendations, Andina Restaurant, Portland, OR, 2021.
2. OSU Cascades Daylighting and Acoustical Design Support and Post-occupancy Assessment, Bend, OR; SRG Partnership, Portland, OR, 2019-2022.
3. Phil and Penny Knight Campus for Accelerating Scientific Impact, University of Oregon, Eugene, OR; Ennead Architects, NYC, NY; Bora Architects, Portland, 2017-2018.
4. Tykeson Hall, University of Oregon, Eugene, OR; Rowell Brokaw Architects, Eugene, Or, 2015-2017.
5. Multnomah County Courthouse, Portland, OR; SRG Partnership, Portland, OR, 2015-2017.
6. Eugene City Hall, Eugene, OR; Rowell Brokaw Architects, Eugene, Or, 2015-2016.
7. Bullitt Center (AIA COTE Top 10), Seattle, WA; Miller Hull, Seattle, WA; 2013-2016.

Tenured 12/15/2015; University of Oregon

8. Simplot World Headquarters (under construction), Boise, ID; Adamson Associates, Los Angeles, CA; 2014-2015.
9. College of Southern Idaho Campus Master Plan, Twin Falls, ID; CTA Architects and Engineers, Boise ID; 2015.
10. College of Western Idaho Campus Master Plan, Nampa, ID; CTA Architects and Engineers, Boise ID; SRG Partnership, Seattle, WA; 2013-2014.
11. Riverside Hotel (deep energy renovation), Boise, ID; Site-Based Energy, Boise, ID; 2012-2013.
12. Christensen Corporation Near Zero Office Building One, Boise; CTY Studio, Boise, ID; 2012-2013.
13. Iowa Utilities Board / Office of the Consumer Advocate Office Building (AIA COTE Top 10 Plus, LEED-NC, Platinum), BNIM Architects, Des Moines, Iowa, 2012-2013.

Tenured 7/1/2013; University of Idaho

14. Jade Mountain Resort, St. Lucia; Modus Architects, Boise, ID, 2011-2012.
15. 9th & Idaho (deep energy renovation), Boise, ID; Engineering Consultants Inc, Boise, ID, 2010-2012.
16. Scentsy Campus (office tower, manufacturing), Meridian, ID; CTA A&E, Boise, ID, 2010-2012.
17. Capital Gateway Plaza I & II (deep energy renovation), Boise, ID, 2011-2012.
18. Battelle Technical Support Building, Idaho Falls, ID; INL Architects, Idaho Falls, ID; 2010.
19. Van Buren Elementary School (LEED-NC, Silver) Caldwell, ID; McKinstry & LKV Architects, Boise, ID; 2008-2010.
20. Washington Elementary School (LEED-NC, Gold) Caldwell, ID; McKinstry & LKV Architects, Boise, ID; 2008-2010.
21. Idaho Pulmonary Associates (LEED-NC, Certified), Meridian, ID; Insight Architects, Boise, ID; 2007-2009.

22. College of Southern Idaho Health Sciences and Human Services (LEED-NC, Gold), Twin Falls, ID; CTA Architects and Engineers, Boise, ID; 2007-2009.
23. Rocky Mountain Hardware (LEED-NC, Gold), Hailey, ID; Ruscitto Latham Blanton Architects, Ketchum, ID; 2007-2009.
24. St. Alphonsus Regional Medical Center - South Tower Renovation, Boise, ID; Corporate Facilities, Boise, ID; 2005-2008.
25. St. Luke's Magic Valley Regional Medical Center, Twin Falls, ID; Hummel Architects, Boise, ID and Architectural Nexus, Salt Lake City, UT; 2005-2008.
26. Long Valley Operations Center (LEED-NC Gold), Lake Fork, ID; Modus Architects, Boise, ID; 2007-2008.
27. Center for Advanced Energy Studies (LEED-NC, Gold), Idaho Falls, ID; GSBS Architects, Salt Lake City, UT; 2005-2007.
28. Wild Oats Prototype Grocery Store (LEED-NC, Registered), Boulder, CO; CSHQA Architects, Boise, ID; 2005-2006.
29. Ada County Weed & Pest Control (LEED-NC, Silver), Meridian, ID; LCA Architects, Boise, ID; 2005-2004-2006.
30. Barber Park Administration and Raft Maintenance Facility (LEED-NC, Certified), Boise, ID; McKibben + Cooper Architects, Boise, ID; 2004-2005.
31. Albertson's Prototype Grocery and Drug Stores, Anywhere, USA; Albertson's Corporate & CSHQA Architects, Boise, ID; 2002-2005.
32. Benjamin Franklin Elementary School, (AIA COTE Top 10, LEED-NC, Gold), Seattle, WA; Mahlum Architects, Seattle, WA; 2003-2004.
33. Seattle Park 90/5 C (LEED-NC, Gold), Seattle, WA; DKA Architects, Seattle, WA; 2003-2004.
34. Banner Bank Building (LEED-CS, Platinum), Boise, ID; HDR Architects, Boise, ID; 2003-2004.
35. Front 5 Building (LEED-NC, Certified), Boise, ID; Cole + Poe Architects, Boise, ID; 2003-2004.
36. Yesler Community Center (LEED-NC, Gold), Seattle, WA; Mithun Architects, Seattle, WA; 2002-2004.
37. EX3 Teen Center, Federal Way, WA; Weinstien AU, Seattle, WA; 2002-2003.
38. High Point Community Center (LEED, Certified), Seattle, WA; Streeter Architects, Seattle, WA; 2003.
39. Carkeek Park Environmental Learning Center, Seattle, WA; Selkirk Miller Hyashi, Seattle, WA; 2003.
40. Seattle Justice Center (LEED Silver), Seattle, WA; NBBJ Architects, Seattle, WA; 2000-2003.
41. Ballard Library and Neighborhood Center (AIA COTE Top 10), Bohlin Cywinski Jackson, Seattle, WA, 2002-2003.
42. Northeast Branch Library, Seattle, WA; The Miller Hull Partnership, Seattle, WA; 2003.
43. Pierce County Environmental Services (AIA COTE Top 10 Award), Tacoma, WA; The Miller Hull Partnership, Seattle, WA; 2000-2003.
44. Teton Science School, Jackson Hole, WY; Mithun Architects, Seattle, WA; 2002-2003.
45. Stephen Epler Hall at Portland State University (LEED-NC, Silver), Portland, OR; Mithun Architects, Seattle, WA; 2001-2003.
46. Merrill Hall Center for Urban Horticulture (LEED-NC, Silver), Seattle, WA; The Miller Hull Partnership, Seattle, WA; 2003.
47. Ebsworth Residence, Seattle, WA; Olson Sundberg Kundig Allen, Seattle, WA; 2001.
48. Tacoma Art Museum, Tacoma, WA; Antoine Predock, Albuquerque, NM and Olson Sundberg Kundig Allen, Seattle, WA; 2000-2001.

49. American Honda Regional Training & Distribution Center (LEED-NC, Gold), Portland, OR; Group MacKenzie Architects Portland, OR; 2000-2001.
50. Seattle City Hall (LEED-NC, Gold), Seattle, WA; Bohlin Cywinski Jackson Architects, Seattle, WA; 2000-2001.

PHILANTHROPY

Gifts Received in Support of Students, Staff and Faculty as University of Nebraska as Dean:

Secured over \$8.45M in gifts (2023-present) in support of students, staff, and faculty as dean at University of Nebraska.

Gifts Received in Support of Teaching/Research Teams as Institute/Center/Lab Director:

Secured over \$1.67M in gifts (2004-present) in support of research and teaching; while directing the UO-Energy Studies in Buildings Laboratory (2015-2022; \$1,519,500) and UI-Integrated Design Lab (2004-2015; \$154,156).

