

JOSHUA VERMILLION

Curriculum Vitae

Associate Professor | School of Architecture | University of Nevada, Las Vegas

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Education

2005	M Arch, (post-professional), Department of Architecture, Ball State University
2002	B Arch, Department of Architecture, Ball State University
2002	B Sc Environmental Design, Department of Architecture, Ball State University

Professional Appointments + Employment

	University of Nevada Las Vegas, School of Architecture
2019-present	Associate Professor of Architecture
2024, 2018-2021	Graduate Coordinator, School of Architecture
2019-2021	Assistant Director, School of Architecture
2013-2019	Assistant Professor of Architecture
	Ball State University, Department of Architecture
2011-13	Assistant Professor of Architecture
2006-13	Operations Manager + Fellow, Institute for Digital Fabrication
2004-11	Instructor of Architecture
Spring 2005	Graduate Assistant, Digital Fabrication Lab Manager and Technician
Fall 2004	Teaching Assistant, Department of Architecture
2003-04	Graduate Assistant, University Teleplex Unit
Summer 2003	Graduate Assistant, Department of Architecture
2002-03	Teaching Assistant, Department of Architecture
2003	Paul I. Cripe, Inc., Indianapolis, IN. Intern Architect
2002	Hand Hewn Design and Construction, Muncie, IN. Intern Architect
2001	NBBJ, Columbus, OH. Junior Associate

Professional Memberships + Fellowships

2024-present	Microsoft Creative Expert and Design Contributor
2023-present	Runway ML Creative Partner Program Member
2019-present	Phi Kappa Phi National Honor Society, Chapter 100 (Member)
2019-2021	American Institute of Architects (Associate Member)
2005-present	Association of Computer Aided Design in Architecture (ACADIA)
2004-present	Association of Collegiate Schools of Architecture (ACSA)
2014-present	Iberoamerican Society of Digital Graphics (SIGRADI)
2019-present 2012-13	Education and Research in Computer Aided Architectural Design in Europe (eCAADe)

Awards + Honors

2023	Virginia Design Medalist, Short Summer Residency at Hanbury Design, Norfolk, VA where I advised on the use of Generative-AI in the design process and gave several presentations to Hanbury's regional offices and Virginia's AIA chapter.
2019	Inducted as member of Phi Kappa Phi National Honor Society, Chapter 100.
2017	Jane + Robert Fielden Medal for Contributions of Excellence to Architectural Education, UNLV School of Architecture.
2015	Citation: Architect Magazine R+D Awards. "Co-Robotics and Construction: QSCR 1-4 Prototypes." Mike Silver, Mahesh Daas, and Joshua Vermillion led the teams for the first two phases/prototypes awarded.
2015	Fourth Place Finalist: Strong Cities Strong Communities (SC2) Competition. "Every Neighborhood Needs and Architect." Mark Roddy, Joshua Vermillion, Kevin Kellog, Patrick Roddy, Caren Roddy, Adam Bradshaw, Andrew Martin, Sean Miller, Christina Giafaglione.
2014	Mayor's Urban Design Award, City of Las Vegas. "Cedar Trail Project." Ken McCown, Phil Zawarus, Jonathon Anderson, Joshua Vermillion, Eric Weber.
2014	ASLA Nevada Honor Award for Trails, "Cedar Trail Project." Ken McCown, Phil Zawarus, Jonathon Anderson, Joshua Vermillion, Eric Weber.
2014	Visiting Taylor Seminar Lecturer. University of Calgary, 17-21 February.
2011	Finalist: ACADIA and FLATCUT_ 2011 Design + Fabrication Competition.
2005	Best Published Conference Paper Award: 2005 SIGRADI conference, Lima, Peru. (with Kevin Klinger).
2004	ACADIA Fabrication Conference Travel Scholarship.
2003	Outstanding Service Citation: Department of Architecture, Ball State University.
2003	Indiana Architecture Foundation Scholarship

Professional Development

2008	Building an Emergent Urbanscape Workshop. Instructors: Keith Besserud, Josh Cotton (SOM Chicago) and Douglas Pancoast (School of the Art Institute of Chicago). 2008 ACADIA Conference, University of Minnesota, Minneapolis, MN, 13-14 October.
2007	Smart Geometry Workshop. Instructors: Axel Killian (MIT), Stylianos Dritsas (KPF London), Andrew Kudless (CCA), Xavier DeKestelier (Foster + Partners). New York, NY, 26-29 January.
2006	Bentley Generative Components Workshop. Instructors: Steve Sanderson (SHoP), Rob Woodbury (Simon Frazer). 2006 ACADIA Conference, Louisville, KY, 12-13 October.

Scholarly Publications

BOOKS

- 1 Golden, E. & Vermillion, J. (eds). (2020). *Bottom-up Social Change: Proceedings of the 2019 Intersections Symposium*. Washington, DC: American Institute of Architects (AIA) and the Association of Collegiate Schools of Architecture (ACSA).
- 2 Johnson, J. S. & Vermillion, J. (eds). (2016). *Digital Design Exercises for Beginning Architecture Students*. New York, NY: Routledge.

PEER-REVIEWED JOURNAL PUBLICATIONS

- 3 Vermillion, J. (2024). "The Importance of Divergent Thinking." In Puglisi, L., Russo, M. & Bakhtafrouz, N. (guest eds). *IQD: Special AI in Architecture Issue*, January-March, Milan, Italy, p. 96–99.
- 4 Vermillion, J. (2023). "Giving Up Control: Hybrid AI-Augmented Workflows for Image-Making." *Traditions Innovations in Arts, Design, and Media Higher Education*, 1, Article 3.
https://digitalscholarship.unlv.edu/tradition_innovations/vol1/iss1/3
- 5 Klinger, K. R. & Vermillion, J. (2006). "Visualizing the Operative and Analytic: Representing the Digital Fabrication Feedback Loop and Managing the Digital Exchange". *International Journal of Architectural Computing*, vol. 4 - no. 3, pp. 79-97.

BOOK CHAPTERS

- 6 Vermillion, J. (2023). "Getting What You Asked For". In Jacobus, F. & Kelly, B. M. (ed), *Artificial Intelligent Architecture*. New York: ORO Editions.
- 7 De Salvatierra, A., Solano, S. & Vermillion, J. (2022). "Pedagogical Pluralism". In Krukowski, S. (ed), *Theories and Tactics in Architecture and Design*. Chicago: Intellect, University of Chicago Press.
- 8 Johnson, J., & Vermillion, J. (2016). "Exercises for assembly and communication." In *Digital Design Exercises for Architecture Students*. New York, NY: Routledge.
- 9 Johnson, J., & Vermillion, J. (2016). "Exercises for integrating data and form." In *Digital Design Exercises for Architecture Students*. New York, NY: Routledge.
- 10 Johnson, J., & Vermillion, J. (2016). "Exercises for points, lines, and curves." In *Digital Design Exercises for Architecture Students*. New York, NY: Routledge.
- 11 Johnson, J., & Vermillion, J. (2016). "Exercises for volumes and aggregate assemblies." In *Digital Design Exercises for Architecture Students*. New York, NY: Routledge.

PEER-REVIEWED PAPERS IN CONFERENCE PROCEEDINGS

- 12 Vermillion, J. & de Salvatierra, A. (2019). "Physical Computing, Prototyping, and Participatory Pedagogies: Make-A-Thon as Interdisciplinary Catalyst for Bottom-Up Social Change". In *Proceedings of the 2019 eCAADe + SIGraDi Conference: Architecture in the Age of the 4th Industrial Revolution*. Faculty of Architecture, University of Porto, Porto, Portugal, 12 September.
- 13 Solano, S., de Salvatierra, A. & Vermillion, J. (2019). "Constructing Site: Contextual and Temporal Notations of Landscape". In *2019 Proceedings of the National Conference on the Beginning Design Student*. University of Colorado Denver, 15 March.
- 14 Vermillion, J. (2018). "Repercussions of Robotics in Architecture". *Convegno Internazionale Robotica e Intelligenza Artificiale: l'impatto dell'infosfera sulla vita dell'uomo (Proceedings of the International Conference on Robotics and Artificial Intelligence: The Impact of the Infosphere on Human Life)*. Aula Magna, Univeresita per Stranieri di Perugia, Perugia, Italy, 14 March, pp. 135-144.

