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# JamesDoerflerArchitect

## CURRICULUM VITAE

**James A. Doerfler**  
Professor of Architecture

### education

Master of Architecture I - **Syracuse University**, School of Architecture

- Foreign Study Summer - Transitions in Modern Architecture in Scandinavia - travelling seminar throughout Denmark, Sweden, Finland & Russia
- Foreign Study - Semester in Florence, Italy Syracuse University Facolta di Architettura, with extensive travel throughout southern Europe

Bachelor of the Arts - **University of Hartford**, Art History

- Concentration in the study of architectural history, degree paper on Richard Meier and the Hartford Seminary Foundation

### qualifications

#### Licensed Architect

- New South Wales, Australia (inactive)
- State of New York, USA (inactive)

### academic experience

**Auburn University**, Auburn, AL 2022-  
Visiting Professor in Architecture 2022-

**Deakin University**, Geelong, VIC, Australia 2019 -  
Honorary Professor of Architecture 2022 -  
Professor of Architecture 2019-2022  
Chair in Architecture, head of discipline, B Design (Architecture), B Design (Architecture) + B Construction Management (Honours-dual degree), M Architecture, M Architecture (Design Management), 2019-2022 (800 students)

**Jefferson (Philadelphia University + Thomas Jefferson University)** 2017 - 2019

**Philadelphia University**, Philadelphia, PA, 2013- 2017

Professor of Architecture, tenured

Cheryl Smith, AIA Chair in Architecture, 2017-19

Director of Architecture Programs, B. Architecture, BS Architectural Studies, MS Architecture (new program 2014), M Architecture (new program 2015), 2013-19 (325 students)

**California Polytechnic State University** San Luis Obispo, CA, 2009 - 2013

Professor of Architecture, tenured 2009-2013

Interim Department Head, 2012 – 2013, B Architecture, MS Architecture (+dual degree track) (700 students)

Director of the Graduate Program in Architecture 2011 – 2013

Associate Department Head, 2010 – 2011

Associate Professor 2005-2009

**University of Technology, Sydney**, NSW, Australia, 2002 – 2005

Director of the Bachelor of Science in Architecture Degree, 2004-2005

Interim Department Head (shared position), 2004 (350 students)

Lecturer, permanent appointment, 2002 – 2005

Sessional Lecturer and Design Tutor, 1998-2002

**Syracuse University**, Syracuse, NY, 1983-1985

Teaching Assistant and Research Assistant for courses in the history and theory of Renaissance and Twentieth Century Architecture classes – Lecturer/tutor for First Year Architectural History Survey

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**Visiting Juror**, University of Navarra, Pamplona, Spain; Hochschule Ostwesfalen-Lippe, Detmold, Germany; University of Pennsylvania, Philadelphia, PA; University of Arkansas Rome Center; DIA Bauhaus, Anhalt University, Dessau, Germany; Duy Tan University, Da Nang, Vietnam; Ho Chi Minh University of Architecture, Vietnam; University of Oregon, Eugene; USC, Los Angeles; UCLA, Los Angeles; University of New South Wales, Sydney, NSW; UTS, Sydney, NSW; University of Newcastle, Newcastle, NSW; Rensselaer Polytechnic Institute, Troy, NY; Lehigh University, Bethlehem, PA; ETH, Zurich, Switzerland; Syracuse University, Syracuse, NY & Florence, Italy

**Assistant and Archive Researcher** - William Lescaze - The Rise of Modern Design in America - Traveling Exhibition on the architecture and industrial design of architect William Lescaze (1898-1969) Venues include: Everson Museum of Art, Syracuse, NY; National Academy of Design, New York, NY; Philadelphia College of Art, Philadelphia, PA; The Octagon, Washington, DC, Musee Rath, Geneva, Switzerland; ETH, Zurich, Switzerland :1984-1992

## professional experience

**James Doerfler Architects** –San Luis Obispo, CA, 2005-2013, Sydney, NSW, 2000-2005 & New York, NY, 1989-1996; Principal Architect – selected projects

- Hauck Residence, Morro Bay, CA, 2010-14
- Brumby Street Apartments proposal, Surry Hills, NSW, 2004-5
- Bridgepoint Pedestrian Bridge proposal, Mosman, NSW, 2004-5
- Balcomb-Ilinicic Residence, Earlwood, NSW, 2004-5
- Simbiosi Restaurant, Macquarie Park, NSW, 2000-2
- Doerfler Residence, Newtown, NSW, 1999-2000
- Manchester Airport Multimedia Roundabout, Manchester, UK, 1998 (Competition winner)
- Merrin Residence, Mt Kisco, NY, 1995-96 (with Richard Gluckman Architects)
- Doerfler Residence, New York, NY, 1994
- Kaj Forsblom Galerie, Zurich, CH, 1992 (with Daniel Heyden-Architect)
- Paul Kasmin Gallery, New York, NY, 1989

**Morris Bray Architects** - Sydney, NSW, 1998-2000

Project Architect – selected projects

- Conference Centre, Macquarie Park, NSW, 1999-2000
- Cruising Yacht Club of Australia, Darling Point, NSW, (Olympic project) 1999-2000
- Museum of Contemporary Art Store, Cockle Bay Wharf, Sydney, NSW, 1998

**Peddle Thorp & Walker Architects**- Sydney, NSW, 1996-1998

Project Architect/Senior Architect – selected projects

- Pyrmont Bay Wharves 8-10, Winning Development Submission, Sydney, 1997
- Auckland Viaduct - DA Submission, Auckland, New Zealand, 1997
- Museum of Contemporary Art, Sydney, NSW, 1997-98
- Daniel Thomas Residence, Hawley Beach, TAS, 1996-97
- Australian Museum Masterplan, Sydney, NSW, 1996-98
- National Gallery of Australia extension, Canberra, ACT, 1996

**Richard Gluckman Architects** - New York, NY, 1988-1993

Project Architect - selected projects

- Dia Center for the Arts, New York, NY, 1993
- First Central City Competition, Wuhan, China, 1993 (with Fox & Fowle Gluckman Liu)
- Marlborough Gallery, Madrid, Spain, 1991
- Marlborough Gallery, New York, NY, 1991
- McKee Gallery, New York, NY, 1990
- David Row Residence, Cushing Island, ME, 1990
- David Salle Residence and Studio, Crested Butte, CO, 1990
- Foster Gallery, Museum of Fine Art, Boston, MA, 1990
- Mass MoCA Competition, North Adams, MA, 1988(with Richard Serra)

Coordinated the installation of works of art by James Turrell, Richard Serra, Bruce Nauman, Richard Nonas and Eduardo Chillida. Completed 10 commercial art galleries.

**Rafael Vinoly Architects P.C.** - New York, NY, 1985-1988

Project Architect - selected projects

- John Jay College Of Criminal Justice, New York, NY, 1986-88
- Prada Store, New York, NY, 1986

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## selected competitions

Kaohsiung Passenger Ship Terminal, Kaohsiung, Taiwan, 2010 with Roesling Nakamura Terada Architects, Buro Happold, and a student team of 8

National Museum of Australia, Acton Peninsula, Canberra, ACT, 1997

Patterns for Head Start Facilities - Design of a Head Start Facility in East Windsor, New Jersey, 1994

Public Space in the New American City / Atlanta 1996 - Installations designed to address the integration of public life and public art in Atlanta, Georgia, 1994 (with Dennis Ashbaugh, Nik Williams, Mark Boddewin et. al.)

Perth City Foreshore Urban Design Competition - An ideas competition for the design of the riverside of Perth, Western Australia, 1991 (with Resolution 4: Architecture and Dennis Ashbaugh) (published in *L'Arca*, December 1992)

Hemet Civic Center Competition - Design of the government center for Hemet, California, 1986.

## special projects

"AGRIPPA, Book of the Dead," By William Gibson (author of *Nueromancer*) and artist Dennis Ashbaugh

Published by Kevin Begos Jr., 1993

This multi media project is a "book" in the form of a virus-laden computer disk, which is meant to self-destruct after a single reading. Consulted and advised artist Dennis Ashbaugh on the design of the container for Gibson's disk and the accompanying Ashbaugh prints.

## teaching and research

### transdisciplinary project-based research

**Creating transdisciplinary curriculum, guiding applied research and negotiating sponsored projects to advance collaborative projects with colleagues, students and professional practice has been my primary research area.**

**Deakin University**, Geelong, VIC, Australia, 2019-2022

**Prefab21: a design/build industry partnership project with FormFlow** (<https://formflow.net.au>, a prefabricated home manufacturer. This series of projects explore new technology developed by FormFlow for building envelopes and prefabrication techniques. These projects integrate architecture, construction management students and academic staff with industry partners in the design studio to research and create innovative prefabricated house projects.