1. *"Cash Gift"* from Northwest Energy Efficiency Alliance to University of Oregon Energy Studies in Buildings Laboratory, \$110,000; 2022.
2. *"Cash Gift"* to College of Design Institute for Health in the Built Environment; Calendar year beginning May 2022:
 - a. \$40,000 from Nike
 - b. \$40,000 from Velux
 - c. \$40,000 from Swinerton
 - d. \$15,000 from Poppy
 - e. \$6,000 from SRG Partnership
 - f. \$6,000 from PAE Engineers
3. *"Cash Gift"* from Northwest Energy Efficiency Alliance to University of Oregon Energy Studies in Buildings Laboratory, \$110,000; 2021.
4. *Cash Gift"* to College of Design Institute for Health in the Built Environment; Calendar year beginning May 2021:
 - a. \$35,000 from Nike
 - b. \$40,000 from Velux
 - c. \$35,000 from Swinerton
 - d. \$20,000 from Condair
 - e. \$6,000 from SRG Partnership
 - f. \$6,000 from Perkins + Will
 - g. \$6,000 from PAE Engineers
 - h. \$5,000 from ENNE Arquitectos
 - i. \$3,500 from EnviralTech
 - j. \$2,500 from Dwyer International
5. *"Cash Gift"* from Northwest Energy Efficiency Alliance to University of Oregon Energy Studies in Buildings Laboratory, \$110,000; 2020.
6. *Cash Gift"* to College of Design Institute for Health in the Built Environment; Calendar year beginning May 2020:
 - a. \$50,000 from Anonymous

- b. \$35,000 from Nike
 - c. \$35,000 from Velux
 - d. \$35,000 from Swinerton
 - e. \$15,000 from Condair
 - f. \$6,000 from SRG Partnership
 - g. \$6,000 from Perkins + Will
 - h. \$6,000 from PAE Engineers
 - i. \$6,000 from Scott Edwards Architects
 - j. \$5,000 from Ankrom Moisan
 - k. \$4,500 from TRC
 - l. \$2,500 from Covicat
 - m. \$2,500 from Mechoshade
 - n. \$2,500 from Z BioSciences
7. *"Cash Gift"* to College of Design Institute for Health in the Built Environment; Calendar year beginning May 2019:
- a. \$35,000 from View Dynamic Glazing
 - b. \$35,000 from Microsoft
 - c. \$35,000 from Nike
 - d. \$5,000 from Hickock Cole
 - e. \$6,000 from SRG Partnership
 - f. \$6,000 from Perkins + Will
 - g. \$6,000 from PAE Engineers
 - h. \$6,000 from Scott Edwards Architects
 - i. \$2,500 from Center of Design for an Aging Society
 - j. \$2,500 from Ankrom Moisan Architects
 - k. \$2,500 from Mechoshade
 - l. \$2,500 from Z BioSciences
 - m. \$2,500 from CO Architects
 - n. \$2,500 from Rudy Munzell
8. *"Cash Gift"* to College of Design Institute for Health in the Built Environment; Calendar year beginning April 2018:
- a. \$35,000 from Siemens Industry Inc
 - b. \$15,000 from Method Soap People Against Dirty
 - c. \$5,000 from SRG Partnership
 - d. \$5,000 from EYP Architecture & Engineering
 - e. \$5,000 from Perkins + Will
 - f. \$5,000 from PAE Engineers
 - g. \$5,000 from Scott Edwards Architects
 - h. \$2,500 from Point Energy Innovations
 - i. \$2,500 from Lacey Glass
 - j. \$2,500 from Skanska
 - k. \$2,500 from Center of Design for an Aging Society

- l. \$2,500 from SERA Architects
- m. \$2,500 from Ventacity
- 9. "Cash Gift" from Northwest Energy Efficiency Alliance to University of Oregon Energy Studies in Buildings Laboratory, \$275,000; 2018-2019.
- 10. "Cash Gift" from Northwest Energy Efficiency Alliance to University of Oregon Energy Studies in Buildings Laboratory, \$275,000; 2016-2017.

Tenured 12/15/2015; University of Oregon

- 11. "Equipment Gift" from the Northwest Energy Efficiency Alliance to the University of Idaho Integrated Design Lab, \$24,556; 2015.
- 12. "Cash Gift" from Northwest Energy Efficiency Alliance to University of Idaho Integrated Design Lab, \$117,600; 2015.

Tenured 7/1/2013; University of Idaho

- 13. "Cash Gift" from Boise Cascade, NEEA, HDR, and CTA to University of Idaho Integrated Design Lab for demonstration at the new lab facility, \$5,000; 2011.
- 14. "Cash Gift" from Intermountain Gas Company to University of Idaho Integrated Design Lab, \$10,000; 10/2004.

GRANTS AND CONTRACTS AWARDED

Secured over \$39.73M in externally funded research and outreach (2004-present); while serving as Dean of Architecture at the University of Nebraska (2023-present; \$0.68M); while directing IHBE/BioBE/ESBL at UO (2015-2022; \$31,948,048), and while directing UI-Integrated Design Lab (2004-2015; \$7.1M).

1. *Title – Study of the multi-zone transmission of bioaerosols in an environmentally controlled chamber with human participants diagnosed with Influenza/RSV/COVID-19*
Contract with: Balvi.io, Balvi Pte Ltd, Balvi Filantropic Fund
Dates: 4/1/2023-10/31/2025
Amount: \$548,000
 Co-PI: Kevin Van Den Wymelenberg
 Co-PI: Joshua Santarpia
 Co-I: Hooman Parhizkar
2. *Title –www.SafeAirSpaces.com Webtool Development*
Contract with: Balvi.io, Balvi Pte Ltd, Balvi Filantropic Fund
Dates: 10/15/2022-4/15/2023
Amount: \$25,000
 PI: Kevin Van Den Wymelenberg
 Co-PI: Hooman Parhizkar
3. *Title –Build Back Better with Mass Timber – Oregon Acoustics Research Laboratory*
Contract with: U.S. Economic Development Administration
Dates: 12/15/2022-12/14/2026
Amount: \$ 14,596,800 to University of Oregon; part of \$41.4M Award to Oregon Mass Timber Coalition
 PI: Cassandra Mosely, Interim Vice President of Research
 Co-PI: Kevin Van Den Wymelenberg
 Co-PI: Judith Sheine

4. *Title – Build Back Better with Mass Timber – Mass Timber Affordable Housing Prototyping*
Contract with: U.S. Economic Development Administration
Dates: 12/15/2022-12/14/2024
Amount: \$2,000,000
PI: Cassandra Mosely, Interim Vice President of Research
Co-PI: Judith Sheine
Co-PI: Kevin Van Den Wymelenberg
5. *Title – Build Back Better with Mass Timber – Mass Timber Affordable Housing Prototyping*
Contract with: Business Oregon University Innovation Research Fund
Dates: 12/15/2022-12/14/2026
Amount: \$3,974,700 to University of Oregon; part of \$5.925M Award to UO and OSU
PI: Cassandra Mosely, Interim Vice President of Research, University of Oregon
Co-PI: Iain MacDonald & Erica Fisher, Oregon State University
Co-PI: Judith Sheine, Kevin Van Den Wymelenberg
6. *Title – Taskshade LLC*
Contract with: UO Innovation Partnership Services, Taskshade LLC
Dates: 04/1/2022-09/30/2022
Amount: \$39,000
PI: Kevin Van Den Wymelenberg, via Taskshade LLC
7. *Title – OR Codes: Oregon residential energy code comparison to federal minimum requirements (AMD 1)*
Contract with: State of Oregon, Oregon Department of Energy
Dates: 04/18/2022-08/31/2022
Amount: \$31,300
PI: Kevin Van Den Wymelenberg
Co-PI:
8. *Title – HomeWork: Milwaukie Courtyard Housing Project (MCHP) Energy Analysis*
Contract with: HomeWork, subaward. Parent funder, Energy Trust of Oregon Inc.
Dates: 02/14/2022-12/31/2022
Amount: \$33,000
PI: Mark Fretz
Co-PI: Kevin Van Den Wymelenberg
9. *Title – TDI: Forest to Facade - Developing Seismic + Energy Mass Timber Commercial Facade Retrofits*
Contract with: Tallwood Design Institute, Oregon State University
Dates: 07/01/2022-06/30/2024
Amount: \$150,000
PI: Mark Fretz
Co-PI: Kevin Van Den Wymelenberg, Judith Sheine
10. *Title – TDI: Reuse Potential of Mass Timber Constructions*
Contract with: Tallwood Design Institute, Oregon State University
Dates: 09/15/2022-09/14/2024
Amount: \$60,000
PI: Mark Fretz