- 15 De Salvatierra, A., Solano, S. & Vermillion, J. (2018). "The Spatial Indeterminacy of Time: De[MONSTR]ative Architectures as Beginning Design Pedagogy". *2018 Proceedings of the National Conference on the Beginning Design Student*. University of Cincinnati, 3 March.
- 16 Vermillion, J., Yeshayahu, S. & Solano, S. (2017). "CNC Mediated Representation". *2017 Proceedings of the National Conference on the Beginning Design Student*. University of Utah, Salt Lake City, 9-11 March.
- 17 Yeshayahu, S., Vermillion, J. & Anderson, J. (2016). "Agency for Informed Design and Analysis: Time-based Media as 1:1 >> 1: many", *2016 Proceedings of the National Conference on the Beginning Design Student*. California Polytechnic State University, San Luis Obispo, 26-27 February.
- 18 Yeshayahu, S., Vermillion, J. & Anderson, J. (2015). "Documenting Design Processes through Video and Creative Marketing", *2015 Proceedings of the National Conference on the Beginning Design Student*. University of Houston, Houston, TX, 26-28 February.
- 19 McCown, K., Zawarus, P. W., Anderson, J. & Vermillion, J. (2015). "Inciting Change from the Ground Up: Using digital fabrication and university design center partnership to innovate trail design for low income communities, a Las Vegas case study." Manhattan, Kansas: *Annual International Proceedings of the Council of Educators in Landscape Architecture*.
- 20 Vermillion, J. (2014). "Physical Computing without Computing: Small Responsive Prototypes", *2014 SIGRADI Conference Proceedings*. Universidad de la República, Montevideo, Uruguay, 12-14 November.
- 21 Vermillion, J. (2014). "Integrating Physical Computing with Making", *2014 ACSA Fall Conference Proceedings: Working Out, Thinking While Building*. Dalhousie University, Halifax, Nova Scotia, 16-18 October.
- 22 Vermillion, J., Anderson, J. & Rowe, D. (2014). "Craft-based Education: A Model that Supports Play and Innovation", *2014 National Conference on the Beginning Design Student Proceedings*. Illinois Institute of Technology, Chicago, IL, 3-5 April.
- 23 Angulo, A. & Vermillion, J. (2012). "Strategic Thinking on the Redesign of a Foundational CAAD Course: Towards comprehensive training on digital design", *Digital Physicality: Proceedings of the 30th eCAADe Conference - Volume 1*. Czech Technical University, Prague, Faculty of Architecture (Czech Republic), 12-14 September, pp. 29-37.
- 24 Angulo, A. & Vermillion, J. (2012). "A Leap Towards a Comprehensive Training in Parametric Thinking", *Design Communication Association 2012 Conference Proceedings*. Oklahoma State University, Stillwater, Oklahoma, 21-24 October.
- 25 Daas, M., Vermillion, J., Boone, E., Brockmeyer, E., Buente, A., & Perry, K. (2010). "Morpholuminescence." New York, NY: *Proceedings of the Association of Computer Aided Design in Architecture (ACADIA)*, pp. 114-117.
- 26 Daas, M., Vermillion, J. (2009). "An Inconvenient Studio", *ACADIA 09: reform: Building a Better Tomorrow - Proceedings of the 29th Annual Conference of the Association for Computer Aided Design in Architecture (ACADIA)*. Chicago, Illinois, 22-25 October, pp. 287-290.
- 27 Sweitzer, G., Vermillion, J. (2009). "Distance Daylighting and Digital Fabrication", *Leadership in Architectural Research, Between Academia and the Profession: Proceedings of the 2009 Annual Research Conference of the Architectural Research Centers Consortium (ARCC)*. San Antonio, Texas, 15-18 April, pp. 257-264.
- 28 Vermillion, J., Klinger, K. R. & Pace, B. (2008). "Managing the Design-Fabrication Feedback Loop: Visualizing Collaborative Digital Exchanges between Industry and the Academy", *Proceedings of the joint CIB W096 Architectural Management and CIB TG49 Architectural Engineering Conference*. Sao Paulo, Brazil, November, pp. 253-266.
- 29 Gibson, M., Klinger, K. R. & Vermillion, J. (2008). "Constructing Information: Towards a Feedback Ecology in Digital Design and Fabrication", *Silicon + Skin: Biological Processes and Computation – Proceedings of the 28th Annual Conference of the Association for Computer Aided Design in Architecture (ACADIA)*. Minneapolis, Minnesota, 16-19 October, pp. 182-191.
- 30 Sweitzer, G. & Vermillion, J. (2007). "Enhanced Daylighting through Digital Fabrication". *Thermal Performance of the Exterior Envelopes of Whole Buildings X International Conference Proceedings*, Oak Ridge National Laboratory and ASHRAE. Clearwater, Florida, US, December.

- 31 Klinger, K. R. & Vermillion, J. (2005). "Visualizing Revisions: Representation Implications of Digital Fabrication". *SiGraDi 2005 - Proceedings of the 9th Iberoamerican Congress of Digital Graphics*. Lima, Peru, 21-24 November, vol. 1, pp. 194-200.

Grants + Funding

- 2022 Coverings industry-sponsored design-build (PI). Design-build course and research + development supported by a variety of companies in the international tile industry. Approx \$80,000 worth of new equipment, materials, tools, and supplies were donated to the SoA and its wood shop to facilitate student-designed and -built furniture and pavilion which was then displayed at the international Coverings meeting at the Las Vegas Convention Center for approximately 30,000 visitors.
Sponsors: Coverings, National Tile Contractors Association, MAPEI, Arizona Tile, Wedi Corp, IQ Powertools, QEP Tools, Schluter Systems.
- 2016-18 Social Sciences and Humanities Research Council of Canada (SSHRC). Jason Johnson (PI), Joshua Vermillion (Collaborator), Alvin Huang (Collaborator), Simon Kim (Collaborator), Maria Ibanez (Collaborator), Joshua Taron (Collaborator). "Constructing Digital Futures: Community Based Innovation" (\$443,000).
- 2016 Shai Yeshayahu (PI), Joshua Vermillion + Samantha Solano (co-PIs); "UNLV Artist in Residency Express Grant - Hadrian Predock" (\$1500), Nevada Arts Council. October 2016 – October 2017.
- 2014 Contract. Joshua Vermillion (PI) and Ken McCown (co-PI). "EDAR (Everyone Deserves A Roof) Prototyping" (\$10,000). EDAR (an external non-profit organization).
- 2014 Contract. Joshua Vermillion (PI) and Ken McCown (co-PI). "EDAR (Everyone Deserves A Roof) Design and Prototyping" (\$2,500). EDAR (an external non-profit organization).
- 2014 Subcontracted for material and fabrication consultation. Ken McCown and Phil Zawarus (PIs). "Urban Trail Redesign + Fabrication" (\$37,000). Outside Las Vegas Foundation through Wells Fargo Urban LIFT.
- 2012 Emerging Media Innovation Grant, Ball State University. Principal Investigator. "Integrating Semi-Autonomous Humanoid Robots in Building Construction" (\$5,000 stipend).
- 2011 Emerging Media Innovation Grant, Ball State University. Principal Investigator. "Growing a Distributed Network of Workshops and Applied Research in Digital Design + Fabrication" (\$8,474).
- 2010-12 Discovery Award, Discovery Foundation, Ball State University. Co-Principal Investigator. "Smart Stone: Re-using Waste in Industry", w/ Kevin Klinger (\$24,200).
- 2007 Graham Foundation for Advanced Studies in the Fine Arts. Co-Principal Investigator. "SmartScrap: Digitally Cataloging Building Industry Waste for Reuse through Parametric Modeling", w/ Kevin Klinger (\$9,461).
- 2006 Accessing Technology Across Indiana + the Indiana Innovation Network. Co-Principal Investigator. "Digital Fabrication: Focus on Indiana", w/ Kevin Klinger (\$2,900).
- 2002 I-Communications Grant, Ball State University. Principal Investigator. (\$6,000).

Scholarly Presentations

INVITED / PAID KEYNOTES + LECTURES

- Vermillion, J. (2025). "Design Technologies in the Age of AI." Invited keynote lecture at the Architecture & Design Educators Forum 2025: Innovation in Education Through Technology, Dhahran, Saudi Arabia. 3 May.
- Vermillion, J. (2025). "Keynote: Live from the Artist on Creativity." Invited keynote address at the Future Minds: AI Summit in Abu Dhabi, UAE. April 9.
- Vermillion, J. (2025). "Latent Architectures: Getting What You Asked For." Invited Lecture / Keynote as part of Ball State University College of Architecture and Planning's Spring Lecture Series. Muncie, IN. February 3.

- 4 Vermillion, J. (2024). "Latent Architectures: Art + Technology." Jaguar Land Rover Tech Center, Portland, OR. Invited Presentation to Jaguar Land Rover / Jaguar Racing. June 21.
- 5 Vermillion, J. (2024). "Robots + Machine Learning in Architecture." Invited Lecture as part of the Future Form Symposium. Tulane University School of Architecture, New Orleans, LA. April 13.
- 6 Vermillion, J. (2024). "The Generative Capacity of Machine Learning." Invited Online Course Lecture at J Irwin School of Architecture, Indiana University, IN. March 4.
- 7 Vermillion, J. (2023). "Lecture on Creative Coding using Large Language Models." University of Nebraska Lincoln, 8 November.
- 8 Vermillion, J. (2023). "AI and Design: Opening remarks to Fay Jones School of Architecture Professional Advisory Board." Fay Jones School of Architecture, University of Arkansas, 2 October.
- 9 Vermillion, J. (2023). "Getting What You Asked For, Not What You Wanted." IMMERSION, Rhyolite, NV, 16 September.
- 10 Vermillion, J. (2023). "Generative-AI Image Making and Architecture." Hanbury Design, Norfolk, VA, 9 August.
- 11 Vermillion, J. (2023). "Creative Coding without Coding: Generative-AI scripting with ChatGPT." Hanbury Design, Norfolk, VA, 8 August.
- 12 Vermillion, J. (2023). "Creative Coding w/o Writing Code: ChatGPT and Scripting." The Creative School UK/Toronto, Metropolitan University, 10 July.
- 13 Vermillion, J. (2023). "Architecture + Technology: Generative-AI Image-Making." RVS Chennai Padmavathy School of Architecture, Chennai, India, 7 July.
- 14 Vermillion, J. (2023). "AI and Machine Learning for Design." Lokmanya Tilak Institute of Architecture and Design Studies, Navi Mumbai, India, 7 July.
- 15 Vermillion, J. (2023). "AI + Robotics in Architecture: Fast Forward." DY Patil University School of Architecture, Navi Mumbai, India, 6 July.
- 16 Vermillion, J. (2023). "Generative-AI Image Making." FOLDS Design Studio, Navi Mumbai, India, 4 July.
- 17 Vermillion, J. (2023). "Machine Learning + Architecture: Augmenting the Professional." Indianapolis: Christopher Kelley Leadership Development Program 2023 - AIA Indiana, 5 May.
- 18 Vermillion, J. (2023). "Architecture in the Age of AI." Invited lecture at Baskent University, Ankara, Turkey. Online, 14 April.
- 19 Vermillion, J. (2023). "Simple Parts, Complex Effects: Design in the Age of AI." Invited keynote presentation at the Computational Design: Next 13 Online Conference, 16 April.
- 20 Vermillion, J. (2022). "Learning Design Through Making." Coverings 2022. Las Vegas, NV: Coverings. Presenter: Join Professor Vermillion of UNLV's School of Architecture as he takes you on a journey through his hands-on course for architecture, interior architecture, and landscape architecture students as they learn how material systems and fabrication inform and guide design decision making. In this one-of-a-kind course, the students learn by doing, creating, and designing directly with tile, along with learning from tile industry professionals. Through prototyping and building, the students were given the opportunity to test design decisions and understand how to select and specify materials. Review the expected outcomes, student experience and view the final project which will be unveiled onsite at Coverings 2022.
- 21 Vermillion, J. (2020). "Digital Design + Fabrication Feedback Loop". College of Architecture, Texas Tech University, 9 March.
- 22 Golden, E. & Vermillion, J. (co-Chairs). (2019). AIA/ACSA Intersections Symposium: "Bottom Up Social Change: Materials | Buildings | Community," A'19 AIA National Conference on Architecture, 8 June.
- 23 Vermillion, J. (2018). "Craft in the Digital Age". Taylor X Symposium: 10 Years of Design Research + Research as Practice, St Louis Hotel, Faculty of Environmental Design, University of Calgary, 22 February.