- 2022 – **Cobram Village for DEC Housing**. This project is a partnership with developer, DEC Housing to design and develop a mixed social housing community, comprising low income households, aged singles and couples, and people with a disability, living in purpose built modular housing in Cobram, Victoria.
- 2021 - **Hycel Demonstration House** for hydrogen energy. Design of a hydrogen fuel cell supplied house for the Deakin Hycel Research Hub. The house will be a exhibition and learning centre for school children and the public. Ongoing research and post-occupancy studies will support research in the School.
- 2021 – **Fleetwood Challenge Cup** national student competition, awarded second place. This annual prefabricated housing competition explored mass timber modular housing with architecture and construction management students.
- 2021 – **Phoenix Response House**, a transitional emergency shelter for post-disaster relief. The project targets medium term replacement of houses, during recovery and rebuilding of communities. The shelter is lightweight, portable and re-usable. The house is a registered design in Australia.
- 2020-21 – **Samaritan House, Men's Homeless Shelter**. The prototype Independent Living Unit, a new housing prototype for transition housing, was built by FormFlow and installed at Samaritan House, a homeless shelter in Geelong, VIC. Summer 2019-20 (\$1.5 million budget for seven unit microvillage supported by State and City funding)

## JamesDoerflerArchitect

**Regional Impact Lab (RelLab):** Proposal for an applied research lab that provides a multidisciplinary hub for innovation, collaboration and creativity across the SEBE Faculty. Teams from architecture, construction management and engineering, working with industry partners, non-profits and government agencies create solutions for real world challenges. Using design thinking and system thinking strategies RelLab provides the focus for design related project based partnerships. List of selected partners; Cottage by the Sea, Queenscliff Marine Centre / Victorian Hatcheries, Kids+ Foundation, Geelong Performing Arts Centre

**Jefferson + Philadelphia University, Philadelphia, PA, 2013- 2019**

**MERGE design/build;** This is a two-stage project developed under a grant with the Finishing Trades Institute of the Mid-Atlantic Region. Stage One was a juried student competition with cash awards. Stage Two design/build the project with an interdisciplinary team of students, engineers and glaziers over the Summer to be installed as a centrepiece in a city-wide arts festival, Design Philadelphia, to commemorate the merger of two universities; 2016-2017

**Facades Workshop,** coordinate guests from HSOWL Detmold, Enclos and local industry for week-long series of lectures and reviews related to High Performance Building Envelope course for undergrad and grad students; Façade Tectonic Institute, Spring 2015, Spring 2016

**Schuco Student Competition, “building Healthy building(s),”** interdisciplinary teams of students from Philadelphia University win five of the top ten positions in this competition, including two teams from my High Performance Building Envelope class. Students were given a fully sponsored trip to Bielefeld, Germany at the Schuco Headquarters to attend the conference and receive their awards. May 2017

**Red Box at Reichlin House** – supervising three students for a design-build project for a porch at the University Presidents building. It is an 8’x8’x8’ shelving and multimedia display for student work. Spring 2016

**California Polytechnic State University, San Luis Obispo, CA, 2005- 2013**

**Graduate Research Studio** for architecture, architectural engineering and construction management

- **Desalination Plant, Monterey, CA for California American Water.** Commissioned proof of concept design and report to provide substantiable guidelines for the design/build project (\$50,000 funding)
- **Same Polytechnic School, Same, Tanzania with ARUP engineers.** This project for the Mbesese Initiative for Sustainable Development created a schematic plan for a highly sustainable, low resource use campus. The student team worked with Arup engineers to create the masterplan.
- **Faculty Retreat Center, Diamond Valley Lake for Metropolitan Water District of Southern California.** Feasibility design and report for an off-grid water independent 100 unit facility for collaborative water research. (\$50,000 funding)

**SLO-Gen, Gensler Los Angeles Design-Build Studio** – virtual design studio supervising four students designing and fabricating furniture for the new Gensler downtown LA office: Design meetings were held remotely using go-to-meeting software; Spring and Summer 2011 (<http://vimeo.com/44023056>) project value of \$45,000

# JamesDoerflerArchitect

## curriculum development, innovation and partnerships

As an architecture discipline leader and administrator I have managed budgets exceeding \$4 million and supervised and mentored faculty and staff. I have revised and created architecture curriculum in all of my appointments to be current with professional practice and sustainable and integrated design strategies. As a leader I model empathy and human connection for my teams. Demonstrating empathy and supporting inclusivity is critical to transformational leadership.

### Deakin University, Geelong, VIC, Australia, 2019-2022

2020-2022 – Developed pilot programs to engage Indigenous knowledge in the architecture curriculum. Briefs for projects including the **Tuuram Studio**, a design/build studio engaging indigenous communities and knowledge at the Deakin Warrnambool campus and a project brief for a design studio in the M.Arch program for a High School for the Indigenous Arts. Partnered with the university Indigenous Innovation Office to develop these initiatives. Diversity and inclusion of First Nations culture in the built environment is the goal.

2020-2022 – develop new **Work Integrated Learning** options for students, including internships, imbedded professional office research positions and transdisciplinary project-based design studios

2020-2022 – School leader in developing **certificate or microcredential strategy** for incremental learning. This strategy would connect continuing professional development (upskilling) with a ladder of learning leading to certificates and masters credentials

2020-2022 – Created and advised the production of an **annual student journal**, *The Box* (2020), *The Code* (2021)

2019-2022 – leader in curriculum development in the architecture discipline, **re-structured the M.Architecture** course to align with AACA/NCSA accreditation criteria, LAM Malaysian accreditation requirements and support the learning outcomes of diverse student cohorts, guided two major course reviews through university process

### Jefferson + Philadelphia University, Philadelphia, PA, 2013- present

2019-2024 - **Hermann Miller Lecture series** – secured funding from Hermann Miller for an ongoing lecture series to the College. 2019-24 (\$20,000 per year for 5 years - \$100,000)

2016-2019 – Initiated and negotiated **exchange agreements** with IE University, Segovia, Spain and Hochschule Ostwestfalen – Lippe, Detmold, Germany. IE will provide an exchange for B. Arch students and HS-OWL will provide an exchange for graduate students in the MS Architecture, Façade Design and Technology program. This will be the first program of its kind to bridge façade technology in the US and Europe. Partner with the European Façade Network (EFN).

2019+2020, **Façade Forum**, Façade Tectonics Institute + European Façade Network sponsored conference of invited academics, professionals and manufacturers to discuss the educational needs of a façade program, Philadelphia, organizer and host. Proceeds for student scholarships, <http://eastfalls.jefferson.edu/FacadeForum/>

2016-2019, Created and managed the **Architectural Glass Student Design Competition** and the **MERGE Project (2017)**; This is a two-stage project developed under a grant with the Finishing Trades Institute of the Mid-Atlantic Region. Stage One was a juried student competition with cash awards. Stage Two involved building the project with an interdisciplinary team of students, engineers and glaziers over the Summer to be installed as a centerpiece in a city-wide arts festival, Design Philadelphia, to commemorate the merger of two universities

2016-2019 - Committee Chair for the development of **NEXUS Collaborative Learning Spaces** in the College of Architecture and the Built Environment. Successfully organized, designed and documented new interdisciplinary collaborative learning spaces in the SEED Center for Graduate studies

2015-2019 – Created a new **Continuing Education Ladder** bachelors degree program connecting the associates degree to graduate education in partnership with the Finishing Trades Institute of the Mid-Atlantic Region, an associates degree granting apprenticeship program for the glaziers labor union in PA, NJ and DE. Developed a “ladder” of education from high school to graduate degrees for tradespeople, creating an articulation agreement for students to complete a BS degree at Jefferson.

## JamesDoerflerArchitect

2016 – **Innolight International Student Lighting Competition**, Aalto University, Finland, University of Oregon, Portland, OR and Philadelphia University. Supported by IGuzzini, Fagenhult and Osram, \$5000 in prizes, coordinator and juror with Julle Oksanen.

2015 - Coordinated the purchase and installation of a new **CNC router**, Summer 2015

2014 - **Renovation of the Search Studio** – renovation of offices into a new design studio in Search Hall. Designed and coordinated work with university facilities and contractors. Summer 2014

2014-2019 – co-created a new annual student journal with Donald Dunham, **Spacework**.

2013 -2014 CABA Coordinator for various **Nexus – Learning projects**, Nexus Maximus, Comcast Sprint Workshop on the future of technology and Anonymous Investor workshop on prefabricated housing (2014)

2013-2019 – Leader in **curriculum development** across the four architecture programs; authored new Master of Science in Architecture Program and the Master of Architecture Program; Architecture Research Methods, Thesis, High Performance Building Envelopes, Lighting minor with Interior Design and Industrial Design, created new Façade Design and Technology concentration in graduate programs and related electives; developed content for foundation visualization and design courses in M. Arch. Guided revisions of the B.Arch and BS Architectural Studies programs.