Co-PI: Judith Sheine, Kevin Van Den Wymelenberg

11. *Title – Nike Sustainable Building Materials Guide*
Contract with: Nike, Inc.
Dates: 10/01/2020-12/31/2021
Amount: \$50,000
PI: Kevin Van Den Wymelenberg
Co-PI: Mark Fretz
12. *Title – Port of Portland: Mass Timber Coalition*
Contract with: Port of Portland
Dates: 01/01/2022-12/31/2022
Amount: \$60,000 (\$20,000 to ESBL)
PI: Judith Sheine
Co-PI: Mark Fretz, Kevin Van Den Wymelenberg
13. *Title – Shortstack: Mass plywood panel (MPP) missing middle housing research and development*
Contract with: Shortstack Housing LLC subaward. Parent funder USDAFS WIG
Dates: 11/01/2021-12/31/2022
Amount: \$39,974
PI: Mark Fretz
Co-PI: Judith Sheine, Kevin Van Den Wymelenberg
14. *Title – STTR Subaward: Health effects of indoor air contaminants on People in different Building Types, Clean Air Management System (CAMS)*
Contract with: Burch Energy Services, LLC, subaward. Parent funder, USDOE SBIR
Dates: 07/01/2021-06/30/2022
Amount: \$60,000
PI: Kevin Van Den Wymelenberg
15. *Title – DE: Integrated Health and Energy Levers to Promote Climate Benefits, Community Integrated Health and Energy Levers to Promote Climate Benefits, Community Resilience, and Public Health (I-HELP Community)*
Contract with: Diversifying Energy contract. Parent funder Portland General Electric Company
Dates: 07/01/2021-06/30/2022
Amount: \$32,009
PI: Kevin Van Den Wymelenberg
16. *Title – Onsite: Indoor Air Quality Assessment of PhotoCatalytic Oxidation (PCO)*
Contract with: Genesis Air
Dates: 03/29/2021-09/30/2021
Amount: \$98,520
PI: Kevin Van Den Wymelenberg
17. *Title – DB Engineering: Indoor Air Quality Assessment of Dielectric Bipolar Ionization (DBPI)*
Contract with: DB Engineering
Dates: 03/11/2021-08/31/2021
Amount: \$74,954
PI: Kevin Van Den Wymelenberg

Co-PI: Mark Fretz

18. *Title – CFSRI: Impact of school facilities on student engagement and learning*
Contract with: California School Facilities Research Institute
Dates: 3/2021-10/2021
Amount: \$50,000
PI: Alison Kwok
Co-PI: Kevin G. Van Den Wymelenberg, Mark Fretz, John Seeley
19. *Title – Smith’s Detection Environmental Detection of SARS-CoV-2 from Occupants with COVID-19*
Contract with: Smith’s Detection
Dates: 2/2021-12/2021
Amount: \$78,832
PI: Kevin G. Van Den Wymelenberg
20. *Title – DHS-OHA: Improving ventilation and environmental disinfection in the long-term care setting to reduce exposure to SARS-CoV-2*
Contract with: Center for Disease Control via OR Department of Human Services, Oregon Health Authority
Dates: 2/2021-7/2024
Amount: \$174,998
PI: Kevin G. Van Den Wymelenberg
21. *Title – Integration of HDR Imaging with Infrared Thermostat Dynamic Façade & Electric Lighting Control*
Contract with: Murdock Charitable Trust and Avista Corporation via University of Idaho
Dates: 7/2020-6/2021
Amount: \$62,000 total, UO share \$15,000
PI: Damon Woods, University of Idaho
UO PI: Kevin G. Van Den Wymelenberg
22. *Title – Microbial Genomic, Transcriptomic, and Survival Response to Common Built Environment Lighting*
Contract with: National Science Foundation
Dates: 11/2020-12/2025
Amount: \$325,000 (\$188,889 @ UO, \$136,111@ UNL)
PI: Kevin G. Van Den Wymelenberg
Co-PI: Jonathan Eisen, UC Davis
23. *Title – Overcoming market barriers to increase use of structural mass timber in healthcare environments*
Contract with: USDA Forest Service, Wood Innovations
Dates: 09/2020-08/2022
Amount: \$249,942
PI: Kevin G. Van Den Wymelenberg
Co-PI: Mark Fretz
Co-PI: Gwynne Á. Mhuireach
24. *Title – Developing an application for mass plywood panels in seismic and energy wall retrofits*
Contract with: USDA Forest Service, Wood Innovations
Dates: 11/2020-10/2023
Amount: \$249,962
PI: Mark Fretz

OSU PI: Andre Barbosa

Co-PI: Judith Sheine

Co-PI: Jason Stenson

Co-PI: Kevin G. Van Den Wymelenberg

25. *Title – Carbon Narratives for Design Planning*

Contract with: USDA Forest Service, Agricultural Research Station, via OSU & TallWood Design Institute

Dates: 09/2020-08/2022

Amount: \$184,327

PI: Mark Fretz

Co-PI: Alison Kwok, Kevin G. Van Den Wymelenberg

26. *Title – Nike Indoor Environmental Quality Standards Update*

Contract with: Nike Inc.

Dates: 1/2021-12/2021

Amount: \$48,729

PI: Kevin G. Van Den Wymelenberg

27. *Title – EHCS: Missing links in characterization of viral aerosols and indoor transmission risks*

Contract with: NIEHS via Oregon State University, Environmental Health Sciences Center

Dates: 12/2020-11/2021

Amount: \$25,000

PI: Kevin G. Van Den Wymelenberg

Co-PI: Hooman Parhizkar

28. *Title – UV Disinfection Literature Review*

Contract with: Department of Defense via National Institute of Building Sciences and Clanton & Associates

Dates: 10/2020-12/2020

Amount: \$25,000

PI: Kevin G. Van Den Wymelenberg

29. *Title – Thermo Fisher Air Sampler for SARS-CoV-2 Detection for Environmental Screening of COVID-19*

Contract with: Thermo Fisher Scientific

Dates: 9/2020-6/2022

Amount: \$1,442,794

PI: Kevin G. Van Den Wymelenberg

30. *Title – The impact of species, coatings, and RH on microbial community structure in mass timber products*

Contract with: USDA Forest Service, Agricultural Research Station, via OSU & TallWood Design Institute

Dates: 7/2020-6/2022

Amount: \$250,000, UO share \$159,999

PI: Kevin G. Van Den Wymelenberg

OSU PI: Gerald Presley

31. *Title – Western States Building Energy & Controls Apprenticeship Program*

Contract with: US Department of Energy via Lance Community College

Dates: 6/2020-5/2023

Amount: \$350,000; UO Share, \$150,000

PI: Roger Ebbage (Lane Community College)

UO PI: Kevin G. Van Den Wymelenberg

32. *Title – Micro-acoustic floor-ceiling test chamber*

Contract with: USDA Forest Service, Agricultural Research Station, via OSU & TallWood Design Institute

Dates: 7/2020-6/2021

Amount: \$30,000

PI: Kevin G. Van Den Wymelenberg

33. *Title – Brown Paper Bag PPE Safety and Effectiveness in Healthcare Settings*

Contract with: Oregon Health & Science University

Dates: 6/2020-11/2020

Amount: \$74,913; UO Share, \$21,528

PI: Bory Kea

UO PI: Kevin G. Van Den Wymelenberg

34. *Title – Piloting real-time environmental monitoring & identification of SARS-CoV-2 in the Hospital Built Environment*