- 24 Vermillion, J. (2017). "Parametric Design for the Construction Industry." Construction Specifications Institute Meeting. Las Vegas, NV: Construction Specifications Institute, Las Vegas Chapter. Desert Pines Golf Club, Las Vegas, NV. 12 September.
- 25 Vermillion, J. (2014). "MAKE". Part of the Faculty of Environmental Design "Design Matters" Lecture Series, University of Calgary, 19 February.
- 26 Vermillion, J. (2013). "Digital Design + Fabrication Feedback Loop". College of Architecture and Design, Lawrence Technological University, 9 April.
- 27 Vermillion, J. (2013). "Digital Fabrication Research + Teaching". College of Architecture and Environmental Design, Kent State University, 19 March.
- 28 Vermillion, J. (2013). "Digital Fabrication + Immersive Learning". School of Architecture and Interior Design, University of Cincinnati, 6 February.

PEER-REVIEWED PRESENTATIONS

- 29 Vermillion, J., Chen, M. & Rodriguez, R. (2024). "When 1 x 1 = Infinity: Design Ethics, Storytelling, and Collaboration with AI." Peer-reviewed presentation and panel for the American Society of Landscape Architects 2024 Annual Meeting. Washington, DC: American Society of Landscape Architects. October 8.
- 30 Vermillion, J., Chen, M. & Rodriguez, R. (2024). "AI's Impact on Landscape Architecture: BACK TO FUTURE: Storytelling Through AI-Powered Design Process." American Society of Landscape Architects SKILL | ED. Peer-reviewed online webinar for the American Society of Landscape Architects. June 5.
- 31 Vermillion, J. & de Salvatierra, A. (2019). "Physical Computing, Prototyping, and Participatory Pedagogies: Make-A-Thon as Interdisciplinary Catalyst for Bottom-Up Social Change". 2019 eCAADe + SIGraDi Conference: Architecture in the Age of the 4th Industrial Revolution, Faculty of Architecture, University of Porto, Porto, Portugal, 12 September.
- 32 Solano, S., Vermillion, J. & de Salvatierra, A. (2019). "Constructing Site: Contextual and Temporal Notations of Landscape". 2019 National Conference on the Beginning Design Student. University of Colorado Denver, 15 March.
- 33 Vermillion, J. (2018). "Repercussions of Robotics in Architecture". The International Conference on Robotics and Artificial Intelligence, The Aula Magna, University for Foreigners of Perugia, Perugia, Italy, 14 March.
- 34 Vermillion, J. (2018). "The Spatial Indeterminacy of Time: De[MONSTR]ative Architectures as Beginning Design Pedagogy". 2018 National Conference on the Beginning Design Student. University of Cincinnati, 3 March.
- 35 Vermillion, J. (2017). "CNC Mediated Representation". 2017 Proceedings of the National Conference on the Beginning Design Student. University of Utah, Salt Lake City, 9-11 March.
- 36 Vermillion, J. (Moderator). (2017). Paper Session (Session 4, Day 2), National Conference on the Beginning Design Student, University of Utah, Salt Lake City, UT, 11 March.
- 37 Yeshayahu, S., Vermillion, J. & Anderson, J. (2016). "Agency for Informed Design and Analysis: Time-based Media as 1:1 >> 1:many", 2016 National Conference on the Beginning Design Student. California Polytechnic State University, San Luis Obispo, 26-27 February.
- 38 Zawarus, P., Vermillion, J., McCown, K. & Anderson, J. (2015). "Inciting Change from the Ground Up: Using digital fabrication and university design center partnership to innovate trail design for low income communities, a Las Vegas case study." Manhattan, Kansas: Annual International Proceedings of the Council of Educators in Landscape Architecture.
- 39 Vermillion, J. & Yeshayahu, S. (2015). "Documenting Design Processes through Video and Creative Marketing", 2015 National Conference on the Beginning Design Student. University of Houston, Houston, TX, 26-28 February.
- 40 Vermillion, J. (Moderator). (2015). Technologies / Futures Session, National Conference on the Beginning Design Student, University of Houston, Houston, TX, 27 February.

- 41 Vermillion, J. (2014). "Physical Computing without Computing: Small Responsive Prototypes", 2014 SIGRADI Conference. Universidad de la República, Montevideo, Uruguay, 12-14 November.
- 42 Vermillion, J. (2014). "Integrating Physical Computing with Making", 2014 ACSA Fall Conference: Working Out, Thinking While Building. Dalhousie University, Halifax, Nova Scotia, 16-18 October.
- 43 Vermillion, J., Anderson, J. & Rowe, D. (2014). "Craft-based Education: A Model that Supports Play and Innovation." 2014 National Conference on the Beginning Design Student. Illinois Institute of Technology, Chicago, IL: National Conference on the Beginning Design Student.
- 44 Vermillion, J. (2012). "Strategic Thinking on the Redesign of a Foundational CAAD Course: Towards comprehensive training on digital design", eCAADe Conference, Czech Technical University, Prague, 12-14 September.
- 45 Vermillion, J. & Daas, M. (2009). "An Inconvenient Studio", ACADIA 09 Conference, School of the Art Institute of Chicago, Chicago, Illinois, 22-25 October.
- 46 Vermillion, J. & Sweitzer, G. (2009). "Distance Daylighting and Digital Fabrication", ARCC 2009 Conference, University of Texas at San Antonio, San Antonio, Texas, 15-18 April.
- 47 Vermillion, J., Klinger, K. & Pace, B. (2008). "Managing the Design-Fabrication Feedback Loop: Visualizing Collaborative Digital Exchanges between Industry and the Academy", Design Management in the Architectural Engineering and Construction Conference, University of Sao Paulo, Brazil, 4-8 November.
- 48 Vermillion, J., Gibson, M. & Klinger, K. (2008). "Constructing Information: Towards a Feedback Ecology in Digital Design and Fabrication", 2008 ACADIA Conference - Silicon + Skin: Biological Processes and Computation, University of Minnesota, Minneapolis, Minnesota, 16-19 October.
- 49 Vermillion, J. & Sweitzer, G. (2007). "Enhanced Daylighting through Digital Fabrication". Thermal Performance of the Exterior Envelopes of Whole Buildings X International Conference, Clearwater, Florida, US, 2-7 December.
- 50 Vermillion, J. (Moderator). (2007). Session 1.4 with speakers Marta Male-Alemany, Jose Pedro Sousa, Mark Goulthorpe. Manufacturing Material Effects Symposium, Indianapolis Museum of Art, Indianapolis, IN, 6-7 April.

PEER-REVIEWED POSTER PRESENTATIONS

- 51 Vermillion, J. (2022). "Robotics in Architecture <> Robotic Architecture: Why Can't a Building be as Smart as a Car?." *Creative Collaborations Symposium*. UNLV: College of Fine Arts.
- 52 Vermillion, J. (2022). "Iterating the Design Process Using AI Diffusion Models." *Creative Collaborations Symposium*. UNLV: College of Fine Arts.
- 53 Vermillion, J. (2022). "Visualizing the Operative and Managing Complexity: Communicating the Design-fabrication Feedback Loop with the International Tile Industry." *Creative Collaborations Symposium*. UNLV: College of Fine Arts.

INVITED PRESENTATIONS + PANELS

- 54 Vermillion, J., Al Otaibi, B., Alshraim, M., Khayat, O., Almahdy, O., Abuaysha, M. (moderator). (2025). "Navigating Ethics, Policies, and Protocols in A&D Education." Invited Panel at the Architecture & Design Educators Forum 2025: Innovation in Education Through Technology, Dhahran, Saudi Arabia, 3 May.
- 55 Vermillion, J., Liao, C., Briz, N., Keyes, O. (moderator), Houy, Y. (moderator). (2025). "Creativity & Agency in the Age of AI: Using genAI Productively and Ethically in Creative Practice and Teaching." Invited Presentation and Panel for A2RU. Online, March 6.
- 56 Vermillion, J., Leach, N., Alf, D., Colombo, I. & Chan, A. (2024). "An Introduction to AI: Midjourney, Getting Started." Invited Presentation and Panel for Digital Futures World, moderated by Neil Leach. September 7.
- 57 Vermillion, J., Leach, N., Bolojan, D., He, W., Colombo, I., Guida, G., Escobar, D. & Ponzio, A. (2024). "OPEN AI's - Sora." Invited Online Presentation and Panel Discussion for Digital FUTURES World. 9 March. <https://www.youtube.com/live/3-iOLa5kleI?si=x7zyud1KW4veP0iF>

- 58 Vermillion, J., Leach, N. & Faraon, S. (2023). "An Introduction to AI for Designers." Digital FUTURES World, 23 September.
<https://www.youtube.com/live/mG2NJRzFRpo?si=Hz2An20NvDeXf4X5>
- 59 Vermillion, J., Matar, C., Fu, T. & Hassanzadeh, H. (2023). "The Future of AI in Architecture." Parametric-Architecture. Parametric-Architecture.com and PA Academy. 11 May.
https://www.instagram.com/p/CsHK_mOIQIG/?utm_source=ig_web_copy_link
- 60 Vermillion, J. (2023). "EXPERT TALK: Joshua Vermillion: Digital Fabrication, Robotics, and AI." UNFOLD Design Competition and FOLDS Design Studio, Navi Mumbai, India. 15 April.
https://www.instagram.com/p/Cq5jttUSRC2/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFIZA==
- 61 Vermillion, J. (2023). "Getting What You Asked For." part of the AI Series 01 - An Introduction to AI for Designers Pecha Kucha. Invited presentation, moderated by Neil Leach, 1 April.
<https://www.youtube.com/live/CvzWRI5VcEc?si=olR3I64hnuTclnQ>
- 62 Vermillion, J. (2023). "An Introduction to AI for Designers." part of the DigitalFUTURES Doctoral Consortium. Online/YouTube: Digital FUTURES World, 25 February.
<https://www.youtube.com/live/Rw2hcfSQkpk?feature=share>
- 63 Vermillion, J. (2022). "Machine Learning Material Learning." AI and the Design Studio: part of the DigitalFUTURES Doctoral Consortium. Online/YouTube: DigitalFUTURES World.
<https://www.youtube.com/live/Ig00-DGb2zo?feature=share>
- 64 Vermillion, J., Claiborne, R., Fornes, M., Huang, A., Ibanez, M., Kudless, A., & Taron, J. (2018). "Design Research to Research Practice." Panel, Participant – presented at the Taylor X Symposium. Calgary, AB, Canada: Faculty of Environmental Design, University of Calgary. 23 February.
- 65 Vermillion, J. (2017). "Parametric Design with Rhino and Grasshopper". Innova Technologies, Las Vegas, 20 June.
- 66 Strain, E., Vera, M. & Vermillion, J. (2016). "Talks with Architects." Las Vegas, NV: Brett Wesley Gallery, March.
- 67 Vermillion, J. & Daas, M. (2010). "Gallery Talk with ACADIA Exhibition Participants". Public Roundtable Discussion, Great Hall, Cooper Union, 2010 ACADIA Conference, New York, 23 October.