**California Polytechnic State University**, San Luis Obispo, CA, 2005 – 2013

2012-2013 - Negotiated an **Agreement of Education and Training with Duy Tan University**, Da Nang, Vietnam. This included professional development training for Duy Tan faculty and faculty and student exchange.

2011-2013 – **Director of the Graduate Program in Architecture**

Revised the core classes and structure of the Master of Science in Architecture Program. Conceived and authored a research methods class, environmental design class and created interdisciplinary studios at the graduate level. Initiated the Graduate Research Studio, an interdisciplinary real-world research studio with the MS Architectural Engineering program supported by outside funding.

2010-2013 – **Cooperative Education and Professional Studio** coordinator – Developed two models for internship; basic internship working in offices and the imbedded research student model. In the latter, the students would work as interns and provide research assistance for the offices. The offices would provide a guided research/academic experience. Offices include Gensler LA, ZGF LA, LPA Irvine and San Diego, WATG Irvine, RNT San Diego, 2009 (<https://vimeo.com/50121143>)

2010 – 2012, Committee co-chair, **Simpson Strong-Tie Materials Demonstration Lab** (new building) for interdisciplinary study. Work with sponsors Woodworks and Simpson Strong-Tie designing the first mass timber building in Central Coast California. The new maker space showcases mass timber connections and natural daylight for the College of Architecture and Environmental Design construction management and architecture students.

2008-2010 - **Department Curriculum Committee Chair**. Developed curriculum for off-campus programs including Co-op Program, Los Angeles Metro Program, New portfolio application requirement for transfer students, preparing for NAAB accreditation visit.

2008-2013– Architectural coordinator for fourth year, two quarter **Design Collaboratory: Interdisciplinary Design Studio** (ARCH 452 + ARCH 453) with Architecture (Tom Fowler and Mark Cabrinha) and Architectural Engineering (Kevin Dong) faculty. The Studio explores innovative steel structure, focusing on the ACSA/AISC Student Steel Competition program. This studio has been team taught with Buro Happold Consulting Engineers, Los Angeles in 2009. The studio has teamed with Arup Consulting Engineers, Buro Happold and Morphosis Architects in 2010 and 2011. Coordinate visiting critic visits to campus. Winner of Autodesk Sponsorship, Arup Foundation Sponsorship, WJE Sponsorship. Winner of NCARB Award 2010. (<http://www.youtube.com/watch?v=Dd1TMXqDsdo>)

2007-2013, Founding Director **d[fab]lab – Digital Fabrication Laboratory**

Researched, negotiated and purchased equipment from vendors. Developed management structure for digital fabrication tools (equipment budget of \$100,000). This includes training structure for teaching assistants and students, creating framework for digital lab manager, payment card system, and management structure. Budget and manage teaching assistants and facilities (yearly budget of \$25,000).

## JamesDoerflerArchitect

2007-2013, **Teaching Technology** and furniture in the studio and classroom committee chair. Research and recommend the acquisition of hardware and software for presentation and distance learning interfaces in the studio and classroom (equipment budget of \$200,000). Coordinate with College technology staff and University Bookstore, 2007- 2013.

2007, **Distance Learning Pilot** for the web based conference software Elluminate. Researching and implementing web conferences in ARCH+ARCE+CM X410 Integrated Building Envelopes to enhance the content and learning objectives of the class.

2006-2009, **College Software Training Coordinator**; Responsible for outreach and establishing relationships with software companies including Autodesk, McNeel and Bentley. Negotiate access for free training and software program access including Revit, Ecotect, Vasari and Green Building Studio. Coordinate scheduling and teaching assistants for various software training sessions.

2006-2013 – Conceived and authored (with Kevin Dong) a new course, **Integrated Building Envelopes**, a cross-listed (ARCH X410, ARCE X410, CM X410) interdisciplinary class that creates student teams from three disciplines to explore the design, structure and construction of external building envelopes. In 2007, we introduced BIM in this class as a communication tool for the teams. We are also using web conferencing technology with Buro Happold Engineers in Los Angeles to enhance the class content. Winner of Autodesk Worldwide BIM Experience Award 2009.

2006, Spring Quarter - Conceived and authored a new course, **Prefab 21: The Prefabricated House in the 21<sup>st</sup> Century**, an architecture professional elective class.

2005-2013 - Conceived and re-wrote (with Robert Arens) the **Architectural Practice (Technology) core curriculum** at Cal Poly to reflect contemporary practice and theory. Delivered and coordinated ARCH 341 and ARCH 342, third year lecture and lab classes. Coordination of lab activity sections and provide projects for adoption into diverse design studios

### University of Technology, Sydney, NSW, Australia 1998-2005

2004 – 2005; Developed **Strategies for Interdisciplinary Team Based Teaching and Learning**. Attended Team-based Learning Symposium at UTS, Sydney, NSW June 2004.

2003- 2005 - Conceived and re-wrote the four-course sequence of the **Construction and Structures Core Curriculum** at the University of Technology, Sydney to reflect contemporary practice and theory. Delivered first year, third year and fourth year classes. Fourth Year class developed and team-taught interdisciplinary course with Haico Schepers of Arup Consulting Engineers, Sydney, NSW.

1999 – 2002 - Conceived and authored a new history and theory class, **Modern Architecture**.

1998 - 2003 – Conceived and authored a new professional elective class, **Advanced Building Systems**.

### professional growth

#### selected publications

**I have authored or co-authored over 20 publications in national and international journals and conference proceedings on a broad range of topics from energy to education.**

Wei, J.; Li, H.; Noguchi, M.; Doerfler, J.; Sadick, A-M.; Exploration of the Impact of Building Energy Consumption to mass Customisation Social Housing Design with the example of Samaritan House, Geelong; 9<sup>th</sup> Annual Zero Mass Custom Home International Conference, ZEMCH 2022, BMS School of Architecture, Bangalore, India

Doerfler, J., Kansler, J., MERGE: Exploring New Paradigms for Educating Tomorrows Design Professionals, (2019), *Structures and Architecture: Bridging the Gap and Crossing Borders*, proceedings of *2019 International Structures and Architecture Conference*, Lisbon, Portugal, CRC Press, peer reviewed

Doerfler, J., Pottgiesser, U., International Façade Education: Findings from the Façade Design and Technology Survey, Façade Tectonics Institute World Congress Proceedings, March 2018, Los Angeles (2018) peer reviewed

## JamesDoerflerArchitect

Doerfler, J., Pottgiesser, U., International Façade Education, efnMobile 2.0 / Efficient Envelopes, TU Delft Open (2017) peer reviewed

Schultz, J., Ku, K., Gindlesparger, M., Doerfler, J. (2017), A Benchmark Study of BIM-Based Whole Building LCA Tool and Processes, International Journal of Sustainable Building Technology and Urban Development, Taylor & Francis (2017) peer reviewed

Schultz, J., Ku, K., Gindlesparger, M., Doerfler, J. (2016), A Benchmark Study of BIM-Based Whole Building LCA Tool and Processes, SBE16 Seoul, International Conference on Sustainable Building Asia, December 11-14, 2016, Seoul, Korea, peer reviewed

Schultz, J., Ku, K., Gindlesparger, M., Doerfler, J. (2016), A Framework for Integrated Live Energy Modeling, SBE16 Seoul, International Conference on Sustainable Building Asia, December 11-14, 2016, Seoul, Korea, peer reviewed

Ku, K., Jordan, C., and Doerfler, J. (2016), Pedagogical Explorations of an Open-Source Architecture Paradigm in Emerging Design Technologies, 2016 AIA/ACSA Intersections Between the Academy and Practice Conference: Innovative Technologies in Design and Delivery, May 18, 2016, Philadelphia, PA [abstract; acceptance rate: 21%] peer reviewed

Interviewed and interdisciplinary course used as a case study, Olsen, Clare, MacNamara, Sinead, *Collaborations in Architecture and Engineering*, Chapter 14. Pedagogy in Architecture and Engineering, Routledge (2014)

Collaborator with Author, Mark Cabrinha, "The SLO\_Gen Table: Cultivating Industry/Academic Partnerships," (2013) TxA Interactive Conference Proceedings, Texas Society of Architects, 2013, peer reviewed

Doerfler, J., Dong, K., – "The Interdisciplinary Design Studio – Understanding Collaboration, An Update," (2013) *Structures and Architecture*, proceedings of 2013 International Structures and Architecture Conference, Guimaraes, Portugal, CRC Press, peer reviewed