Contract with: Oregon Health & Science University

Dates: 6/2020-11/2020

Amount: \$75,000; UO Share, \$58,675

PI: Robert Martindale

UO PI: Kevin G. Van Den Wymelenberg

35. *Title – Lighting Futures: Higher Education*

Contract with: Lutron Corporation

Dates: 1/2020-12/2020

Amount: \$10,000

PI: Kevin G. Van Den Wymelenberg

Co-PI: Siobhan Rockcastle

36. *Title – Human Impacts of Environmental Factors*

Contract with: Lutron Corporation

Dates: 1/2020-12/2020

Amount: \$15,000

PI: Kevin G. Van Den Wymelenberg

Co-PI: Siobhan Rockcastle

37. *Title – UO RESILIENCE 2019 SEED – Grid Enhancing Resilient Housing; Award with: University of Oregon*

Dates: 1/2020-12/2021

Amount: \$49,412

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Dr. Kory Russel, Heather Brinton, Joshua Skov

38. *Title - KalWall Testing Polycarbonate with Gonio-Photometer at LBNL*

Contract with: KalWall Corporation

Dates: 0/2019-06/2020

Amount: \$24,777

PI: Kevin G. Van Den Wymelenberg

39. *Title - Siemens: Quantifying the Non-Energy Benefits of End-to-End Digitization of the Maintenance*

Contract with: Siemens Corporation

Dates: 9/2019-5/2021

Amount: \$65,561

PI: Kevin G. Van Den Wymelenberg

40. *Title – Putting the Design Back into Daylighting Design Analysis & Current Trends in Daylighting*

Contract with: Pacific Gas & Electric, Pacific Energy Center

Dates: 9/2019 – 12/2019

Amount: \$18,000

PI: Kevin G. Van Den Wymelenberg

Co-I: Siobhan Rockcastle

41. *Title – 2019 UO-OHSU Seed Grant Phase 2 - Predicting Healthcare-Associated Clostridioides Difficile*

Infection Probabilities in Inpatient Units; Award with: University of Oregon and Oregon Health Sciences

University Collaborative Seed Grant Program

Dates: 7/2019-6/2020

Amount: \$47,121

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Dr. Robert Martindale (OHSU)

42. *Title – TCORE Visual Comfort Study*

Contract with: ZGF Architects

Dates: 7/2019 – 9/2019

Amount: \$26,000

PI: Siobhan Rockcastle

Co-I: Kevin G. Van Den Wymelenberg

43. *Title - OHSU Sink Splash Zone Investigation and Behavioral Monitoring on 14K Oncology Unit*

Contract with: OHSU Infection Prevention

Dates: 6/2019-6/2019

Amount: \$3,860

PI: Kevin G. Van Den Wymelenberg

44. *Title - TDI Acoustical Field Testing of Mass Timber Buildings*

Contract with: US Dept. of Agriculture ARS via PTE Oregon State University

Dates: 6/2019-06/2020

Amount: \$25,000 (with \$11,875 UO Match for total 36,875)

PI: Kevin G. Van Den Wymelenberg

45. *Title – Facilitation of Acoustics Testing for Sustainable Mass Timber Technologies, Leading to Publication of Open Source Acoustics Data for Standard Acoustics Scenarios*

Contract with: US Forest Service

Dates: 0/2019-09/2022

Amount: \$250,000

PI: Kevin G. Van Den Wymelenberg

Co-PI: Judith Sheine

46. *Title – Comparing real scenes to HDR photographs on VR, HDR, and LDR Displays*

Contract with: US DOE via Pacific Northwest National Lab

Dates: 3/2019-10/2019

Amount: \$75,000

PI: Siobhan Rockcastle

Co-PI: Kevin G. Van Den Wymelenberg

47. *Title – The role of indoor workplace lighting exposure*

Contract with: Lutron Corporation

Dates: 12/2018-04/2019

Amount: \$9,500

PI: Kevin G. Van Den Wymelenberg

Co-PI: Siobhan Rockcastle

48. *Title – Workplace of the future*

Contract with: Lutron Corporation

Dates: 02/2019-04/2019

Amount: \$10,000

PI: Kevin G. Van Den Wymelenberg

Co-PI: Siobhan Rockcastle

49. *Title – TDI Acoustic Laboratory Construction Support*

Contract with: Internal University of Oregon, TallWood Design Institute

Dates: 1/2019-12/2019

Amount: \$100,000

PI: Kevin G. Van Den Wymelenberg

Co-PI: Judith Sheine

50. *Title – Virtual Lighting Design*

Contract with: Nuckolls Fund for Educational Lighting

Dates: 10/2018 – 9/2019

Amount: \$20,000

PI: Siobhan Rockcastle

Co-I: Kevin G. Van Den Wymelenberg

51. *Title: Various small contracts*

Contract with: Varies

Dates: 2018

Amount: \$17,963 (UO CPM Knight Campus Visual Comfort Analysis, \$10,000; John Rowell 2018 Terminal Studio Integrated Design Unthank Studio Support, \$5,000; SRG Architects Springfield Indoor \$2,963)

52. *Title – TDI Acoustic Laboratory Construction Support*

Contract with: Oregon State University, TallWood Design Institute

Dates: 9/2018-12/2018

Amount: \$50,000

PI: Kevin G. Van Den Wymelenberg

53. *Title – TDI Acoustic Lab Testing of Typical Multi-family Residential CLT Wall and Floor Assemblies*

Contract with: Oregon State University, TallWood Design Institute

Dates: 5/2018-12/2018

Amount: \$138,350 (+\$25,000 direct invoiced to OSU)

PI: Kevin G. Van Den Wymelenberg

54. *Title – HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*

Contract with: Pacific Gas & Electric, Pacific Energy Center

Dates: 10/2018

Amount: \$14,500

PI: Kevin G. Van Den Wymelenberg

55. *Title – 2018 UO-OHSU Seed Grant - Predicting Healthcare-Associated Clostridioides Difficile Infection*

Probabilities in Inpatient Units; Award with: University of Oregon and Oregon Health Sciences University Collaborative Seed Grant Program

Dates: 7/2018-6/2019

Amount: \$50,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Dr. Robert Martindale (OHSU)

56. *Title – High Impact Opportunity Project – OIC Acoustics Chamber*

Contract with: Business Oregon

Dates: 4/2018-7/2019

Amount: \$702,218

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Judith Sheine

57. *Title – Published Monitored Spectral Power Distribution Data*

Contract with: The Dyson Corporation

Dates: 4/2018-7/2018

Amount: \$9,736

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Frank Vignola

58. *Title – Research and Development of Isocyanate-free and Formaldehyde-free Adhesives for CLT and*

Contract with: US Dept. of Agriculture ARS via PTE Oregon State University

Dates: 7/2018-6/2020

Amount: 150,000 (total award; UO Award 50,000; Additional UO cost-share \$12,500)

PI: Kaichang Li

Co-Investigators : Kevin G. Van Den Wymelenberg

UO PI: Kevin G. Van Den Wymelenberg

59. *Title – Views and Shades Annotated Bibliography: Health, Comfort, Productivity and Organizational Commitment*

Contract with: Lutron Corporation

Dates: 03/2018-03/2019

Amount: \$12,500

PI: Kevin G. Van Den Wymelenberg

60. *Title – Testing BetterAir Environmental Probiotic Treatments*

Contract with: BetterAir North America LLC

Dates: 1/2018-12/2018

Amount: \$57,164

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Jessica Green

61. *Title – Northwest Energy Efficiency Alliance Integrated Design Lab*

Contract with: Northwest Energy Efficiency Alliance (NEEA)

Dates: 1/2018-12/2021

Amount: \$646,977

PI: Kevin G. Van Den Wymelenberg

62. *Title: Various small contracts*

Contract with: Varies

Dates: 2017

Amount: \$11,624 (SRG Architects, UC San Diego Equine Performance Center Consultation \$2,000; YBA Architects Rockwood Consultation \$1,000; Energy Trust of Oregon, Natural Ventilation Training \$1500; Frerking Architects, Barbour Radiant Wall Consultation \$1,406; Ivon Studio, \$1,000; Solarc Energy Group, \$4,718; Sheine 2017 Lane County Courthouse Studio Integrated Design Support, \$5,000)

63. *Title – Biology and Built Environment (BioBE) Center*

Contract with: Alfred P. Sloan Foundation

Dates: 11/2017-10/2019

Amount: \$999,998

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Jessica Green, Erica Hartmann (Northwestern) Curtis Huttenhower (Harvard)