INVITED / PAID WORKSHOPS

- 68 Vermillion, J. (2025). "Diffusion Architectures Workshop." College of Architecture and Planning, Ball State University, Muncie, IN. 3 February.
- 69 Vermillion, J. (2024). "Generative-AI Presentation and Workshop." Tilt23 Studios, Las Vegas. 8 July.
- 70 Vermillion, J. (2024). "Generative-AI Presentation and Workshop." CSO Architects, Indianapolis. 6 June.
- 71 Vermillion, J. (2024). "Midjourney Architectural Brainstorming." Online international workshop in partnership with the Design Midjourney organization. 6-7 April.
https://www.instagram.com/p/C5OYxs-MXRx/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFIZA==
- 72 Vermillion, J. (2024). "AI-Augmented Creative Workflows – Studio Joshua Vermillion." International online workshop in partnership with PAACADEMY & Parametric Architecture. 23-24 March.
<https://parametric-architecture.com/ai-augmented-creative-workflows-studio-joshua-vermillion/>
- 73 Vermillion, J. (2024). "Generative-AI + Architecture Presentation and Workshop." Fay Jones School of Architecture, University of Arkansas. Fayetteville, Arkansas: Fay Jones School of Architecture, University of Arkansas. 5 February.
<https://fayjones.uark.edu/news-and-events/news-detail.php?id=69827>
- 74 Vermillion, J. (2023). "Generative-AI Presentation and Workshop." Daniel Joseph Chinen Architects, Las Vegas. 7 December.
- 75 Vermillion, J. (2023). "Generative-AI Presentations and Workshop Series." DESIGNLAB Experience, Dubai, UAE. 13-17 November.

- 76 Vermillion, J. (2023). "Generative-AI Presentation and Workshop." Simpson Coulter Studio, Las Vegas. 16 October.
- 77 Vermillion, J. (2023). "Generative-AI Presentation and Workshop." Washington State University School of Design and Construction, Online. 3-5 October.
- 78 Vermillion, J. (2023). "Generative-AI Presentation and Workshop." University of Arizona, CAPLA, Online. 6 September.
- 79 Vermillion, J. (2023). "Generative-AI Presentation and Workshops." Workshop for the New York and Los Angeles creative marketing offices of MKG, Online. 16 & 22 August.
- 80 Vermillion, J. (2023). "Generative-AI Image Making Workshop." UNFOLD 0.2, Navi Mumbai, India. 1-4 July.
- 81 Vermillion, J. (2023). "Generative-AI Presentation and Workshop." Department of Architecture, Ball State University, Online. 1 April.
- 82 Vermillion, J. (2023). "Spatial Effects with Midjourney." Presentation and workshop on AI and design for Architekt Studio, Phoenix, AZ, 28 March.
- 83 Vermillion, J. (2023). "Spatial Effects with Midjourney." Presentation and workshop on AI and design for Jones Studio, Phoenix, AZ, 19 January.
- 84 Vermillion, J. (2023). "Generative-AI Presentation and Workshop." Factory360, New York. 12 May.
- 85 Vermillion, J. (2023). "Spatial Effects with Midjourney 2.0 Workshop." Parametric Architecture / PA Academy. 27-28 May.
<https://parametric-architecture.com/spatial-effects-with-midjourney-2-0-studio-joshua-vermillion/>
- 86 Vermillion, J. (2023). "Spatial Effects with Midjourney w/ Studio Joshua Vermillion." Led workshop as part of the Parametric-Architecture Academy, 4-5 March.
<https://parametric-architecture.com/spatial-effects-with-midjourney-studio-joshua-vermillion/>
- 87 Vermillion, J. (2010). "Parametric Design + Physical Computing Workshop." Faculty of Environmental Design, University of Calgary, 24-28 January.
- 88 Klinger, K. & Vermillion, J. (2008). "Rhino Scripting Workshop." School of Architecture, Southern Illinois University, Carbondale, IL, 9-11 September.
- 89 Klinger, K. & Vermillion, J. (2008). "Digital Design to Production Workshop." Universidad Anahuac, Mexico City, June.
- 90 Vermillion, J., Hinshaw, C., Marquez, W. & Yeshayahu, S. (2007). "Generative Design Charrette and Workshop." A2SO4 Design, Indianapolis, IN, September.
- 91 Klinger, K. & Vermillion, J. (2007). "Design + Fabrication Workshop." College of Design, University of Kentucky, March.
- 92 Klinger, K. & Vermillion, J. (2006). "Computational Design Workshop." A2SO4 Design, Indianapolis, IN, December.

CAMPUS TALKS + PRESENTATIONS

- 93 Vermillion, J. (2016). "The Digital Craftsperson". Graduate Research Methods Course, UNLV School of Architecture, 26 October.
- 94 Vermillion, J. (2016). "Complex Architectures". Slide Slam, UNLV School of Architecture, 17 February.
- 95 Vermillion, J. (2015). "Robots and Sensing Architecture". Marjorie Barrick Museum, as part of "Reflecting and Projection: Twenty Years of Design Excellence". American Institute of Architects, University of Nevada Las Vegas, 28 January.
- 96 Vermillion, J. (2013). "Emerging Design Technologies". DesignWorks High School Summer Design Program, College of Architecture and Planning, Ball State University, 26 June.
- 97 Vermillion, J. (2010). "Smart Scrap". Emerging Media Faculty Symposium, Ball State University, 8 April.

- 98 Vermillion, J. (2010). "How I Learned to Stop Worrying and Love Geometry". CAP Faculty Symposium 2010, Ball State University, 31 March.
- 99 Vermillion, J. (2009). "Managing the Design-Fabrication Feedback Loop: Visualizing Collaborative Digital Exchanges between Industry and the Academy". Emerging Media Faculty Symposium, Ball State University, 8 April.
- 100 Vermillion, J. (2008). "Designer as Toolmaker: Crafting the Information between Designers, Makers + Machines". CAP Faculty Symposium 2008, Ball State University, 2 April.
- 101 Vermillion, J. (2006). "I-MADE: Latest work from the Institute for Digital Fabrication". Philanthropy Advisory Council Meeting, Lunch Keynote, Ball State University, October.

Design Exhibitions

- 1 *The New Real*. (2025). Peer-reviewed Group Exhibition. Hornig Areal Festival Center, Graz, Austria for Design Month. 9 May – 1 June.
- 2 *Future Minds: AI*. (2025). Invited Solo Exhibition of work at AI summit. The Four Seasons Hotel Abu Dhabi Ballroom. Organized by Woo Capital Partners, ASG. April 9. Four bespoke videos displayed on large immersive 2m x 3m video screens.
- 3 *Transductions: Artificial Intelligence in Architectural Experimentation*. (2025). Invited / Curated Group Exhibition. The Rubelle & Norman Schaffer Gallery, Pratt Institute, Brooklyn, NY. Organized by Pratt Institute School of Architecture and The Pratt Institute Department of Exhibitions. Curators: Jason Vigneri-Beane, Stephen Slaughter, Olivia Vien, Hart Marlow. February 7 – March 15.
<https://www.pratt.edu/events/transductions-artificial-intelligence-in-architectural-experimentation/>
- 4 *Constructing Futures Exhibition*. (2024). Invited / Curated Group Show for Detroit Month of Design. 1001 Woodward Ave, Detroit. Sponsors: ABB, Lawrence Technical University, Bedrock, Rossetti, Albert Kahn, Castell. Curators: Karl Daubmann & Sara Codarin. September 5 – October 7.
<https://constructingfutures.design/Exhibit-Main-Page>
- 5 *Architecture After AI*. (2024). Travelling Invited / Curated Group Exhibition. ENVD Gallery, Boulder, CO: School of Environmental Design, University of Colorado Boulder. Curators: Kory Bieg, Clay Odom & Daniel Koehler. October 14 – November 12.
<https://calendar.colorado.edu/event/architecture-after-ai>
- 6 *Architecture After AI*. (2024). Travelling Invited / Curated Group Exhibition for Boulder's Month of Modern. The Bus Stop Gallery, Boulder, CO. Curators: Kory Bieg, Clay Odom & Daniel Koehler. September 6 – 30.
- 7 *Art & IA rencontre improbable*. (2024). Invited / Curated Group Exhibition. Hall of the Communal Council. Grandson, Switzerland: Commune de Grandson and ProGrandson Association. Curator: Jorge Canete. February 22 – March 17.
- 8 *WePresent: Joshua Vermillion and AI Design*. (2023). Invited / Curated Exhibition of Work as part of Collaboration with WeTransfer / WePresent. NOW Arcade, Outernet Gallery, London, UK. Part of the Outernet Gallery's public video rotation, July 1 – September 5.
- 9 *UNFOLD 0.2*. (2023). Invited / Curated Exhibition. FOLDS Design Studio, Mumbai, India. Curators: Krishna Murthy & Anishka Maiti. 1 July – 15 July.
- 10 *Architecture After AI*. (2023). Invited / Curated Group Exhibition. Mebane Gallery, University of Texas at Austin School of Architecture. Curators: Kory Bieg, Clay Odom, Daniel Koehler. January 30 – February 24.
- 11 */artificial/*. (2022). Invited Group Exhibition. Centro Gabriela Mistral Cultural Centre. Santiago, Chile: CityLab. Curator: George Lever. October.