Fowler, T., Doerfler, J., Dong, K., "Design Collaboratory 2007-2010, Fourth Year Interdisciplinary Architecture and Architectural Engineering Studio," (2010) AeD Press, San Luis Obispo, 2010

Doerfler, J., "America's Cup Master Plan for San Francisco, Fourth Year Architecture Studio, Summer 2009," AeD Press, San Luis Obispo, 2010

Doerfler, J., Dong, K., – "The Interdisciplinary Design Studio – Understanding Collaboration," (2010) *Structures and Architecture: Concepts, Applications and Challenges*, proceedings of 2010 International Structures and Architecture Conference, Guimaraes, Portugal, CRC Press, and *ConnectEd 2010*, Sydney, peer reviewed

Doerfler, J., Dong, K., – "Teaching Integrated Practice in a Cross-Disciplinary Curriculum after Two Years," Paper presented at ACSA Annual Meeting 2009, and *ConnectEd 2010*, Sydney, peer reviewed

Doerfler, J., Dong, K., – "Teaching Integrated Practice in a Cross-Disciplinary Curriculum," Paper presented and published in the proceedings of ConnectEd 2007, International Conference on Design Education, Sydney, Australia, July 2007, peer reviewed

Doerfler, J., Arens, R., – "XYZ: Horizontal, Vertical and Progressive Integration in the Practice Curriculum," Paper presented at Building Technology Educators Symposium, University of Maryland, August 2006, peer reviewed

Editorial committee and contributor – "Sustainable Development Guide," a nationally distributed publication in Australia, Property Council of Australia, 2001

Doerfler, J., - "Redeveloping our Cities", *Property Council of Australia Newsletter*, July 1999



## JamesDoerflerArchitect

### **selected invited lectures, sessions, workshops and presentations**

**I have provided over 40 invited lectures, sessions, workshops and presentations at universities and professional organizations internationally including the AIA, National Institute of Building Science, Architectural Glass and Metal Institute and the Façade Tectonics Institute.**

Geelong Sustainability, Sustainable House Day 2021, panelist presenting Samaritan House microvillage, October 2021

Circular Economy Workshop, Faculty of Science, Engineering and Built Environment, committee member, organizer and presenter, August 2021

Circular Approach to a Pandemic – Designing Out PPE Waste, Deakin University, Geelong design Week 2021, panel member and juror, March 2021

Webinar: Prefab 21: The Future of Affordable Housing, host and presenter, August 2020. <https://www.youtube.com/watch?v=YSkYRzVJH7E&feature=youtu.be>

Fifth Building Enclosure Science and Technology Conference (BEST 5), National Institute of Building (NIBS,) Philadelphia, PA, April 2018, Planning Committee member, session chair, paper reviewer

Façade Tectonics Institute World Congress 2018, Los Angeles, CA, scientific committee member, session chair and presenter, “International Façade Education: Findings from the Façade Design and Technology Survey,” international survey of academics and professionals in façade design

DesignPhiladelphia, panel discussion, “MERGE and the Future of Education and the Next Generation Workforce,” organizer and moderator, October 2017

Lectures on Research Series, OWL Graduate Center, “International Interdisciplinary Interaction: Promoting Collaboration Across Borders,” Hochschule Ostwestfalen-Lippe, Detmold, Germany, January 2017

Façade Tectonics Institute World Congress 2016, Los Angeles, CA, session chair and presenter, “Façade Education Survey for Industry and the Academy,” partnership with Hochschule Ostwestfalen-Lippe, Detmold, Germany, developing a graduate program in façade design and technology

2016 International Structures and Architecture Conference, Guimaraes, Portugal, August 2016, special session co-chair (with Kevin Dong), “Beyond Disciplines: Building Transdisciplinary Experience,”

AIA Convention 2016, ACSA Intersections Symposium, Intersections Between the Academy and Practice: Innovative Technologies in Design and Delivery, “Pedagogical Explorations of an Open Source Architecture Paradigm in Emerging Design Technologies,” with Kihong Ku and Christian Jordan, May 2016

AGMA (Architectural Glass and Metals Association) Conference 2016, Hollywood Beach, FL, keynote speaker, “Architectural Glazing Trends and the Academic Environment.” April 2016

AIA Convention 2015, Coalition of Community College Architecture Programs Conference, presenter of “Transfer Students into Architecture Programs,” May 2015

ACSA National 103<sup>rd</sup> Annual Meeting, Toronto, Canada, “The Expanding Periphery and the Migrating Center,” March, 2015, presenter and panelist, “Architecture and Building Technology in a Post-Critical Age”

ACSA Administrators Conference, “Expanse: Architecture Education in an Expanded Field,” Philadelphia, PA, November 2014, presenter and panelist in two sessions, “Community Colleges Workshop,” Workshop A: Expanded Curriculum Initiatives Design-Build, Resiliency and More”

## JamesDoerflerArchitect

2013 International Structures and Architecture Conference, Guimaraes, Portugal, August 2013, session chair and presenter

Building Technology Educators Society 2013, Bi-annual Conference, Bristol, RI, July 2013 – presenter, panelist, session chair

*Collaboration: The Art and Science of Building Facades*, sponsored by the Architects Newspaper and Enclos, invited presenter and panelist, IIT, Chicago, October 2012

Granta 3<sup>rd</sup> North American Materials Education Symposium, session chair, San Luis Obispo, CA, March 2012

ACSA National 100<sup>th</sup> Annual Meeting, Boston, MA, session chair, “Digital Networks: Collaborative Praxis – Integration, Not Segregation: Interdisciplinary Design Education for the Second 100 Years,” March 2012

2010 International Structures and Architecture Conference, Guimaraes, Portugal, August 2010, presenter

ConnectED 2010, International Conference on Design Education, Sydney, Australia, July 2010, presenter and Session chair

Building Technology Educators Society Conference 2009, Albuquerque, NM - co-presenter with Kevin Dong, “The Interdisciplinary Design Studio – Understanding Collaboration,” August 2009

Building Technology Educators Society Conference 2009, panelist, “How modeling methods are Transforming Curricula,” August 2009

ACSA National 97<sup>th</sup> Annual Meeting, Portland OR – presenter, “Teaching Integrated Practice in a Cross-Disciplinary Curriculum After Two Years,” March 2009

ACSA National 97<sup>th</sup> Annual Meeting, Portland OR –presenter at Autodesk session on BIM Extended: Best Practices for Revit Integration – “Interdisciplinary Collaboration Design Studio Best Practices,” March 2009

ConnectEd 2007, International Conference on Design Education, Sydney, Australia, July 2007, Session chair

Coordinator and host - Sustainable Development Leadership Summit, Property Council of Australia, Couran Cove, QLD, November 2001

Presenter – Case Study of Cross Disciplinary Design Studio and History and Theory Class

Australian Council of Building Design Professionals – Teaching Sustainable Design Forum, Melbourne, VIC, November 2000

selected guest lectures on architecture and design

University of Southern California, Los Angeles, CA, 2005; Seppelt Awards Lecture, Museum of Contemporary Art, Sydney, NSW, 2000; Queen Victoria Museum & Art Gallery, Launceston, TAS, 1998;

University of Technology, Sydney, 1998; University of Newcastle, Newcastle, NSW, 1998; Rensselaer Polytechnic Institute, Troy, NY, 1994

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## professional conferences and workshops attended

ACSA 2021 Administrators Conference, "Prospects," Virtual Conference, November 2021

AASA 2021 Heads of School, Annual General Meeting, Virtual Conference, October 2021

ACSA 2020 Administrators Conference, "Uncertainty," Seattle, WA, (Online) November 2020

AASA 2020 Heads of School, Annual General Meeting, Brisbane, QLD (online), October 2020

ACSA 2019 Administrators Conference, "Uncertainty," New Orleans, LA, October 2019

AASA 2019 Heads of School, Annual General Meeting, Auckland, New Zealand, October 2019

ACSA 2018 Administrators Conference, "Engaging the World," Quebec, Canada, October 2018, New Programs Workshop, presenter and panelist

Façade Tectonic Institute Forum NYC, Building Facades from the Ground Up: The Owners Perspective, New York, NY, November 2018

International Conference on Architectural Envelopes (ICAE) 2018, European Façade Network, San Sebastian, Spain, June 2018

American Institute of Architects, Technology in Architecture Practice (TAP) 2018, Building Connections Congress, *The Future of Design*, committee member, January 2018

ACSA Administrators Conference, "Crossing Boundaries," Albuquerque, NM, November 2017

ACSA 2017 Fall Conference, "Crossings Between the Proximate and Remote," Marfa, TX, October 2017