64. *Title – 2014 OEESC & ASHRAE 90.1 2013 Energy Consumption Comparisons – Task Order #3*

Contract with: State of Oregon – Oregon Department of Energy

Dates: 11/2017-12/2018

Amount: \$40,974

PI: Kevin G. Van Den Wymelenberg

65. *Title – King County Jameson ArcWeld Replacement – Qualitative Design Assistance*

Contract with: MWA Architects

Dates: 11/2017-10/2018

Amount: \$10,000

PI: Kevin G. Van Den Wymelenberg

66. *Title – Visible Spectral Transmission and Color Rendering Index*

Contract with: Kalwall Corporation

Dates: 10/2017-08/2018

Amount: \$15,250

Amount: \$12,250

Amount: \$3,051

PI: Kevin G. Van Den Wymelenberg

67. *Title – HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*

Contract with: Pacific Gas & Electric, Pacific Energy Center

Dates: 11/2017

Amount: \$19,300

PI: Kevin G. Van Den Wymelenberg

68. *Title – Define & Validate Algorithm for Predicting Absolute Spectral Irradiance for Daylight*
Contract with: The Dyson Corporation
Dates: 9/2017-12/2017
Amount: \$17,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Frank Vignola
69. *Title – Diversifying Cropping Systems Through Cover Crops and Targeted Grazing: Impacts on plant-microbiome-insect interactions, yield and economic returns*
Contract with: Montana State University
Dates: 09/2017-08/2020
Amount: \$19,153
PI: Sue Ishaq Pellegrini
Co-Investigators: Kevin G. Van Den Wymelenberg
70. *Title – Wellspring Consulting with UO ESBL and BioBE Center*
Contract with: Alfred P. Sloan Foundation
Dates: 8/2017-7/2018
Amount: \$125,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Jessica Green
71. *Title – PCC vs. R&H - ESBL Testimony*
Contract with: Lorber, Greenfield, & Polito, LLP
Dates: 7/2017-12/2017
Amount: \$6,934
PI: Kevin G. Van Den Wymelenberg
- a. Continuation of: *Title – PCC Newberg Construction Moisture Analysis*
Contract with: Miller Nash Graham & Dunn LLP
Dates: 4/2016-8/2017
Amount: \$177,937
PI: G.Z. Brown
Lab Unit Head: Kevin G. Van Den Wymelenberg
72. *TallWood Supplemental Research Proposal*
Contract with: State of Oregon via PTE Oregon State University
Dates: 5/2017-6/2020
Amount: \$165,523 (*Smart CLT Supplement \$16,500; Tallwood IAQ Supplement \$7,500; Living Lab @ Peavy Hall Supplement \$19,000; Acoustics Testing \$115,023*)
PI: Kevin G. Van Den Wymelenberg
73. *Title – Net-Zero Energy TallWood Design*
Contract with: US Dept. of Agriculture ARS via PTE Oregon State University
Dates: 7/2017-6/2019
Amount: \$188,923 (*\$150,000 UO requested, \$38,923 UO cost-share*)
PI: Kevin G. Van Den Wymelenberg
74. *TallWood Buildings and Indoor Environmental Quality*

Contract with: US Dept. of Agriculture ARS via PTE Oregon State University

Dates: 7/2017-6/2018

Amount: \$31,250 (\$25,000 UO requested, \$6,250 UO cost-share)

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Jessica L. Green

75. *Title – Living Lab @ Peavy Hall: Structural Health Performance of Mass Timber Buildings*

Contract with: US Dept. of Agriculture ARS via SubAward from Oregon State University

Dates: 7/2017-6/2020

Amount: \$16,458 (\$12,500 UO requested, \$3,958 UO cost-share; \$250,000 with Co-PIs)

PI: Kevin G. Van Den Wymelenberg

76. *Title – HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*

Contract with: Pacific Gas & Electric, Pacific Energy Center

Dates: 9/2016

Amount: \$15,632

PI: Kevin G. Van Den Wymelenberg

77. *Title – 2016 Incubating Interdisciplinary Initiatives (I 3) Award - Personalized Thermal Comfort in the Built Environment*

Award with: University of Oregon Office of the Vice President for Research and Innovation

Dates: 9/2016-8/2017

Amount: \$50,000

PI: Christopher Minson

Co-Investigators: John Halliwill, Susan Sokolowski, Kevin G. Van Den Wymelenberg

78. *Title – Dyson Hygiene and Hand Drying*

Contract with: The Dyson Corporation

Dates: 8/2016-7/2017

Amount: \$35,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Jessica L. Green

79. *Title – UO Energy Reports Annotated Bibliography*

Contract with: UO Campus Operations

Dates: 7/2016-11/2016

Amount: \$7,500

PI: Kevin G. Van Den Wymelenberg

80. *Title – UO Tykeson Hall Design Assistance*

Contract with: UO Campus Operations

Dates: 7/2016-2/2017

Amount: \$12,000

PI: Kevin G. Van Den Wymelenberg

81. *Title – Design, Manufacture, and Construction of Next Generation Tall Wooden Buildings - SMART-CLT – Structural Health Monitoring and Post-Occupancy Performance of Mass Timber Buildings*

Contract with: US Dept. of Agriculture ARS via PTE Oregon State University

Dates: 3/2016-2/2018

Amount: 147,497 (total award; UO Award 49,648; Additional UO cost-share \$51,283)

PI: Mariapaola Riggio

Co-Investigators : Paul Laeicke; Andre Barbosa, Kevin G. Van Den Wymelenberg

UO PI: Kevin G. Van Den Wymelenberg

82. Title – CLT Parking Structure Springfield Design Assistance

Contract with: SRG Partnership

Dates: 3/2016-3/2018

Amount: \$39,000

PI: G.Z. Brown

Lab Unit Head: Kevin G. Van Den Wymelenberg

83. Title – Energy Project Scoping for UO Internal Carbon Tax Program

Contract with: UO Campus Operations

Dates: 11/2015-5/2016

Amount: \$15,000

PI: Kevin G. Van Den Wymelenberg

Tenured 12/15/2015; University of Oregon (above)

84. Title – 2014 OEESC & ASHRAE 90.1 2013 Energy Consumption Comparisons – Task Order 1 & Task Order 2

Contract with: State of Oregon – Oregon Department of Energy

Dates: 9/2015-12/2016

Amount: \$42,151

PI: Kevin G. Van Den Wymelenberg

85. Title – Climate Chamber Testing for Simplicity Product Development

Contract with: Simplicity Product Development (task order 1 & 2)

Dates: 7/2015-11/2015

Amount: \$24,309

PI: Kevin G. Van Den Wymelenberg

86. Title – Multnomah County Courthouse Design Assistance

Contract with: Energy Trust of Oregon via SRG Partnership

Dates: 12/2015-11/2016

Amount: \$40,000

PI: Kevin G. Van Den Wymelenberg

87. Title – The Impact of Weatherization on Microbial Ecology and Human Health

Contract with: Environmental Protection Agency

Dates: 5/2015-4/2018

Amount: \$996,911

PI: G.Z. Brown

Co-Investigators: Jessica L. Green, Deborah Johnson-Shelton (Oregon Research Institute), Kevin G. Van Den Wymelenberg

Lab Unit Head: Kevin G. Van Den Wymelenberg

88. Title – Biology and Built Environment (BioBE) Center

Contract with: Alfred P. Sloan Foundation

Dates: 9/2015-10/2017

Amount: \$1,325,000

PI: Kevin G. Van Den Wymelenberg (8/2016-10/2017)

PI: Jessica L. Green (9/2015-8/2016)

Co-Investigators: G.Z Brown, Rolf Halden (ASU), Curtis Huttenhower (Harvard), Jessica Green, Kevin G. Van Den Wymelenberg

89. *Title - "Faculty Exchange Agreement"*

Contract with: The University of Idaho

Dates: 6/2015-9/2015

Amount: \$32,108

PI: Kevin G. Van Den Wymelenberg

90. *Title – Northwest Energy Efficiency Alliance Integrated Design Lab*

Contract with: Northwest Energy Efficiency Alliance

Dates: 1/2015-12/2017

Amount: \$333,693

PI: Kevin G. Van Den Wymelenberg (2016-2017)