- 12 Vermillion, J., deSalvatierra, A. & Solano, S. (2019). "GLEECerin: Notational Models." Traveling Peer-reviewed Group Exhibition, *PLAY with the Rules: The Portmanteau*. Priscilla Fowler Fine Art Gallery. Las Vegas, NV. October 31 – December 14.
- 13 Vermillion, J., deSalvatierra, A. & Solano, S. (2019). "GLEECerin: Notational Models." Traveling Peer-reviewed Group Exhibition, *PLAY with the Rules: The Portmanteau*. College of Architecture and Planning, University of Colorado Denver. Denver, CO. March.
- 14 Vermillion, J., deSalvatierra, A. & Solano, S. (2018). "GLEECerin: Notational Models." Peer-reviewed Group Exhibition, *PLAY with the Rules: The Portmanteau*. The Schroder Galleria, Milwaukee Art Museum, Milwaukee, WI. American Collegiate Schools of Architecture 2018 Fall Conference. October 11 -November 4.
<https://www.acsa-arch.org/play-with-the-rules-pavilion-portmanteau/>
- 15 *Design Computing 2018 Exhibition*. (2018). Invited / Curated Group Exhibition. Faculty of Architecture, Czech Technical University, Prague. Curators: Henri Achten, Milos Florian & Dana Motejovska. October 10 – 17.
- 16 Vermillion, J. & Anderson, J. (2014). "Office Vignette for 2030." Invited / Curated Group Exhibition. *Reflection + Projecting*. Marjorie Barrick Art Museum, Las Vegas, NV. December 10 – February 28.
- 17 *Simple Parts, Complex Effects*. (2014). Invited Solo Exhibition. Kasian Gallery, University of Calgary, Alberta, 10 February-7 March.
- 18 Daas, M., Vermillion, J., Boone, E., Brockmeyer, E., Buente, A. & Perry, K. (2010). "Morpholuminescence." Peer-reviewed Group Exhibition for the 30th Annual ACADIA Conference. *LIFE in:formation, On Responsive Information and Variations in Architecture*. Seigel Gallery, Pratt Institute, Brooklyn, NY. October-November. Catalog p. 114-117.
- 19 *SPOT ON SCHOOLS Exhibition*. (2009). Invited / Curated Group Exhibition for the Beyond Media Festival for Architecture and Media. Stazione Leopolda, Florence, Italy. July 9-17.
- 20 *Systemic Formats Exhibition*. (2007). Invited Group Exhibition. Cultural Department of the Catalan Architects Association in Barcelona (COAC), Barcelona, Spain. Curator: Ana Placatala. October-November.
- 21 *Future Tense Exhibition*. (2006). Peer-reviewed Group Exhibition. Harrison Gallery, Indianapolis, IN. September.
- 22 *Digital Tools + Analog Methods Exhibition*. (2004). Peer-reviewed Group Exhibition for the ACSA National Meeting, Miami Beach, FL. March.

Published Creative Work

- 1 Vermillion, J. (2025). "Friendly Desert Alien." Illustration and design work published in *Midjourney Magazine* 6, no. 25: 104.
- 2 Vermillion, J. (2024). "Create show-stopping interior design installations with Image Creator." Microsoft: Learn from Creative Experts.
<https://create.microsoft.com/en-us/learn/articles/create-show-stopping-interior-design-installations-image-creator>
- 3 Vermillion, J. (2024). "Create unique outdoor architectural installations in Microsoft Designer." Microsoft: Learn from Creative Experts.
<https://create.microsoft.com/en-us/learn/articles/create-mesmerizing-outdoor-architecture-microsoft-designer>
- 4 Vermillion, J. (2024). "Create winning patio designs with Image Creator." Microsoft: Learn from Creative Experts.
<https://create.microsoft.com/en-us/learn/articles/create-winning-patio-designs-image-creator>
- 5 Vermillion, J. (2024). "Dream up treehouse design concepts with Image Creator." Microsoft: Learn from Creative Experts.
<https://create.microsoft.com/en-us/learn/articles/dream-up-treehouse-design-concepts-with-image-creator>
- 6 "Follow the Yellow Brick Load." Illustration work published in Sanches, E. (2024). "Terra Dos Sonhos (Dreamland)." *ELLE Decoration Brazil*, Vol 3, June 2024.

- 7 Images and biography published in Marchese, K. (2024). "6 AI Artists You Should Follow Right Now: Reshaping industries, from architecture to fashion, discover how these content creators are pushing creative boundaries and changing the future of artificial intelligence." *Architectural Digest Middle East*. 18 July 2024. <https://www.admiddleeast.com/story/ai-artists-you-should-follow-right-now>
- 8 Vermillion, J. (2024). Two illustrations: "Glass Vaults" & "Cloud Interior," published in "Croyance." *Veritas / Trends: TEXWORLD EVOLUTION Spring Summer 2025 Trendbook*. Paris, France: Messe Frankfurt, p. 10. <https://texworld-paris.fr.messefrankfurt.com/paris/en/programme-events/trends.html>
- 9 "Follow the Yellow Brick Load." Illustration work published in ELLE. (2024). "Six artists fascinated by AI technology unleashed their imagination." *ELLE Decoration Korea*, 10 February 2024. <https://www.elle.co.kr/article/83846>
- 10 Vermillion, J. D. (2024). "Five Quick Workflows to Integrate AI into your Design Process." IDEASSS. <https://ideasss.com/news/1401922319179776>
- 11 "Gestation." Illustration work published in Muñoz, E. (2024). *Viewpoint Colour Magazine: Arise*, #15, Pantone, Barcelona, Spain. <https://www.viewpointcolormagazine.com/publications/viewpoint-colour-magazine-15-arise>
- 12 (2024). "Official Teaser: Bespoke, Now AI-Powered | Samsung." Illustration and design work for Samsung. I was commissioned by Samsung for my gen-AI art work to be featured in their Bespoke AI-Powered product line teaser video and roll out. This video was released by Samsung and all of its social media accounts in early April 2024. For example: https://www.instagram.com/reel/C5SBWjip6eP/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFIZA==
- 13 Interview and work published in Hulick, K. (2024). "Does AI steal art or help create it? It depends on who you ask: Human artists' place may be changing in a world full of bot-generated images." *Science News Explores*. June 6. Online source: <https://www.snexplores.org/article/ai-art-artists-image-generators-steal-create>
- 14 Hulick, K. (2024). "Multimedia Art Installations." *Front Vision*, 128–129. A writeup about my work with generative-AI in Chinese art and design publication.
- 15 Interview and work published in Six, N. (2024). "On Instagram, the search for the meaning of artists using AI: 'These images are not entirely mine,'" *Le Monde*, 16 February. https://www.lemonde.fr/pixels/article/2024/02/16/sur-instagram-la-recherche-de-sens-des-artistes-utilisant-l-ia-ces-images-ne-sont-pas-entierement-les-miennes_6216955_4408996.html
- 16 Vermillion, J. (2023). "Joshua Vermillion: A Visual Essay." *Telescope Magazine*, no 1, December. p. 114–129. <https://www.telescopemagazine.com>
- 17 Generative-AI design work published in Lopez, E. (2023). "Human & Technology: Symbiosis with Machines Offer a New Reality Impossible to Imagine Before this Alliance." *VIEWPOINT Colour Magazine*, no. 14. Barcelona, Spain, p. 42-43. <https://www.view-publications.com/all-publications>
- 18 Mention and example of my gen-AI work published in Infante, E. (2023). "Trending in 2024." *ELLE Decor Spain*, December, p 39.
- 19 Cover illustration & design work published in Metzner, M. (2023). "AI Brings Quite a Boost" [translated from German]. *Interior Fashion Magazine*, Berlin, Germany, p. 14–17.
- 20 "Follow the Yellow Brick Load" illustration published in Hulzer, K. (2023). "The Wonderful World of AI - AI Style" [Translated from Dutch]. *ELLE Decor Netherlands*, September, p. 63.
- 21 Vermillion, J. (2023). An illustration: "Troglydyte." Published in *Apres Vous: TEXWORLD EVOLUTION Autumn Winter 2024-25 Trendbook*. Paris, France: Messe Frankfurt, p.20.
- 22 Mention and generative-AI work published in Heatherwick, T. (2023). *Humanize: A Maker's Guide to Designing Our Cities*, New York, NY: Simon & Schuster, p. 466–467.

- 23 Vermillion, J. (2023). "Shelter/Sanctuary/Sanctum" Illustrations for issue III of *Storms, a Journal of Poetry, Prose & Visual Art*. Castletown, Ireland, p. 3, 37, 91.
- 24 Sidant, A. (2023). "12 Inspiring AI Designers You Should Follow on Instagram." *PA / Parametric Architecture*. <https://parametric-architecture.com/12-inspiring-ai-designers-you-should-follow-on-instagram/>
- 25 Sheth, S. (2023). "Top 5 Midjourney Artists Using AI to Blur the Lines Between Art and Architecture." Yanko Design Blog. <https://www.yankodesign.com/2023/06/27/top-5-midjourney-artists-using-ai-to-blur-the-lines-between-art-and-architecture/>
- 26 Vermillion, J. D., Mihajlovic, M., Ostojić, A., Tabašević, M., & Ukropina, U. (2023). "Maja Mihajlovic za Monize: Impossible is Possible." *Harper's BAZAAR Serbia*. <https://www.harpersbazaar.rs/moda/trendovi/harpers-bazaar-x-monize-impossible-is-possible>
This was a team effort to produce the first gen-AI-photo-hybrid cover and fashion editorial for Harper's Bazaar. All sets, scenes, and environments were generated by me using generative-AI tools.
- 27 Design projects published in Klinger, K. (2020). "iMADE: Connecting Globally, Making Locally."
- 28 Studio teaching outcomes published in Solano, S. & de Salvatierra, A. (2019). "Notational Topographies and Experiential Literacies through Constructive Drawings." chapter in Nadia Amoroso (ed). *Representing Landscapes: Analogue*. New York: Routledge.
- 29 Two creative projects—"Ghosts of Las Vegas" and "Field Instrument" were shown and discussed in Brause, C. (2017). *The Designer's Field Guide to Collaboration*. New York: Routledge. <https://doi.org/10.4324/9781315753584>
- 30 Installation design work published in Soto-Rubio, M. (2017). *The Making of Architecture*. Calgary: University of Calgary Faculty of Environmental Design. "Responsive Prototypes" featured in monograph of design-build projects.
- 31 Collaborative work published in Jones, J. (2015). "2015 R+D Awards: Citation: Co-Robotics and Construction." *Architect Magazine*, 27 July.
Online source: http://www.architectmagazine.com/awards/r-d-awards/citation-co-robotics-and-construction-oscr-1-4-prototypes_o
- 32 Work published in Willis, S. (2014). "For These Rebels, a Chance to Shelter the Homeless." *Vegas Seven*, 15 April.
Online source: <http://vegasseven.com/2014/04/15/rebels-chance-shelter-homeless/>
- 33 Work published in Gregory, A. (2012). "Taking Back Territory: Adapting Architectural Education and Practice to Reclaim the Role of Master Builder." *Forward Journal* 12.1 (2012): 118-133.
- 34 Work published in Sterling, B. (2012). "Designer Furniture for the Center for Media Design." *WIRED.com*, April.
Online source: http://www.wired.com/beyond_the_beyond/2012/04/designer-furniture-for-the-center-for-media-design/
- 35 Work published in *suckerPUNCH*. (2010). "Morpholuminescence".
Online source: <http://www.suckerpunchdaily.com/2010/01/18/morpholuminescence/>
- 36 Work published in Jordana, S. (2009). "Works from i.M.A.D.E." *ArchDaily*, 19 August.
Online source: <http://www.archdaily.com/32651/works-from-imade/>
- 37 Work published in Preston, J. (2008). "Affecting Data". *AD: Interior Atmospheres*. London: Wiley. Volume 78, Issue 3, pp. 36-45.
- 38 Work published in Klinger, K. (2008). "Relations: Information Exchange in Designing and Making Architecture". Chapter in B. Kolarevic, K. Klinger (eds.), *Manufacturing Material Effects: Rethinking Design and Making in Architecture*. London: Routledge, pp. 26-36.