"Building Healthy Buildings and Building Processes," Schuco 2017 University Conference, Bielefeld, Germany, May 2017

"Powerskin Conference" 2017, hosted by TU Munchen, Munich, Germany, January 2017

BAU 2017, World's Leading Trade Fair for Architecture, Materials and Systems, Munich, Germany, January 2017

Building Innovation 2017 "Collaborating for a High Performance Future," National Institute of Building Sciences, Washington, D.C., January 2017

ACSA Administrators Conference, "Gaps and Overlaps," Chicago, IL, November 2016

AIA National Convention, Philadelphia, PA, May 2016

NCARB Region 2 Educator and Practitioner Symposium, New York, NY and Jersey City, NJ, April 2016

ACSA National 104th Annual Meeting, Seattle, "The Expanding Periphery and the Migrating Center," March, 2016

Greenbuild 2015, Washington, DC, November 2015

ACSA Administrators Conference, "Uncharted Territories," San Juan, Puerto Rico, November 2015

AIA National Convention, Atlanta, GA, May 2015

## JamesDoerflerArchitect

ACSA National 103<sup>rd</sup> Annual Meeting, Toronto, Canada, "The Expanding Periphery and the Migrating Center," March, 2015

ACSA Administrators Conference, "Expanse: Architecture Education in an Expanded Field," Philadelphia, PA, November 2013

AIA National Convention, Chicago, IL, May 2014

Facades + Performance Conference, The Architects Newspaper and Enclos, New York NY, April 2014

ACSA National 102<sup>nd</sup> Annual Meeting, Miami FL, "Globalizing Architecture," April, 2014

ACSA Administrators Conference, "All Over the Place," Providence, RI, November 2013

GreenBuild 2013, Philadelphia PA, October 2013

2013 International Structures and Architecture Conference, Guimaraes, Portugal, July 2013, presenter

Building Technology Educators Society 2013, Bi-annual Conference, Bristol, RI, July 2013 – presenter, panelist, session chair

AIA National Convention, Denver, CO, May 2013

ACSA Administrators Conference, "Research, Practice, Place," Austin, TX, November 2012

- NAAB Visiting Team Seminar

ACSA Administrators Conference, "Old School/New School," Hollywood, CA, November 2011

- New Administrators Seminar participant

ACSA Teachers Seminar 2011, "Performative Practices," New York, NY, June 2011

NSF Workshop – Collaborative Practice: When Engineering Design Meets Architecture, UPenn, Philadelphia, November 2010

Construct 2010, CSI Annual Convention, Philadelphia, PA, May 2010

Building Technology Educators Society Conference 2009, Albuquerque NM, August 2009

AIA National Convention, San Francisco, CA, May 2009

ACSA National 97<sup>th</sup> Annual Meeting, Portland OR, March 2009

BIM-BOP II, BIM Symposium, University of Southern California, July 2008

ACSA/AIA Teachers Conference, "Deep Matters," Cranbrook, MI, June 2008

AIA National Convention, Boston, MA, May 2008

BIM-BOP, BIM Symposium, University of Southern California, August 2007

ConnectEd 2007, International Conference on Design Education, Sydney, Australia, July 2007, Session chair

ACSA/AIA Teachers Conference, "Integrated Practice in the 21<sup>st</sup> Century," Cranbrook, MI, June 2007

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MMFX – Manufacturing Material Effects, Rethinking Design and Making in Architecture, international Symposium, Indianapolis, IN, April 2007

Building Technology Educators Society Conference, College Park, MD, August 2006

Coordinator/Host Committee member - Sustainable Development Leadership Summit, Property Council of Australia, Couran Cove, QLD, November 2001

New South Wales Department of Urban Affairs and Planning – Sustainable Sydney Conference, Sydney, NSW, November 2000

AIA National Convention, San Francisco, CA, May 1998

Building the Sustainable Economy II Conference, Green Building Exposition, NY, June 1996

NESEA Building Energy, Solar Electric Buildings Conference, Boston, MA, March 1996

Global Symposium on Sustainability, New York, NY, October 1994

AIA National Convention, Los Angeles, CA, May 1994

### grants and awards

**I have received design awards for teaching and applied research projects at all of my appointments in the US and Australia. I have also received various sponsorships from professional offices for projects and research including Gensler, ZGF, NBBJ, WJE, Arup, Buro Happold and Herman Miller and government support totalling over \$1 million.**

**Council on Tall Buildings and Urban Habitats (CTBUH) 2021 International Research Seed Funding Initiative**, *Building Above our Cities: Mass Timber Construction creating sustainable and socially connected communities*, Deakin team led by Paul Kremer, Mahmud Ashraf and James Doerfler (US\$15,000) October 2021

**2021 Fleetwood Challenge Cup** student competition, second place award for *Think Tank* (AU\$3500), September 2021

**Premier's Design Awards 2020** (Victoria), Prefab 21: FormFlow and Samaritan House, finalist, March 2021

**2018 Society of American Registered Architects (SARA) National Design Award** for *MERGE*, October 2018

**Cheryl Smith, AIA, Chair for Architecture**, Five-year financial support for personal professional development and research (\$25,000) 2017-2022

**Federal Mediation and Conciliatory Service Labor-Management Grant Initiative**, The Next Generation Workforce. Federally funded grant awarded to a team including the Finishing Trades Institute and Philadelphia University to develop articulated degree programs for undergraduate and graduate education for a regional labor management organization. Project Manager and coordinator, \$84,000 (\$340,000 total grant), Fall 2016

**Façade Workshop** sponsorship by Schuco USA (\$3,000) Spring 2016

**Nuckolls Fund for Lighting Education, 2016 Lesley Wheel Introductory Lighting Program**, grant for creating interdisciplinary Lighting Minor across three disciplines, architecture, interior design and industrial design and two colleges, co-investigators, Lyn Godley, Matt Gindlesparger, Lauren Baumbach, (\$20,000)

**ZGF Architects Award** to the MS Architecture Program at Cal Poly San Luis Obispo for post-occupancy research, (\$30,000) 2013

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**American Water of Monterey Desalination Plant Design Research Grant**, Monterey, CA; new desalination plant and site design and report with MS Arch Graduate Studio Student team to prepare design-Build guidelines; (\$50,000) 2013

**Growfoods Aquaponics and Sustainable Solutions, Kaiser Point Sustainability Campus**, Port of Los Angeles, San Pedro, CA, masterplan for shared Cal State campus and aquaponic farm, Collaboratory Studio with Gensler and Arup, (\$2000) 2013

**The Arup Cause and Mbesese Initiative Grant**, Same Polytechnic School, Tanzania; new trade school in rural Tanzania for a non-profit, design and report with MS Arch Graduate Studio Student team; (access to Arup engineers time and \$400) 2012

**Metropolitan Water District of Southern California Grant**, Diamond Valley Lake Faculty Retreat Center and Marina Feasibility Study, off-the-grid building complex design and feasibility report with MS Arch Graduate Studio Student team; (\$50,000) 2012

**Center for Teaching and Learning Grant:** Form a University-wide Learning Community for digital fabrication and sustainability, with Carmen Trudell, Clare Olsen, Jeff Ponitz, Mark Cabrinha, (\$4,000) 2011

**Gensler Los Angeles Sponsorship**, for design build studio for lobby desk, (\$40,000+\$4500) 2011

**NBBJ Seattle**, Sponsorship for Fourth Year Interdisciplinary Studio, (\$3000) 2011

**NCARB Award** (national), for Collaboratory: Fourth Year Interdisciplinary Studio, (\$10,000) 2010

**Wiss Janney Elstner Chicago**, Sponsorship for Fourth Year Interdisciplinary Studio, (\$5000) 2010

**Autodesk Sponsorship Award** for Fourth Year Interdisciplinary Studio, (\$10,000) 2009

**Arup Sponsorship** for Fourth Year Interdisciplinary Studio, (\$9,000) 2009

**Autodesk BIM Experience Award** (world), awarded to College of Architecture and Environmental Design, Doerfler, Dong et.al.(\$10,000) 2009

**Instructional Related Activities Grant**, for Collaboratory, Interdisciplinary Studio, co-taught with Prof.'s Dong, Fowler and Cabrinha, (\$9,000 x 5 years) 2007- 2012

**Information Technology Services Research Grant**, "Research and Development to Support Technology in the Classroom," research to enhance learning in the large lecture class, (\$15,000) awarded May 2008

**Center for Teaching and Learning Grant:** "Using Digital Tools to Enhance Learning in the Interdisciplinary Classroom," (\$3,000) awarded November 2007

**Senate Research Grant** - Awarded April 1984 by Syracuse University Senate Research Committee for study of the Ralph Walker Archives in Syracuse and New York (\$1000)