PI: G.Z. Brown (2015)

91. *Title – Jefferson Library Design Assistance*

Contract with: Energy Trust of Oregon via Rowell Brokaw Architects

Dates: 1/2015-12/2017

Amount: \$15,000

PI: Kevin G. Van Den Wymelenberg

Non-Tenured 6/15/2015; University of Oregon (above)

92. *Title – Achieving Regional Energy Efficiency Potential in the Northwest –State of Idaho M&V + Diagnostics & EE Community Renewal Action Plan*

Contract with: US Department of Energy via the Northwest Energy Efficiency Alliance

Dates: 4/2015-8/2015

Amount: \$24,984

PI: Brad Acker

Co-Investigators: Kevin G. Van Den Wymelenberg

93. *Title – Advanced Energy Efficiency 2015*

Contract with: Idaho Power Company

Dates: 2/2015-12/2015

Amount: \$401,720

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker, Katrina Lechlitter, Elizabeth Cooper

94. *Title – Integrated Design Lab 2015-2017*

Contract with: Northwest Energy Efficiency Alliance

Dates: 1/2015-12/2017

Amount: \$232,200

PI: Kevin G. Van Den Wymelenberg (Served as PI until June 2015, then in consulting capacity)

Co-Investigators: Brad Acker, Katrina Lechlitter, Elizabeth Cooper

95. *Title – College of Southern Idaho Master Plan*

Contract with: CTA Architects and Engineers

Dates: 4/2015-6/2015

Amount: \$5,091

PI: Kevin G. Van Den Wymelenberg

96. *Title: 2015 Regional Technical Forum*

Contract with: Northwest Power and Conservation Council

Dates: 01/2014 – 12/2014

Amount: \$10,500

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

97. *Title – IBOA-IBOA Training*

Contract with: International Building Operators of America

Dates: 9/2014-6/2015

Amount: \$11,000

PI: Kevin G. Van Den Wymelenberg

98. *Title: IES Daylight Educational Tour*

Contract with: Illuminating Engineering Society of North America

Dates: 7/2014-6/2015

Amount: \$10,500

PI: Kevin G. Van Den Wymelenberg

99. *Title: Various small contracts*

Contract with: Varies

Dates: 2014

Amount: \$31,297 (CTA CWI Campus Master Plan \$5,000; Britt Makela 2009 IECC Non-Compliance \$4,000; New Buildings Institute Fiji Energy Code \$12,000; CSHQA B2 Optimization, \$1,994; Simplot HQ Optimization, \$8,303)

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Varies

100. *Title: OER Rural Scoping Studies*

Contract with: DOE via, Idaho Office of Energy Resources

Dates: 08/2014 – 6/2015

Amount: \$15,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

101. *Title: Simulation-Based Commissioning of Energy Management Control Systems*

Contract with: Avista Utilities

Dates: 07/2014 – 6/2015

Amount: \$50,847

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

102. *Title: 2014 Regional Technical Forum*

Contract with: Northwest Power and Conservation Council

Dates: 01/2014 – 12/2014

Amount: \$15,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

Tenured 7/1/2013; University of Idaho (above)

103. Title: Various small contracts

Contract with: Varies

Dates: 2013

Amount: \$82,834 (Britt Makela Tropical Energy Code Simulation \$7,500, NBBJ UI-IRIC \$17,518, ICRMP \$3,664, Christensen Corp NrZEB \$5,458, Oppenheimer One Capital Plaza \$6,429, Oppenheimer Wells Fargo \$4,526, AEC Remote Assistance \$3,000, Domingo Gonzales Associates \$9,158, UI-Executive Residence with Hummel \$5,581)

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Varies

104. Title: IES Daylight Educational Tour

Contract with: Illuminating Engineering Society of North America

Dates: 7/2013-6/2014

Amount: \$21,000

PI: Kevin G. Van Den Wymelenberg

105. Title: 2013 Regional Technical Forum

Contract with: Northwest Power and Conservation Council

Dates: 01/2013 – 12/2013

Amount: \$19,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

106. Title: 2013 Kilowatt Crackdown Energy Star Certifications & Mini-scoping Studies

Contract with: Northwest Energy Efficiency Alliance

Dates: 01/2013 – 12/2013

Amount: \$17,545

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

107. Title: Kilowatt Crackdown Competition – 2013

Contract with: JDM Associates

Dates: 01/2013 – 07/2013

Amount: \$53,250

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker, Julia Day

108. Title: Idaho Residential Duct Sealing Energy Effectiveness

Contract with: Association of Idaho Cities

Dates: 01/2013 – 02/2013

Amount: \$7,500

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Jake Dunn

109. Title: Advanced Energy Efficiency – 2013-2014

Contract with: Idaho Power Company

Dates: 01/2013 – 1/2015

Amount: \$786,600

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Ery Djunaedy, Gunnar Gladics, Jake Dunn, Brad Acker, Julia Day

110. Title: Identification of Discomfort Glare Sources from Vertical Fenestration and Occupant Control Scenarios

Contract with: Illuminating Engineering Society of North America

Dates: 11/2012-11/2013

Amount: \$25,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Ery Djunaedy; Mark Changizi, O2Amp

111. Title: Oregon Code Energy Savings Simulation

Contract with: Oregon Department of Energy

Dates: 06/2012 – 09/2012

Amount: \$35,000

PI: Kevin G. Van Den Wymelenberg (for UI-IDL)

Co-Investigators: Ery Djunaedy

112. Title: DOE Industrial Assessment Center

Contract with: US Department of Energy via Boise State University

Dates: 09/2011 – 09/2014

Amount: \$ 145,042, UI-IDL (\$1,500,000 with Co-PIs)

PI: Kevin G. Van Den Wymelenberg (for UI-IDL)

Co-Investigators: John Gardner, BSU (Lead PI); Dev Shrestha, UI; Steve Hatten, BSU; Mary Holfe, ISU)

113. Title: Various small contracts

Contract with: Varies

Dates: 2012

Amount: \$40,104 (\$9,840 Brooks Borg Skiles, \$3,737 Brooks Borg Skiles, \$3,255 Dawson Residence, \$1,700 Simplot, \$6,000 Site-Based Energy, \$4,000 IPC Residential Lectures, \$6,000 JDM Associates, Britt Makela \$5,572)

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Varies

114. Title: Boise City Residential Audits Review

Contract with: Idaho Power Company

Dates: 04/2012 – 9/2012

Amount: \$20,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

115. Title: Summary of 2011 Residential Economizer Study

Contract with: Northwest Energy Efficiency Alliance

Dates: 05/2012 – 12/2012

Amount: \$4,500

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

116. Title: 2012-2013 Evaporative Roof-top Unit Efficiency M&V

Contract with: Northwest Energy Efficiency Alliance

Dates: 05/2012 – 12/2013

Amount: \$37,500

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

117. Title: 2012 Variable Roof-top Unit Efficiency M&V

Contract with: Northwest Energy Efficiency Alliance

Dates: 05/2012 – 12/2014

Amount: \$27,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

118. Title: 2012 Regional Technical Forum

Contract with: Northwest Power and Conservation Council

Dates: 01/2012 – 12/2012

Amount: \$13,500

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

119. Title: Technical support for building energy codes - 2012

Contract with: Association of Idaho Cities

Dates: 01/2012 – 12/2012

Amount: \$13,000

PI: Kevin G. Van Den Wymelenberg

120. Title: Residential Economizer 2012 Summer M&V

Contract with: Idaho Power Company

Dates: 04/2012 – 12/2012

Amount: \$70,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

121. Title: Various small contracts

Contract with: Varies

Dates: 2011

Amount: \$115,429 (\$7,000 Modus, \$41,500 Energy Plus trainings, \$5,000 K Energy, \$13,619 NBI, \$12,500 BPA, \$3,500 IES podcasts, \$14,995 NPCC, donations)