Published Interviews + Feature Articles

- 1 Dickensheets, S. (2025). "More from Joshua Vermillion on the Desert Air podcast." *Desert Air Podcast*, Nevada Public Radio, 16 April. <https://knpr.org/2025-04-16/three-questions-josh-vermillion>
- 2 Dickensheets, S. (2025). "Three Questions: Josh Vermillion." *Desert Companion*, Nevada Public Radio, 16 April. <https://knpr.org/2025-04-16/three-questions-josh-vermillion>
- 3 Krannich, L. (2025). "Digital Craft Innovator." *WOW World Magazine*, Emotive Machines, no. 4. Dessau, Germany: 81-84.
- 4 Vatandoust, P. (2025). "Visionary of the Digital Age: Joshua Vermillion (translated)." *Marie Claire*, Istanbul, Turkey, February 2025 issue: 108-110.
- 5 Jemal, S. (2025). "Joshua Vermillion." *AI Architects Magazine*, Paris, France: 60-67.
- 6 Dreamflare AI. (2024). "Creator Live Stream with Joshua Vermillion," Instagram Live, 2 October. https://www.instagram.com/reel/DAoRE-ISC1b/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFIZA==
- 7 365+ ART. (2024). "Featured: Joshua Vermillion." *365+ ART: Architect-2*, 68, 53. <https://ko-fi.com/s/ba08ae07f5>
- 8 Sedouramane, H. (2024). "Architect J. Vermillion on AI: the start of what looks to be a big sea change." *Hello Future*. Orange, Paris, France. <https://hellofuture.orange.com/en/architect-j-vermillion-on-ai-the-start-of-what-looks-to-be-a-big-sea-change/>
- 9 Rose, R. (2024). "Joshua Vermillion: extraordinary digital craft." *Explore Art Magazine*. March 2024. <https://www.exploreartproject.com/exploreartmag>
<https://indd.adobe.com/view/d26d5ccc-d928-4c81-8053-eb4a3cd3b891>
- 10 Bassi, M. (2023). "Crafting the Future: An Interview with Joshua Vermillion." Interview by Marco Bassi. *LOTUS Art in Motion*. <https://lotusartsinmotion.com/interview/joshua-vermillion/?usid=16&utid=37049063353>
- 11 Moulson, S. (2023). "An Artistic Renaissance?: Joshua Vermillion." *Lifestyle Algarve Magazine*, Algarve, Portugal, 30–33. <https://lifestylemag.pt/magazine/la014/>
- 12 Naeser, T. (2023). "Fantastische Installationen: Artifizielle Intelligenz." *FOTOpuls*, 8–10. https://www.vhs-nord.de/fileadmin/user_upload/Downloads/Fotopuls-2-2023-komprimiert.pdf
- 13 Utikum Ikiz, S. (2023). "Exploring the AI Frontier in Architecture: Insights from Joshua Vermillion." *PA / Parametric Architecture*. <https://parametric-architecture.com/exploring-the-ai-frontier-in-architecture-insights-from-joshua-vermillion/>
- 14 Griffiths, A. (2023). "Joshua Vermillion -- How AI Art Tools could Revolutionize Architectural Design." *WePresent by WeTransfer*. <https://wepresent.wetransfer.com/stories/joshua-vermillion-ai-architecture>
- 15 Salinas, H. (2023). "Joshua Vermillion: Bridging Architecture and AI-Driven Art." *AATONAU!* <https://aatonau.com/joshua-vermillion-bridging-architecture-and-ai-driven-art/>
- 16 Naeser, T. (2023). "Fantastic Worlds in the Museum." *Photonworld Magazine*. <https://www.photonworld.de/nc/en/magazine/featurearticle/fantastic-worlds-in-the-museum/fseite/1.html>
- 17 PA Next Team (2022). "AI-Generated Tools as a Generative Sketchbook of the Imagination", *Parametric-Architecture.com*, December 23. Online: <https://parametric-architecture.com/ai-generated-tools-as-a-generative-sketchbook-of-imagination/>
- 18 Steven Forrester (2022). "Are AI Systems Creative?" *Better Buildings, Better Society Podcast*, <https://www.podbean.com/ep/pb-ykmpz-132ef65>, December 7. Interviewed by Steven Forrester of DMA Engineering about my research and creative work with Artificial Intelligence Diffusion Models and Machine Learning.

Media Contributions

- 1 Callebs, S. (2024). "AI in Focus." Chinse Global Television Network (CGTN), 24 February. Televised live interview:
CGTN's Sean Callebs spoke to Joshua Vermillion, Associate Professor in the School of Architecture at University of Nevada, Las Vegas about the global fashion design industry and the impact of artificial intelligence and innovation on design and business.
https://www.youtube.com/watch?v=L_LynMKf4ek
- 2 Heilweil, R. (2023). "The Sphere is Here. Are We Ready for More High-Tech Architecture?" *Smithsonian Magazine*, 16 October. Quoted throughout the article.
<https://www.smithsonianmag.com/innovation/the-sphere-is-here-are-we-ready-for-more-high-tech-architecture-180983077>
- 3 Miranda, C. (2023). "Sphere can be bizarre and sublime—or just an ad. That's what makes it so Vegas." *Los Angeles Times*, 13 September. Quoted in the article.
<https://www.latimes.com/entertainment-arts/story/2023-09-13/las-vegas-sphere-can-be-bizarre-and-sublime-or-just-an-ad>
- 4 Sodoma, B. (2014). "Circuit Boards, Bricks & Mortar: Call Your House, it Wants to Talk to You." *David Magazine*, April. Quoted throughout the article.
Online source: <http://www.davidlv.com/2014/04/live/test.php>

Teaching Experience

2013-present

COURSES TAUGHT AT UNIVERSITY OF NEVADA LAS VEGAS

AAE 771L Graduate Architectural Design Studio
AAE 772L Graduate Architectural Design Studio
AAE 711L Graduate Preparatory Design Studio
AAE 767 Design Communications Media
AAE 495/695 Advanced Computational Architecture
AAE 482 Architectural Design IV
AAE 480 Architectural Design III
AAE 380 Architectural Design I
AAD 367 Advanced Digital Media
AAE 282 Design Foundation III
AAE 280 Design Foundation II
AAD 267 Introduction to Digital Media
AAE 180 Design Foundation I

GRADUATE ADVISING AT UNIVERSITY OF NEVADA LAS VEGAS

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|------|--|
| 2020 | Master of Fine Arts Thesis Committee Member. Elizabeth Haynes, "Sustainability in Theatrical Production." |
| 2018 | Master of Architecture Thesis Committee Member. Asawari Pawar, "Human Thermal Comfort in the Transition Spaces." |
| 2018 | Master of Architecture Thesis Committee Member. David McCredo, "Design Guidelines and Strategies for Thermal Solar Management of Fenestration in the Desert Climate." |
| 2016 | Master of Architecture Thesis Committee Member. Johny Corona, "Identify an Ideal Residential Wall Assembly for Las Vegas Climate Considering Construction Cost, Energy Performance and Embodied Energy." |
| 2016 | Master of Architecture Thesis Committee Member. Adam Bradshaw, "Water Harvesting Method and the Built Environment: The Role of Architecture in Providing Water Security." |

- 2016 Master of Architecture Thesis Committee Member. Sean Zurko, "Innovative Fiber-Optic / Thin-Film Photovoltaic Systems: Adequately Redistributing Daylight While Harvesting Energy."
- 2015 Master of Architecture Thesis Committee Member. Ludwing Vaca, "Architectural Form, Orientation, and Energy for Residential Design in the Southern Nevada Region."
- 2015 Master of Architecture Thesis Committee Member. John Carroll, "What is the best residential roof assembly for the U.S. Desert Southwest, with respect to cost, energy efficiency and embodied energy concerns."
- 2015 Master of Architecture Thesis Committee Member. Nicholas Inouye, "Design Guidelines to Select Systems and Strategies to Achieve Adequate Indoor Air Quality in the Mojave Desert Climate Region."
- 2014 Master of Architecture Thesis Committee Member. Milica Tajsic, "Building Envelope for Energy-Efficient Townhomes, A Case Study for DOE Challenge Home Student Design Competition."
- 2013 Master of Architecture Thesis Committee Member. Rhett Noseck, "The Water Wall – A Passive Solar Collection and Thermal Massing Device for Supplementary Radiant Heating."

UNDERGRADUATE ADVISING AT UNIVERSITY OF NEVADA LAS VEGAS

- 2017 Undergraduate Honors College Thesis Committee Member. William Zheng, "Smart Cities."