### grant applications (not funded)

(pending) Bushfire and Natural Hazard CRC, Natural Hazard Centre, Deakin-wide initiative for interdisciplinary centre, infrastructure area, (\$88 million available)

Cooperative Research Centres Projects (CRCP) Round 9, High Volume, Scalable Manufacturing Cell for Enhanced Building Projects, partnered with FormFlow , Bradbury Group, Australian Engineering Solutions, Bluescope Steel et.al., (total project costs \$7 million), submitted March 2020

2017 Latrobe Prize, AIA Prize for Research, PI; Design Guide for Regenerative Buildings, (\$100,000) submitted September 2016

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EVOLving the Responsive Building Envelope, National Science Foundation EFRI Grant, Co-PI  
Interdisciplinary collaboration between Architecture, Structural Engineering, Materials Engineering and Professional offices. (\$1,200,000) second stage finalist, finished in the top 30, November 2009

Design Collaboratory – Interdisciplinary Design Studio, AIA Upjohn Program, Co-PI  
Proposal with Architecture, Structural Engineering and Construction Management and industry partners, (\$10,000) submitted September 2009

Design Collaboratory – Interdisciplinary Design Studio, AIA Practice Academy Program, Co-PI  
Proposal with Architecture, Structural Engineering and Construction Management and industry partners, (\$10,000) submitted March 2008, program cancelled due to economy

Enhancing Integrated Practice Using Digital Tools in a Cross-Disciplinary Curriculum, AIA Latrobe Program, Co-PI  
Interdisciplinary collaboration between all College Departments, Architecture, Architectural Engineering, City and Regional Planning, Landscape Architecture and Construction Management, (\$100,000), November 2007

## participation in professional associations and organizations

Australian Institute of Architects, 2020 - 2022  
American Institute of Architects, 1994 - 2020  
American Institute of Architects, Technology and Practice (TAP) Building Connections Congress member, 2016-2019  
International Association Structures & Architecture (IASA), founding Executive Council member, scientific committee member, 2016  
Façade Tectonics Institute, founding board member, steering committee member, Chair of Education Committee, 2015 - 2019  
Building Technology Educators Society – International Architecture Educators Group, former president (2013) and board member, 2006-2015  
Construction Specification Institute, student chapter advisor, 2009-2013  
American Institute of Steel Construction – National Architecture Task Group, 2005-2007  
Property Council of Australia, Sustainability Steering Committee (catalyst for the Green Building Council Australia), 1999-2002  
Property Council of Australia, Future Directions Committee, 1997-1999

## book reviews and selected peer reviews

peer reviewed papers for Intersections Conference AIA and ACSA, August 2021  
peer reviewed papers for Façade Tectonics Institute (FTI) World Congress, 2019, 2020, 2022  
peer reviewed papers for International Conference on Structures and Architecture (ICSA), Spring 2018  
peer reviewed papers for Façade Tectonics Institute (FTI) World Congress, Winter 2018  
peer reviewed papers for Façade Tectonics Institute (FTI) World Congress, Summer 2016  
peer reviewed papers for International Conference on Structures and Architecture (ICSA), Spring 2016  
peer reviewed papers for National Conference on Beginning Design, Spring 2016  
peer reviewed papers for Building Technology Educators Society 2013, Conference, Bristol, RI, 2013  
peer reviewed papers for ACSA Fall Meeting 2012, Philadelphia, September 2012  
peer reviewed papers for ACSA Annual Meeting 2012, Boston, MA, March 2012  
peer reviewed papers for Constructed Environments Conference 2011, Chicago, IL, October 2011  
peer reviewed papers for ConnectEd 2010, International Conference on Design Education, Sydney  
peer reviewed papers for ACSA Annual Meeting 2009, Portland, OR, March 2009  
peer reviewed papers for ConnectEd 2007, International Conference on Design Education, Sydney  
reviewed chapters in “Fundamentals of Building Construction; Materials and Methods,” Allen and Iano, for McGraw-Hill, February 2007

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## service

### department level

**Deakin University**, Geelong, VIC, Australia 2019 –  
Chair in Architecture

Selected presentations and events:

- Search Committee Chair for two positions, 2021
- Search Committee member for lecturer/senior lecturer position in History/Theory, 2020
- Search Committee member for lecturer/senior lecturer position in Building Science, 2020
- Geelong Design Week organizer of three events (cancelled due to pandemic)
- Alumni Event Host in Melbourne, May 2019

**Philadelphia University + Thomas Jefferson University**, Philadelphia, PA 2013 – 2019

Director of the Architecture Programs

Selected presentations and events:

- Attend various recruitment events throughout the year, Open Houses and college fairs
- NAAB preparation team leader for the B.Arch and M.Arch Accreditation Visits, 2018
- Search Committee member for tenure track position Assistant Professor of Visualization and Computational Design, Fall 2016
- Search Committee member for Visiting Assistant Professor of Visualization, Summer 2016
- Search Committee member for tenure track position Assistant Professor of Structures, Fall 2015
- Organized Alumni Event for over 250 at the 2016 AIA Convention, Philadelphia, PA
- NAAB preparation team leader for the M.Arch Candidacy Visit, April 2016
- Search Committee Member for Assistant Professor Structures, Fall 2015
- Organized Alumni Events at Greenbuild 2015, Washington DC and AIA Convention 2015, Atlanta, GA
- Design Philadelphia 2014, committee member, “Sustainability is More than a Buzzword,” event at Stantec, October, 2014
- Search Committee Member for two Faculty searches, Environmental Systems and Structures, 2014-15
- Department/College Representative at Construction Job Meetings for Search Hall Renovations
- Planning Committee for College Lecture Series, 2013- 2019
- Planning Committee for Open House and Accepted Students Day, 2013- 2019
- Coordinate Architecture Advisory Council
- Coordinate Alumni Events, Washington DC – Spring 2014, BLTA Mock Interviews – Spring 2014; WRT Mock-interviews, 2015;
- Community College Liaison for transfer students, draft articulation agreements with Northampton C.C., Brookdale C.C., C.C. Philadelphia, Montgomery C.C., Rockville, MD
- Study Abroad and Exchange Programs Liaison

**California Polytechnic State University**, San Luis Obispo, CA, 2005 – 2013

Professor of Architecture

- Department NAAB accreditation preparation team, leadership team, 2010-11
- Department Governance Task Force – Department Head appointee, 2009 – 2013
- Department e portfolio Task Force – Department Head appointee, 2009 – 2013
- Community College Outreach and Transfer Student - Subcommittee member 2009-2013
- Department Retention Promotion and Tenure Committee, 2009 - 2013
- CSI Student Chapter, Faculty Advisor, 2009 - 2103
- Department Teaching Technology and Furniture Committee, member, 2008 - 2013
- Department Curriculum Committee, member, 2007 – 2013; chair, 2008 - 2010
- Department Digital Technology Committee, co- chair, 2006 – 2013
- Off-Campus Study Coordinator for Australia, 2006 - 2013
- Organized tenure-track brown bag sessions, 2005-2006



# JamesDoerflerArchitect

## **University of Technology, Sydney, NSW, 2003-2005**

Lecturer, Construction and Design, fulltime permanent appointment, Architecture Department/School

- Director, Bachelor of the Arts (Architecture) Program – administrator of the first three years of five year professional degree program. 2004-2005
- Interim Head of Department, Shared position, managed general administration, admissions and budget. Spring 2004
- Public Lecture Series coordinator, University of Technology, Sydney – Autumn 2003 – Spring 2004

## **school/college/faculty level**

### **Deakin University, Geelong, VIC, Australia 2019 –**

Chair in Architecture

- PaperSpace Student Exhibition at Federation Square, host and speaker, November 2019
- School Advisory Board member 2019-
- School Research Committee member, 2019-
- School Teaching and Learning Committee member, 2019-
- School International Committee member, 2019-
- School Industry Partnerships Committee member, 2019-20
- Course Directors Day, presenter, collaboration with CloudFirst team, 2021
- Circular Economy working group, 2020-
- Social and Affordable Housing working group, 2021-

### **Philadelphia University + Thomas Jefferson University, Philadelphia, PA 2013 – 2019**

Director of the Architecture Programs

- Search Committee member for Shop Manager, Summer 2015
- College Academic Resources Committee Chair, 2014 - 2019
- Search Committee Member for Construction Management Faculty position, Spring 2014
- CABC Student Journal Advisor, 2014 - 2019
- CEC Committee Member, 2013 – 2014
- College Academic Resources Committee Member, 2013 – 14
- College Lecture series chair (2013-2015), member 2014-
- First Year Task Force Committee Member, and Curriculum Review sub-committee, 2013-2019
- Strategic Planning Committee Member, 2013 - 2019
- Dean's Advancement Council Member (Architecture), 2013 - 2019