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Varies

122. Title: National Energy Leadership Corps, Residential Energy Audit Process

Contract with: NREL/PSU/BSU

Dates: 6/2011 – 1/2012

Amount: \$52,000 (UI-IDL)

PI: Kevin G. Van Den Wymelenberg

Co-PI: John Gardner, BSU; Steve Taylor, SmartDwell

123. Title: Targeted Energy Management Toolset for Comfort and Savings Based on Advanced Computational Intelligence Techniques

Contract with: Idaho National Laboratory

Dates: 4/2011 – 9/2013

Amount: \$150,000, UI-IDL (\$550,000 including Co-PIs)

PI: Kevin G. Van Den Wymelenberg (For UI-IDL)

Co-PI: Craig Reiger, INL; John Gardner, BSU; Milos Manic, UI

124. Title: Residential Economizer 2011 Summer M&V

Contract with: Idaho Power Company

Dates: 04/2011 – 12/2011

Amount: \$70,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

125. Title: Integrated Design Lab Boise – 3

Contract with: Northwest Energy Efficiency Alliance

Dates: 01/2011 – 12/2014

Amount: \$1,141,146

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Ery Djunaedy, Gunnar Gladics, Brad Acker, Jake Dunn

126. Title: 2011 Regional Technical Forum

Contract with: Northwest Power and Conservation Council

Dates: 01/2011 – 12/2011

Amount: \$14,995

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

127. Title: Technical support for building energy codes - 2011

Contract with: Association of Idaho Cities

Dates: 01/2011 – 12/2011

Amount: \$25,000

PI: Kevin G. Van Den Wymelenberg

128. Title: Net-zero energy home construction review and market acceptance analysis

Contract with: Northwest Energy Efficiency Alliance

Dates: 10/2010 – 3/2011

Amount: \$15,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Gunnar Gladics

129. Title: Technical support for building energy codes - 2010

Contract with: Association of Idaho Cities

Dates: 09/2010 – 12/2010

Amount: \$15,000

PI: Kevin G. Van Den Wymelenberg

130. Title: eLearning Platform for Lighting and Daylighting

Contract with: Lawrence Berkeley National Lab

Dates: 08/2010 – 06/2012

Amount: \$16,340

PI: Kevin G. Van Den Wymelenberg

131. Title: Green Buildings Services - Simulation Support

Contract with: Green Building Services

Dates: 08/2010 – 10/2010

Amount: \$19,500

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Dr. Ery Djunaedy

132. Title: City of Caldwell Energy Efficiency Education

Contract with: Quality Electric

Dates: 06/2010 – 09/2010

Amount: \$7,500

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Gunnar Gladics

133. Title: Advanced Energy Efficiency - 2

Contract with: Idaho Power Company

Dates: 03/2010 – 12/2012

Amount: \$1,050,000

PI: Kevin G. Van Den Wymelenberg

134. Title: Review of Green Building Policies for Idaho National Laboratory

Contract with: Battelle Energy Alliance, Idaho National Laboratory

Dates: 10/2009 – 11/2009

Amount: \$2,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Gunnar Gladics

135. Title: Daylight Pattern Guide

Contract with: New Buildings Institute

Dates: 07/2009 – 03/2011

Amount: \$108,500

PI: Kevin G. Van Den Wymelenberg

136. Title: Advanced Energy Efficiency

Contract with: Idaho Power Company

Dates: 02/2009 – 12/2009

Amount: \$285,000

PI: Kevin G. Van Den Wymelenberg

137. Title: Developing an Energy Efficiency Research Workshop for Idaho National Laboratory

Contract with: Battelle Energy Alliance, Idaho National Laboratory

Dates: 02/2009 – 04/2009

Amount: \$5,685

PI: Kevin G. Van Den Wymelenberg

138. Title: Energy Efficiency Measurement and Verification

Contract with: Idaho Power Company

Dates: 11/2008 – 12/2008

Amount: \$50,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

139. Title: Energy Simulation Technical Support

Contract with: Engineering Incorporated

Dates: 07/2008 – 12/2008

Amount: \$14,250

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Dr. Ery Djunaedy

140. Title: Daylighting Simulation Technical Support

Contract with: HDR Architecture

Dates: 02/2008 – 04/2008

Amount: \$4,000

PI: Kevin G. Van Den Wymelenberg

141. Title: Endeavor Elementary School Energy Efficiency Demonstration Measurement and Verification

Contract with: Idaho Power Company

Dates: 01/2008 – 04/2008

Amount: \$5,000

PI: Kevin G. Van Den Wymelenberg

142. Title: Foundational Services in Energy Efficiency - 2

Contract with: Idaho Power Company

Dates: 06/2007 – 12/2009

Amount: \$102,200

PI: Kevin G. Van Den Wymelenberg

143. Title: Endeavor Elementary School Energy Efficiency Demonstration Development

Contract with: Northwest Energy Efficiency Alliance

Dates: 06/2007 – 12/2007

Amount: \$10,000

PI: Kevin G. Van Den Wymelenberg

144. Title: Pacific Northwest Carbon Neutral Building Initiative

Contract with: United States Environmental Protection Agency

Dates: 07/2007 – 06/2008

Amount: \$100,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: G.Z. Brown, University of Oregon

145. Title: Energy Efficiency Renovation and Energy Simulation Technical Support

Contract with: St. Al's Regional Medical Center

Dates: 01/2007-12/2007

Amount: \$23,092

PI: Kevin G. Van Den Wymelenberg

146. Title: Energy Efficiency Case Studies

Contract with: Idaho Power Company

Dates: 08/2006 – August 2007

Amount: \$8,500

PI: Kevin G. Van Den Wymelenberg

147. Title: Energy Efficiency Case Studies

Contract with: Northwest Energy Efficiency Alliance

Dates: 08/2006 – 08/2007

Amount: \$10,000

PI: Kevin G. Van Den Wymelenberg

148. Title: Energy Simulation Technical Support

Contract with: St. Luke's Regional Medical Center

Dates: 01/2006 – 04/2006

Amount: \$15,583

PI: Kevin G. Van Den Wymelenberg

149. Title: Various small contracts

Contract with: Varies

Dates: 2006

Amount: \$9,205

PI: Kevin G. Van Den Wymelenberg

150. Title: Integrated Design Lab Boise – 2

Contract with: Northwest Energy Efficiency Alliance

Dates: 01/2006 – 12/2010

Amount: \$1,200,599

PI: Kevin G. Van Den Wymelenberg

151. Title: Developing a Daylighting Laboratory

Contract with: Rensselaer Polytechnic Institute – Lighting Research Center

Dates: 01/2005 – 12/2005

Amount: \$20,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Joel Loveland, University of Washington

152. Title: Various small contracts

Contract with: Varies

Dates: 2005

Amount: \$2,526

PI: Kevin G. Van Den Wymelenberg

153. Title: Foundational Services in Energy Efficiency - 1

Contract with: Idaho Power Company

Dates: 08/2004 – 05/2007

Amount: \$101,000

PI: Kevin G. Van Den Wymelenberg

154. Title: Develop a Solar Simulator

Contract with: State of Idaho, Idaho Division of Energy

Dates: 08/2004 – 12/2004

Amount: \$5,000

PI: Kevin G. Van Den Wymelenberg

155. Title: Integrated Design Lab Boise – 1

Contract with: Northwest Energy Efficiency Alliance

Dates: 03/2004 – 12/2005

Amount: \$168,000

PI: Sherry McKibben

Co-Investigators: Kevin Van Den Wymelenberg (Project Manager)

SERVICE

See “Academic Administrative Appointments” for internal university administrative and service appointments.