NEW COURSES + CURRICULA DEVELOPED AT UNIVERSITY OF NEVADA LAS VEGAS

- 2020 Revisions to the 3+ sub-plans for our Master of Architecture program. Changes centered on preparing our 3+ (bridge) students through better sequencing of courses.
- 2020 AAE 767 Design Communications Media (new course) - AAE 767 was a new course, added to our 3+ bridge sub-plans for our Master of Architecture program. The course is a co-requisite with the program's first design studio and focuses on design communications media (drawing, modeling, simulating), drawing typologies, and the feedback loop between design and representation.
- 2014 AAD 367 Advanced Computer Applications in Architecture (new course)
- 2013 AAD 267 Computer Applications in Architecture (existing course re-developed with Jonathon Anderson)

2004-13 COURSES TAUGHT AT BALL STATE UNIVERSITY

ARCH 100 Introduction to Architecture
 ARCH 103 Graduate (Career-change) Architectural Design Studio
 ARCH 163 Graduate (Career-change) Design Communications Media
 ARCH 201 Architectural Design Studio
 ARCH 202 Architectural Design Studio
 ARCH 261 Design Communications Media
 ARCH 263 Digital Design
 ARCH 402 Advanced Topics Design Studio
 ARCH 502 Graduate Advanced Topics Design Studio
 ARCH 581 Digital Design + Fabrication Foundations I Graduate Elective
 ARCH 582 Digital Design + Fabrication Foundations II Graduate Elective
 ARCH 598 Digital Design + Fabrication Advance Elective
 CAP 102 Foundation Design Studio
 CAP 162 Design Communications Media

NEW COURSES + CURRICULA DEVELOPED AT BALL STATE UNIVERSITY

DFab Graduate Certificate Program (12 credit hours)
 ARCH 581 Digital Design + Fabrication Foundations I Graduate Elective
 ARCH 582 Digital Design + Fabrication Foundations II Graduate Elective
 ARCH 593 Digital Design + Fabrication Applications Seminar

ARCH 594 Immersive Practicum Lab
ARCH 263 Digital Design

INDEPENDENT STUDY ADVISING AT BALL STATE UNIVERSITY

2013	Jeannie Sego. "Interactive Architecture Prototypes"
2012	Robert Cichocki. "Catalytic Conversions"
2011	Michael Bolatto, Tyler Cox, Neil Hoerstman. "ZIPP Display Wall Prototyping"
2011	Ben Fruehling. "Furniture Prototypes"
2011	Gabrielle Sorrento. "Parametric Design of Performative Building Envelopes"

HONORS COLLEGE THESIS ADVISING AT BALL STATE UNIVERSITY

2012	David Smith. "Force and Form"
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GRADUATE ADVISING AT BALL STATE UNIVERSITY

2013	Master of Architecture Thesis Committee Chair. Tyler Cox + Michael Bolatto, "Cloud-Context"
2013	Master of Architecture Thesis Committee Member. Tianxiao Peng, "Phenomenate"
2012	Master of Architecture Thesis Committee Member. Andre Haffenden, "Genetic Algorithmic Architecture: Optimizing Digital Design Through Evolutionary Processes"
2012	Master of Architecture Thesis Committee Member. Curt Shriner, "Against the Odds: Energy Efficient Casino Design"
2008	Master of Architecture Thesis Committee Member. Christopher Reiter, "Re-Wiring Architecture for Mobile Technologies: New Types of Built Environments Informed/ Engendered by Mobile Privatization"
2006	Master of Architecture Thesis Committee Member. Nutthawut Piriyaarakob, "Scrap Compiling: Using Digital Technology to Manipulate Scraps from Construction Sites in Order to Create Architecture"

University Design Juries

- 1 Online Guest Juror. (2025). Design-Build Studio. School of Architecture, University of Arizona, 31 March.
- 2 Online Guest Juror. (2025). Master of Science in Computational and Advanced Design Studio, Design Morphine & University of Architecture, Civil Engineering, and Geodesy, Sofia Bulgaria, 29 March.
- 3 Invited Juror. (2023). Year Four Undergraduate Research Studio, Washington State University, 5 December.
- 4 Invited Juror. (2022). Graduate Urban Design Studios, Thomas Jefferson University, Philadelphia, 7 December.
- 5 Online Guest Juror. (2021). Graduate Design Studio, University of Calgary, Calgary, AB, 1 October.
- 6 Online Guest Juror. (2020). Graduate Design Studio, University of Calgary, Calgary, AB, 16 December.
- 7 Online Guest Juror. (2020). Robotics and Masonry Graduate Seminar, University of Calgary, Calgary, AB, 3 April.
- 8 Online Guest Juror. (2013). Graduate Seminar. Faculty of Environmental Design, University of Calgary, 12 February.
- 9 Invited Guest Juror. (2012). Graduate Comprehensive Design Studios. School of Architecture and Interior Design, University of Cincinnati, 31 May.
- 10 Invited Guest Juror. (2012). Undergraduate Installation Design-Build Studios. Knowlton School of Architecture, Ohio State University, 30 May.

Other Evidence of Effective Teaching

- 1 Four student design projects from my 2023 spring fourth year studio were included in a design exhibition at the National Building Museum in Washington. The show is titled: Capital Brutalism.
The exhibit reimagines new uses for DC's aging brutalist buildings and includes work from Diller Scofidio and Renfro, Brooks and Scarpa, Gensler, and others. Prior to the National Building Museum, the show was installed at the Southern Utah Museum of Art. Many thanks to the organizers / curators / museum staff, including Angela Person, Ty Cole, and Deane Madsen.
The exhibition was featured in:
1) Architectural Record: <https://www.architecturalrecord.com/articles/16959-exhibitions-at-the-national-building-museum-explore-dc-brutalism-and-frank-lloyd-wright-in-pennsylvania>
2) Azure: <https://www.azuremagazine.com/events/capital-brutalism/>
3) Architect Magazine: https://www.architectmagazine.com/design/exhibit-examines-d-c-s-polarizing-brutalist-buildings_o
4) The Washington Post: <https://www.washingtonpost.com/dc-md-va/2024/07/10/brutalist-buildings-dc-architects/>
5) Architects Newspaper: <https://www.archpaper.com/2023/10/southern-utah-museum-art-brutal-dc-reimagine-brutalism/>
Student work shown:
"The Ignation Library" – Cameron Reese, Dane Cobb, Devan Rendon
"Cathedral of Books" – Alyanna Mercado, Richard Martinez, Trisha Sinamban
"Figure 152" – Emmanuel Munoz, Ivan Gonzalez-Vazquez, Kayla LaRose
"The Hanging Gardens" – Fabio Menendez, Judy Shaban, Maria Peniazek
Fourth year architecture studio faculty: Eric Strain, Joshua Vermillion
- 2 Trexy Dunham, a student from my spring 2022 studio, won an AIA Design Honor Award in the Academic Category for her studio project, entitled "NV Family Friendly Housing."

Design Competition Juries

- 1 Design Competition Jury Member (2024). *Open Prompters Contest*, Barcelona, Spain.
<https://www.openprompters.com/>
- 2 Design Competition Jury Member (2024). *Non-A AI Museum International Design Competition*, Rome, Italy.
<https://www.non-a.com/open-architecture-competitions/ai-museum/>
- 3 Design Competition Jury Member (2024). *Unfold 0.3 Design + Build Competition 2024*, Mumbai, India.
<https://www.instagram.com/unfoldseries/?hl=en>
- 4 Design Competition Jury Member (2024). *Parametric Architecture AI Creative Challenge 5.0*, Parametric Architecture Academy, Istanbul, Turkey.
<https://parametric-architecture.com/ai-creative-challenge-5-0/>
- 5 Design Competition Jury Member (2024). *Charis Design Awards*, Los Angeles, US.
<https://charis.ai/jury>
- 6 Design Competition Jury Member (2023). *Unfold International Design Competition*, Mumbai, India.
https://www.instagram.com/p/Ct9e6NKyz7H/?utm_source=ig_web_copy_link&igsh=MzRlODBiNWFiZA==
- 7 Design Competition Jury Member (2023). *Parametric Architecture AI Creative Challenge International Design Competition*, Parametric Architecture Academy, Istanbul, Turkey.
<https://parametric-architecture.com/ai-creative-challenge-digital-members/>
- 8 Design Competition Jury Member (2023). *AORUS Gigabyte Unleash AI Creativity Competition and Laptop Giveaway*, AORUS, Taipei, Taiwan.
https://www.instagram.com/p/Cv2ducwrWZw/?utm_source=ig_web_copy_link&igsh=MzRlODBiNWFiZA==

Professional Service

- 2025 Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences.
- Technical Committee, Paper Reviewer. Education and research in Computer Aided Architectural Design in Europe (eCAADe) annual conference.
- 2024 Manuscript Reviewer. Perkins + Will, bi-annual Research Journal, Chicago, IL.
<https://perkinswill.com/research/>
- Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences.
- Technical Committee, Paper Reviewer. The Iberoamerican Society of Digital Graphics (SIGRADI) annual conference.
- Technical Committee, Paper Reviewer. CAAD Futures annual conferences.
- Technical Committee, Paper Reviewer. Education and research in Computer Aided Architectural Design in Europe (eCAADe) annual conference.
- Technical Committee, Paper Reviewer. The National Conference on the Beginning Design Student.
- 2023 Manuscript Reviewer. The Plan Journal.
- Technical Committee, Paper Reviewer. CAAD Futures annual conferences.
- Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences.
- Technical Committee, Paper Reviewer. The Iberoamerican Society of Digital Graphics (SIGRADI) annual conference.
- Technical Committee, Paper Reviewer. Education and research in Computer Aided Architectural Design in Europe (eCAADe) annual conference.
- Technical Committee, Paper Reviewer. The National Conference on the Beginning Design Student.
- 2022 External Reviewer, Faculty tenure case. Iowa State University.
- Manuscript Reviewer. Journal on Construction Robotics (Springer).
- External Reviewer, Faculty tenure case. University of Calgary.
- Technical Committee, Paper Reviewer. Association for Computer-Aided Architectural Design Research in Asia (CAADRIA) annual conferences.
- Technical Committee, Paper Reviewer. CAAD Futures annual conferences.
- Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences.
- Technical Committee, Paper Reviewer. The Iberoamerican Society of Digital Graphics (SIGRADI) annual conference.
- Technical Committee, Paper Reviewer. Education and research in Computer Aided Architectural Design in Europe (eCAADe) annual conference.
- Technical Committee, Paper Reviewer. The National Conference on the Beginning Design Student.
- 2021 Book Proposal Reviewer, Routledge. Esquivel, G. *Real Acts of Architecture*.