### **California Polytechnic State University, San Luis Obispo, CA, 2005 – 2013**

Professor, College of Architecture and Environmental Design

- Simpson Strong-Tie Building, public dedication speech, October 2010
- CAED Foundation and Dean's Advisory Council, multiple presentations of interdisciplinary work to alumni and practitioners, 2005-2011
- Founding Director d[fab]lab – Digital Fabrication Laboratory, 2008 - 2013
- College Software Training Coordinator
- Coordinate scheduling and teaching assistants for various software training sessions, 2008-13
- College Curriculum Committee, member, 2008 - 2013
- College Hearst Lecture Series Committee, member and occasional host for visitors, 2007-2013
- College Digital Technology Committee, chair, 2006 – 2013
- College Building Committee, member, 2006-2013 (developed the Simpson Strong Tie Materials Lab)
- College Dean's Advisory Council, attending faculty member, 2005 – 2013

# JamesDoerflerArchitect

## **University of Technology**, Sydney, NSW, 2003-2005

Lecturer, Construction and Design, fulltime permanent appointment, Faculty of Design, Architecture and Building

- Faculty Strategic Planning Committee – member, appointment by Dean to lead strategic planning process with representatives from all disciplines in Faculty. 2004-2005
- Faculty Masters Program Committee – member, 2005
- Faculty Digital archives – member, Architecture Department representative, 2004-2005

## university level

### **Deakin University**, Geelong, VIC, Australia 2019 –

Chair in Architecture

- DesignMind Leadership Committee, developing an interdisciplinary PhD program, 2019-2022

### **Philadelphia University + Thomas Jefferson University**, Philadelphia, PA 2013 – 2019

Director of the Architecture Programs

- University Delegation to Israel, Provost's invitation for selected design and medical leaders to visit universities and hospitals to expand partnerships, 2019
- University Academic Resources Committee member, 2014 - 2019
- Digital Fabrication Task Force, 2014 - 2019
- Fidelity Charrette, Co-coordinator for university wide transdisciplinary industry sponsored charrette on prefabrication, workshop facilitator, Fall 2013
- Comcast Sprint, Primary Coordinator for transdisciplinary industry sponsored charrette, 2013

### **California Polytechnic State University**, San Luis Obispo, CA, 2005 – 2013

Professor, College of Architecture and Environmental Design

- University Delegation to Vietnam, Vice Provost initiative to expand partnerships for the College of Architecture and Environmental Design, 2013
- Academic Senate Graduate Programs Committee, member, Fall 2011 – 2013
- President's Leadership Forum, selected member, 2010-2011
- Search Committee for College Librarian, member, 2008
- University Instructional Advisory Committee on Computing (IACC), member, Fall 2008 - 2011

## outside of university

**Project Control Group**, supervising the construction of the Samaritan House Homeless Shelter Independent Living Unit microvillage, Geelong, VIC, PCG made up of state, city stakeholders and board members, 2020-21

National Architecture Accrediting Board (NAAB) **Visiting Team Training**, for review and assessment of NAAB accredited professional architecture programs, 2017

**External Faculty Performance Review** Services for Catholic University, Architecture, Summer 2016

**External Reviewer for Tenure and Promotion**, 3 reviews 2013-2014, 4 reviews 2014-2015, 1 review 2015-16, 1 review 2018-19, 2 reviews 2021

**Façade Tectonics Institute**, founding Board Member, Education Committee chair, 2015 - 2019

**Coalition of Community College Architecture Programs (CCCAP)**, member, 2014

**ICSA Scientific Committee Member**, ICSA 2016, University do Minho, Guimareas, Portugal, 2013 - present

**Visiting Team Member for ACSA**, NAAB Accreditation for Architecture Program Review, 2016 - 2019

**Building Technology Educators Society (BTES)**, President (2013) and Board member 2011-2014,

Volunteer at San Luis Obispo Classical Academy School, 2010- 2013

Invited Panelist/Focus Group, **AISC Academic Committee Member**, Chicago, IL 2006-2007

## personal

Born: Hartford, Connecticut, USA

Citizenship: USA and Australia

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## APPENDIX

### **courses taught**

**Auburn University**, Auburn, AL 2022 -  
Professor

Classes, 2022-23

Fall Semester

- ARCH 2220: Environmental Control II, core class in technology, class size: 60
- ARCH4010: Focus Studios, Urban Architecture, "Performative Urbanism," class size 14

**Deakin University**, Geelong, VIC, Australia 2019 -2022  
Professor

Units, 2021-22

T3, Summer Semester

- SRR311/SRR722: Built Environment Research Project\*, Prefab 21:design/build project for B.Design and M.Arch and CM students, designed a 50 unit microvillage of universally accessible prefab homes, with industry partners and developer, class size: 12
- SRR311/SRR722: Built Environment Research Project\*, The Architectural Journal, students create and publish a journal of student work for the School, class size: 4

T2, Spring Semester

- SRD742: Studio B, Cottage by the Sea, non-profit project, group size: 12
- SRD224: History, two lectures on high tech and brutalism in Australia

T1, Autumn Semester

- SRD711: Thesis, group size: 1
- SRV799: Fleetwood Challenge Cup, interdisciplinary studio, class size: 11

Units, 2020-21

T3, Summer Semester

- SRR311/SRR722: Built Environment Research Project\*, Prefab 21:design/build project for B.Design and M.Arch and CM students, built a prototype prefab emergency shelter with industry partners, class size: 14
- SRR311/SRR722: Built Environment Research Project\*, The Architectural Journal, students create and publish a journal of student work for the School, class size: 10

T2, Spring Semester

- SRD742: Studio B, unit chair, 120 students, developed brief for High School for Indigenous Arts, group size: 34
- SRD224: History, two lectures on high tech and brutalism in Australia

T1, Autumn Semester

- SRD711: Thesis, group size: 3
- SRA215: History, two lectures on 19<sup>th</sup> Century architecture

Units, 2019-20

T3, Summer Semester

- SRR311/SRR722: Built Environment Research Project\*, Prefab 21:design/build project for B.Design and M.Arch and students, built a prototype prefab house with industry partners, class size: 13

## James Doerfler Architect

- SRD766: Masterclass Design Studio, unit chair, class size: 12
- T2, Spring Semester
- SRD766: Masterclass Design Studio, group size: 7
- Philadelphia University + Thomas Jefferson University**, Philadelphia, PA, 2013- 2019  
Professor, tenured  
Classes, 2018-19
- Fall Semester
- MSARC-631: Architectural Research Methods\*, for M.Arch and MS.Arch students, class size: 7
- Classes, 2017-18
- Spring Semester
- ARCH-419/MSARC-619: High Performance Building Envelopes\*, cross-listed graduate and undergraduate elective, coordinated with workshop experiences and guest lectures, class size: 12
- Fall Semester
- MSARC-631: Architectural Research Methods\*, for M.Arch and MS.Arch students, class size: 5
- Classes, 2016-17
- Spring Semester
- ARCH-419/MSARC-619: High Performance Building Envelopes\*, cross-listed graduate and undergraduate elective, coordinated with workshop experiences and guest lectures, class size: 14
- Fall Semester
- MSARC-631: Architectural Research Methods\*, for M.Arch and MS.Arch students, class size: 4
- Classes, 2015-16
- Spring Semester
- ARCH-419/MSARC-619: High Performance Building Envelopes\*, cross-listed graduate and undergraduate elective, coordinated with workshop experiences and guest lectures, class size: 11
- Fall Semester
- ARCH-213: Architectural Design 3, Undergraduate Design Studio, class size: 12
- Classes, 2014-15
- Spring Semester
- ARCH-419/MSARC-619: High Performance Building Envelopes\*, cross-listed graduate and undergraduate elective, coordinated with workshop experiences and guest lectures, class size: 13
- Fall Semester
- ARCH-507: Architectural Design 9\*, Interdisciplinary Design Studio with Landscape Architecture, Co-taught with Kim Douglas, class size: 18
  - MSARC-631: Architectural Research Methods, class size: 3
- Classes, 2013-14
- Spring Semester
- ARCH-508: Architectural Design 10, prefab and modular research studio, class size: 10

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California Polytechnic State University, San Luis Obispo, CA, 2005 – 2013

Professor, tenured

Classes 2012-13

Fall Quarter

- ARCH 551: Graduate Research Studio\*, Same Polytechnic College, Tanzania; with Arup Engineers, Los Angeles, interdisciplinary class size: 10
- ARCH 532: Research Methods in Architecture, class size: 7
- ARCH 470, ARCE CM 410: Elective: Integrated Building Envelopes\*, interdisciplinary class, team taught, class size: 25 (overload)