Major External Committee Assignments:

1. Scientific Advisor, Integrated Bioscience and Built Environment Consortium (IBEC), 05/2019-present
2. Member, Joint Working Group 12 with Technical Committee 205 & 274, International Standards Organization (ISO), 2024-present.
3. Member, Technical Committee 205, Building Environment Design, International Standards Organization (ISO), 2019-present.
4. Founding Member, Oregon Code Collaborative, 2017-2022.
5. Member, ASHRAE Environmental Health Committee, external steering committee, 04/2021-06/2022
6. Chair, Illuminating Engineering Society of North America, Daylight Metrics Committee; Summer 2012 - 2020.
7. Chair, Illuminating Engineering Society of North America, IES Medal Award Committee; 2016-2017.
8. Vice Chair, Illuminating Engineering Society of North America, IES Medal Award Committee; 2015-2016.
9. University Representative: Center for Advanced Energy Studies (CAES) – Energy Efficiency Research Institute (CEERI), provide institutional representation and support for multiple energy efficiency research endeavors between the CAES partner institutions including Boise State University, Idaho National Laboratory, Idaho State University and University of Idaho; October 2010 – June 2015.
10. Chair, Idaho State Governor’s Strategic Energy Alliance, Energy Efficiency and Conservation Task Force; Spring 2009 – Spring 2015.
11. Vice Chair, Illuminating Engineering Society of North America, Daylight Metrics Committee; Fall 2009 – Summer 2012.
12. Advisory Committee Member, eLAD – eLearning platform for commercial building lighting and daylighting systems, Lawrence Berkeley Lab; 2010-2012.
13. Committee Member, Ada County Energy Plan Partnership; 2006-2012.
14. Voting Committee Member, Northwest Power and Conservation Council, Regional Technical Forum; 2010.
15. Task Force Member, Idaho State Governor’s Strategic Energy Alliance, Energy Efficiency and Conservation Task Force; Spring 2008 - Spring 2009.

16. Subcommittee Member, Illuminating Engineering Society of North America, Daylight Metrics Subcommittee; Summer 2007 - Fall 2009.

Professional and Scholarly Organizations:

1. External Peer-Reviewer, Design Awards, Nebraska Chapter, American Institute of Architects, 2023-present.
2. Member, International Standards Organization (ISO), 2019-present.
3. Associate Member, American Institute of Architects; 2006 – present.
4. External Peer Reviewer, Research Awards:
 - a. University of North Carolina-Charlotte (Architecture), 2021
5. External Peer Reviewer, Tenure and Promotion:
 - a. University of Oregon (Architecture), 2024
 - b. Cornell University (Architecture), 2021
 - c. University of Buffalo (Architecture), 2019
 - d. UC-Davis (Microbiology), 2019
6. Founding Member, Pacific Northwest Center for Translational Environmental Health Research, Environmental Health Sciences Center, Oregon State University, 2019-2022.
7. Member, Commission de L'Eclairage (CIE, translates International Commission on Illumination), 2017-2022.
8. Associate Member, Illuminating Engineering Society of North America; 2006-2022.
9. Associate Member, American Society of Heating, Refrigerating & Air-Conditioning Engineers; 2006-2022.
10. Peer Reviewer, scientific journals; 2012-present (varies): LEUKOS - The Journal of the Illuminating Engineering Society of North America; Automation in Construction, Building and Environment, Energy, Energy and Buildings, Displays, Journal of Environmental Psychology; Building Research and Information; Energy Efficiency; Microbiome; mSystems; International Journal of Hygiene and Environmental Health.
11. Member, Society of Building Science Educators; 2004–2022.
12. Committee Member, Human Centric Lighting Committee; 2013-2017.
13. Panelist, NSF's Environmental Sustainability Program, Sustainable Buildings, unsolicited proposal grant review panel, 2014.
14. Peer Reviewer, Commission Internationale de L'Eclairage (International Commission on Illumination), 2014.
15. Integrated Resource Plan Advisory Council Member, Idaho Power Company, 2012-2013 cycle and 2014-2015 cycle.
16. Technical Advisory Committee Member, Avista Utilities, energy efficiency, 2011-2015.
17. Leadership team member, Center for Advanced Energy Studies, Energy Efficiency Research Institute; 2010–2015.
18. Summit Participant, University of Idaho, Utility Executive Course, 2012.
19. Peer Reviewer, SimBuild Annual Conference Proceedings; 2010, 2011.
20. Member, Idaho Energy Code Collaborative; 2008-2015.
21. Member, United States Green Building Council – Idaho Chapter; 2005 Inception – 2015.
22. Juror, Northwest Energy Efficiency Alliance, BetterBricks Awards; 2004 – 2011.
23. Selection Committee, Energy Efficiency and Conservation Block Grants to Idaho from American Recovery and Reinvestment Act of 2009; Spring, 2010.

24. Committee Member, American Recovery and Reinvestment Act 2009 - Idaho Energy Efficiency and Conservation Block Grant Selection Committee, Office of Energy Resources, Idaho; Spring 2009 – 2010.
25. Committee Member, American Recovery and Reinvestment Act 2009 - Idaho K-12 Energy Efficiency Project Selection Committee, Office of Energy Resources, Idaho; Spring 2009 – 2010.
26. Session Chair, American Collegiate Schools of Architecture, 2009 Annual Meeting, *Research Value of Design*; 2009.
27. Peer Reviewer, Architectural Research Centers Consortium, Research Conference Proceedings; Spring 2007.
28. Peer Reviewer, American Solar Energy Society, Conference Proceedings; Summer 2006.
29. Juror, Interior Designers of Idaho, Chair Affair; Winter 2006.
30. Member, American Solar Energy Society; 2003, 2004, 2006.

Professional Outreach Service:

Workshops & Seminars Organized

1. Scientific Advisor, International Association of Bioscience and Environmental Criteria, 04/2020-01/2023.
2. Scientific Advisor, COVID Straight Talk, Last Mile Works, 06/2020-01/2023.
3. Steering Committee – Co-organized [Clean 2020 Virtual Summit](#), online, 06/2020–01/2023.
4. Scientific Advisor, United States Safe Air Building Council, Leadership in Safe Air Standards, 06/2020-06/2021.
5. Organized Smart Building Technologies Technical Session at IECON 2018 the 44th Annual Conference of the IEEE Industrial Electronics Society, with Gerhard Zucker (Austria), Jan Haase (Germany), Elizabeth Cooper(USA), Washington DC, October 2018.
6. Organized and hosted 16th Annual International Radiance Workshop, 3-day workshop, University of Oregon Energy Studies in Buildings Laboratory, Portland, OR, August 2017.
7. Organized Transforming Architecture: A Festschrift Event in honor of G.Z. Brown, 8-hour workshop, Eugene, OR, May 2016.
8. Organized (and occasionally presented at) twice-annual (spring and fall) professional lecture series (totaling more than 50 1.5-hour lectures, otherwise not in CV, held in evenings in Boise at the UI-IDL) on energy efficiency and integrated design topics with regional, national, and internationally recognized presenters; 2004–2014.
9. Organized (and regularly presented at) summer brown bag lecture series (totaling more than 100 1-hour lectures, otherwise not in CV, and held during lunch hours in architectural and engineering offices throughout Idaho for the UI-IDL) on energy efficiency and integrated design; 2009–2015.
10. Organized (and occasionally presented at) monthly UI-IDL building simulation users group meetings; 2010–2015.
11. Numerous additional lectures presented to in 30-120-minute formats to regional architectural and engineering professional offices on a variety of topics 2001-2023.

Community Service: (non-academic unrelated to employment)

1. Acolyte, St. Peter Catholic Church, Catholic Diocese of Lincoln; 2025-present
2. Commissioner, Nebraska Capitol Commission; 2023-present
3. Member, St. Peter Catholic School Family Association, Lincoln; 2023-present
4. Referee, USA Swimming; 2019-present

5. Licensed Natural Family Planning Instructor, Couple to Couple League; 2011-present
6. Member, Knights of Columbus; 2009-present
7. Treasurer, Emerald Aquatics Swimming Club, Eugene; 2021-2022
8. Board Member, St. Mary's Catholic School Governing Board, Boise; 2014-2015
9. Licensed Foster Parent, State of Idaho; 2005-2010
10. Core Team Member, Life-Teen Youth Group, St. Mark's Catholic Community, Boise; 2004-2008
11. Coach, YMCA Masters Swim Team; Boise; 2004-2005
12. Coach, UW Husky Masters Swim Team; Seattle; 2003-2004