	Manuscript Reviewer. Journal on Construction Robotics (Springer). Technical Committee, Paper Reviewer. Association for Computer-Aided Architectural Design Research in Asia (CAADRIA) annual conferences. Technical Committee, Paper Reviewer. CAAD Futures annual conferences. Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences. Technical Committee, Paper Reviewer. The Iberoamerican Society of Digital Graphics (SIGRADI) annual conference. Technical Committee, Paper Reviewer. Education and research in Computer Aided Architectural Design in Europe (eCAADe) annual conference. Technical Committee, Paper Reviewer. The National Conference on the Beginning Design Student.
2020	Manuscript Reviewer. Journal on Construction Robotics (Springer). Technical Committee, Paper Reviewer. Association for Computer-Aided Architectural Design Research in Asia (CAADRIA) annual conferences. Technical Committee, Paper Reviewer. CAAD Futures annual conferences. Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences. Technical Committee, Paper Reviewer. The Iberoamerican Society of Digital Graphics (SIGRADI) annual conference. Technical Committee, Paper Reviewer. Education and research in Computer Aided Architectural Design in Europe (eCAADe) annual conference. Technical Committee, Paper Reviewer. The National Conference on the Beginning Design Student.
2019	Co-Chair, AIA/ACSA Intersections Symposium: "Bottom-up Social Change". A'19: 2019 AIA Annual Conference on Architecture, Las Vegas, 8 June. Manuscript Reviewer. Journal on Construction Robotics (Springer). Technical Committee, Paper Reviewer. Association for Computer-Aided Architectural Design Research in Asia (CAADRIA) annual conferences. Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences. Technical Committee, Paper Reviewer. The Iberoamerican Society of Digital Graphics (SIGRADI) annual conference. Technical Committee, Paper Reviewer. Education and research in Computer Aided Architectural Design in Europe (eCAADe) annual conference. Technical Committee, Paper Reviewer. The National Conference on the Beginning Design Student.
2018	Technical Committee, Paper Reviewer. Association for Computer-Aided Architectural Design Research in Asia (CAADRIA) annual conferences. Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences. Technical Committee, Paper Reviewer. The Iberoamerican Society of Digital Graphics (SIGRADI) annual conference. Technical Committee, Paper Reviewer. The National Conference on the Beginning Design Student.

- 2017 Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences.
- Technical Committee, Paper Reviewer. The Iberoamerican Society of Digital Graphics (SIGRADI) annual conference.
- Technical Committee, Paper Reviewer. The National Conference on the Beginning Design Student.
- 2016 Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences.
- Technical Committee, Paper Reviewer. The National Conference on the Beginning Design Student.
- Technical Committee, Paper Reviewer. CAADence in Architecture Conference. Budapest University of Technology and Economics.
- 2015 International Journal of Architectural Computing Peer Reviewer. Special Issue: "Sentience and System Boundaries".
- Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences.
- 2011-14 Technical Committee, Paper Reviewer. The Association for Computer Aided Design in Architecture (ACADIA) annual conferences.
- 2006 Co-coordinator. The Digital Exchange Design Exhibition for 2006 ACADIA Conference, The New Gallery, Louisville, KY, September-October.

University Service

- 2025 Graduate Awards Committee, Member, University of Nevada Las Vegas.
- ACSA Faculty Councilor, School of Architecture.
- Technology Committee, Chair, School of Architecture.
- 2024 Interim Graduate Coordinator, School of Architecture.
- Executive Committee, Member, School of Architecture.
- Graduate Awards Committee, Member, University of Nevada Las Vegas.
- ACSA Faculty Councilor, School of Architecture.
- Technology Committee, Chair, School of Architecture.
- Faculty Marshal, Spring 2024 Commencement, University of Nevada Las Vegas.
- 2023 Faculty Senate Personnel Greivance Committee, Chair, University of Nevada Las Vegas.
- Personnel Committee, Member, College of Fine Arts.
- ACSA Faculty Councilor, School of Architecture.
- Technology Committee, Chair, School of Architecture.

	Faculty Search Committee, Member, School of Architecture.
	Faculty Marshal, Spring 2023 Commencement, University of Nevada Las Vegas.
2022	Faculty Senate Personnel Greivance Committee, Member, University of Nevada Las Vegas. Personnel Committee, Member, College of Fine Arts. Personnel Committee, Chair, School of Architecture. By-Laws Committee, Member, College of Fine Arts ACSA Faculty Councilor, School of Architecture. Technology Committee, Chair, School of Architecture. Faculty Search Committee, Member, School of Architecture. Faculty Marshal, Spring 2022 Commencement, University of Nevada Las Vegas.
2021	Executive Committee, Member, School of Architecture. Personnel Committee, Chair, School of Architecture. By-Laws Committee, Member, College of Fine Arts Graduate Coordinator, School of Architecture. ACSA Faculty Councilor, School of Architecture. Graduate Awards Committee, Member, University of Nevada Las Vegas. Admissions + Recruitment Committee, Member, School of Architecture. Technology Committee, Chair, School of Architecture. CFA Research Task Force, Member, College of Fine Arts. Faculty Marshal, Winter 2021 Commencement, University of Nevada Las Vegas. Faculty Marshal, Spring 2021 Commencement, University of Nevada Las Vegas.
2020	Executive Committee, Member, School of Architecture. By-Laws Committee, Member, College of Fine Arts Graduate Coordinator, School of Architecture. ACSA Faculty Councilor, School of Architecture. Graduate Program Review Committee, Member, University of Nevada Las Vegas. Graduate Awards Committee, Member, University of Nevada Las Vegas. Admissions + Recruitment Committee, Member, School of Architecture. Technology Committee, Chair, School of Architecture. CFA Research Task Force, Member, College of Fine Arts.
2019	Executive Committee, Member, School of Architecture. By-Laws Committee, Member, College of Fine Arts Graduate Coordinator, School of Architecture. ACSA Faculty Councilor, School of Architecture. Graduate Program Review Committee, Member, University of Nevada Las Vegas.

- Graduate Awards Committee, Member, University of Nevada Las Vegas.
- Admissions + Recruitment Committee, Member, School of Architecture.
- Technology Committee, Chair, School of Architecture.
- CFA Research Task Force, Member, College of Fine Arts.
- Shop Technician Search Committee, Chair, School of Architecture.
- Faculty Marshal, Winter 2019 Commencement, University of Nevada Las Vegas.
- 2018
- Executive Committee, Member, School of Architecture.
- By-Laws Committee, Member, College of Fine Arts
- Graduate Coordinator, School of Architecture.
- ACSA Faculty Councilor, School of Architecture.
- Graduate Program Review Committee, Member, University of Nevada Las Vegas.
- Graduate Awards Committee, Member, University of Nevada Las Vegas.
- Admissions + Recruitment Committee, Member, School of Architecture.
- Technology Committee, Chair, School of Architecture.
- Lectures + Exhibits Committee, Member, School of Architecture.
- Sim Lab Coordinator, School of Architecture.
- Building Safety Committee, Member, School of Architecture.
- Shop Technician Search Committee, Chair, School of Architecture.
- Learning Technologist Search Committee, Member, College of Fine Arts.
- Faculty Search Committee, Member, School of Architecture.
- Director Search Committee, Member, School of Architecture.
- Strategic Planning Committee, Member, College of Fine Arts.
- 2017
- Admissions + Recruitment Committee, Member, School of Architecture.
- Technology Committee, Chair, School of Architecture.
- Lectures + Exhibits Committee, Member, School of Architecture.
- Sim Lab Coordinator, School of Architecture.
- Building Safety Committee, Member, School of Architecture.
- Personnel Committee, Non-tenured (non-voting) member, School of Architecture.
- Merit Committee, Member, College of Fine Arts.
- Safety Committee, Member, College of Fine Arts.
- Learning Technologist Search Committee, Member, College of Fine Arts.
- Faculty Search Committee, Member, School of Architecture.
- Director Search Committee, Member, School of Architecture.
- Strategic Planning Committee, Member, College of Fine Arts.
- NAAB Professional Accreditation Team Visit Preparation (Team room + Student Work Exhibit Design + Setup).

	Faculty Search Committee, Member, Department of Art.
2016	Admissions + Recruitment Committee, Member, School of Architecture. Technology Committee, Chair, School of Architecture. Sim Lab Coordinator, School of Architecture. Building Safety Committee, Member, School of Architecture. Personnel Committee, Non-tenured (non-voting) member, School of Architecture. Merit Committee, Member, College of Fine Arts. Safety Committee, Member, College of Fine Arts. NAAB Professional Accreditation Team Visit Preparation (Team room + Student Work Exhibit Design + Setup). Faculty Search Committee, Member, Department of Art. Faculty Search Committee, Chair, School of Architecture.
2015	Technology Committee, Chair, School of Architecture. Sim Lab Coordinator, School of Architecture. Building Safety Committee, Member, School of Architecture. Merit Committee, Member, College of Fine Arts. Safety Committee, Member, College of Fine Arts. Faculty Search Committee, Chair, School of Architecture. Faculty Search Committee, Member, Department of Art. Faculty Search Committee, Member, School of Architecture.
2014	Technology Committee, Chair, School of Architecture. Sim Lab Coordinator, School of Architecture. Building Safety Committee, Member, School of Architecture. Personnel Committee, Non-tenured (non-voting) member, School of Architecture. Safety Committee, Member, College of Fine Arts. Faculty Search Committee, Member, School of Architecture. Shop Technician Search Committee, Chair, School of Architecture.
2013	Technology Committee, Chair, School of Architecture. Sim Lab Coordinator, School of Architecture. Building Safety Committee, Member, School of Architecture. Personnel Committee, Non-tenured (non-voting) member, School of Architecture. Safety Committee, Member, College of Fine Arts. Faculty Search Committee, Member, School of Architecture.
2011	Curator + Organizer, Research in Materials and Manufacturing for Extreme Affordability Gallery Exhibition, Department of Architecture, Ball State University.

2005-07 College of Architecture + Planning IT Committee, Ball State University.

PUBLIC SERVICE / COMMUNITY ENGAGEMENT

2022 Studio volunteered for Good Deed Project (a Las Vegas non-profit).

2009-12 Volunteer web management, Beverly Willis Architecture Foundation, New York, NY.