Classes 2011-12

Spring Quarter

- ARCH 551: Graduate Research Studio\*, Metropolitan Water Research Grant, Diamond Valley Lake, interdisciplinary class size: 11
- ARCH 453: Fourth Year, Interdisciplinary Design Studio\*, team taught, class size: 25 (overload)
- ARCH 342: Third Year, Practice, core class in technology, materials and practice, class size: 129

Winter Quarter

- ARCH 510: Interdisciplinary class on Net Zero Building design\*, Team taught with David Herd, Buro Happold Engineers, Los Angeles
- ARCH 452: Fourth Year, Interdisciplinary Design Studio\*, team taught, class size: 25 (overload)

Fall Quarter

- ARCH 551: Graduate Design Studio, Drylands Competition\*, interdisciplinary class size: 17
- ARCH 532: Research Methods in Architecture, class size: 12
- ARCH ARCE CM 470: Elective: Integrated Building Envelopes\*, interdisciplinary class, team taught, class size: 20 (overload)

Classes 2010-11

Spring Quarter

- ARCH 551: Graduate Research Studio, class size: 11
- ARCH 453: Fourth Year, Interdisciplinary Design Studio\*, team taught, class size: 25 (overload)
- ARCH 342: Third Year, Practice, core class in technology, materials and practice, class size: 170

Winter Quarter

- ARCH 452: Fourth Year, Interdisciplinary Design Studio\*, team taught, class size: 25 (overload)

Fall Quarter

- ARCH 341: Third Year, Practice, core class in technology, materials and practice, class size: 149
- ARCH ARCE CM 470: Elective: Integrated Building Envelopes\*, interdisciplinary class, team taught, class size: 24
- ARCH 453: Fourth Year, Architectural Design Studio – instructor, class size: 19

Summer Quarter

- ARCH 480: Fourth Year, Independent Study, Architectural Design Studio\*, Kaohsiung Port and Cruise Ship Terminal Competition – instructor, class size: 9

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## Classes 2009-10 Spring Quarter

- ARCH 353: Third Year, Architectural Design Studio – instructor, class size: 18
- ARCH 342: Third Year, Practice, core class in technology, materials and practice, class size: 170
- ARCH 453: Fourth Year, Interdisciplinary Design Studio\* - team taught, class size: 28 (overload)

## Winter Quarter

- ARCH 352: Third Year, Architectural Design Studio – instructor, class size: 18
- ARCH 452: Fourth Year, Interdisciplinary Design Studio\*, team taught, class size: 28 (overload)

## Fall Quarter

- ARCH 341: Third Year, Practice, core class in technology, materials and practice, class size: 165
- ARCH 462: Elective, The Prefabricated House in the 21<sup>st</sup> Century: Prefab 21\*, class size: 20

## Summer Quarter

- ARCH 453: Fourth Year, Architectural Design Studio\*, America's Cup Village for San Francisco – instructor, class size: 19

## Classes 2008-09 Spring Quarter

- ARCH 353: Third Year, Architectural Design Studio – instructor, class size: 18
- ARCH 342: Third Year, Practice, core class in technology, materials and practice, class size: 180
- ARCH 453: Fourth Year, Interdisciplinary Design Studio\* - team taught, class size: 24 (overload)

## Winter Quarter

- ARCH 352: Third Year, Architectural Design Studio – instructor, class size: 18
- ARCH 452: Fourth Year, Interdisciplinary Design Studio\*, team taught, class size: 24 (overload)

## Fall Quarter

- ARCH 341: Third Year, Practice, core class in technology, materials and practice, class size: 181
- ARCH ARCE CM X410: Elective: Integrated Building Envelopes\*, interdisciplinary class, team taught, class size: 24

## Summer Quarter

- ARCH 481: Fifth Year, Architectural Design Studio -Thesis – instructor, class size: 17

## Classes 2007-08: Spring Quarter

- ARCH 353: Third Year, Architectural Design Studio – instructor, class size: 18
- ARCH 342: Third Year, Practice, core class in technology, materials and practice, class size: 169
- ARCH 453: Fourth Year, Interdisciplinary Design Studio\*, Independent Study, class size: 14 (overload)

## Winter Quarter

- ARCH 352: Third Year, Architectural Design Studio – instructor, class size: 19
- ARCH 452: Fourth Year, Interdisciplinary Design Studio\*, Independent Study, class size: 14 (overload)

## Fall Quarter

- ARCH 341: Third Year, Practice, core class in technology, materials and practice, class size: 179
- ARCH ARCE CM X410: Elective: Integrated Building Envelopes\*, interdisciplinary class, team taught, class size: 25
- ARCH 351: Third Year, Architectural Design, Independent Study, 1 student (overload)

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## Classes 2006-07:

### Spring Quarter

- ARCH 353: Third Year, Architectural Design Studio – instructor, class size: 20
- ARCH 342: Third Year, Practice, core class in technology, materials and practice, class size: 181

### Winter Quarter

- ARCH 352: Third Year, Architectural Design Studio – instructor, class size: 19
- ARCH 452: Fourth Year, Architectural Design, Independent Study, 4 students (overload)

### Fall Quarter

- ARCH 341: Third Year, Practice, core class in technology, materials and practice, class size: 175
- ARCH 400 + 462: Elective: Integrated Building Envelopes\*, interdisciplinary class, team taught, (new class) class size: 18

## Classes 2005-06:

### Spring Quarter

- ARCH 342: Third Year, Practice, core class in technology, materials and practice, class size: 175
- ARCH 462: Elective, The Prefabricated House in the 21<sup>st</sup> Century: Prefab 21\*, (new class) class size: 18

### Winter Quarter

- ARCH 352: Third Year, Architectural Design Studio – instructor, class size: 19

### Fall Quarter

- ARCH 341: Third Year, Practice, core class in technology, materials and practice, class size: 181
- ARCH 462: Elective, Advanced Building Systems, class size: 21

## University of Technology, Sydney, NSW, 2002 – 2005

Lecturer, Construction and Design, permanent appointment

## Subjects 2005:

### Semester one:

- 11221: Second Year, Architectural Design Studio – “Architectonics”, year coordinator, class size: 96
- 11233: Third year, Advanced Architectural Construction\*, core class in construction and materials, class size: 65

## Subjects 2004:

### Semester two:

- 11234: Third Year, Architectural Design Studio – “Pragmatics”, year coordinator, class size: 84
- 11265: Fourth year, Integrated Technology, core class in construction and materials, class size: 48
- 11282: Elective design studio, International Cradle to Cradle Competition, class size: 18

### Semester one:

- 11221: Second year, Architectural Design studio – “Architectonics”, year coordinator, class size: 89
- 11233: Third year, Advanced Architectural Construction\*, core class in construction and materials, class size: 43

## Subjects 2003:

### Semester two:

- 11234: Third Year, Architectural Design Studio – “Pragmatics”, year coordinator, class size: 64
- 11217: First year, Introduction to Construction and Structural Synthesis, core class in construction and materials, class size: 89

### Semester one:

- 11282: Elective, Advanced Building Systems, class size: 34
- Teaching relief to re-write the construction and technology core classes

# JamesDoerflerArchitect

**University of Technology, Sydney, NSW, 1998-2002**  
Sessional lecturer and design tutor and design coordinator

Subjects 2002:  
Semester two:

- 11224: Second Year, Architectural Design Studio – “Architecture and Community,” year coordinator, class size: 88

Semester one:

- 11221: Second year, Architectural Design studio – “Architectonics”, tutor, class size: 17
- 11282: Elective, Modern Architecture, class size: 33

Subjects 2001:  
Semester two:

- 11224: Second Year, Architectural Design Studio – “Architecture and Community,” tutor, class size: 16
- 11282: Elective, Advanced Building Systems, class size: 25

Semester one:

- 11221: Second year, Architectural design studio - “Idea of Home”, tutor, class size: 18
- 11282: Elective, Modern Architecture, class size: 28

Subjects 2000:  
Semester two:

- 11224: Second Year, Architectural Design Studio – “Architecture and Community,” tutor, class size: 16
- 11282: Elective, Advanced Building Systems, class size: 28

Semester one:

- 11224: Second Year, Architectural Design Studio – “Architecture and Community,” tutor, class size: 18

Subjects 1999:  
Semester two:

- 11282: Elective, Modern Architecture, class size: 28
- 11224: Second Year, Architectural Design Studio – “Architecture and Community,” tutor, class size: 18
- 11282: Elective, Advanced Building Systems, class size: 25

Semester one:

- 11221: Second year, Architectural design studio - “Idea of Home”, tutor, class size: 18 (new class)
- 11282: Elective, Modern Architecture, class size: 24

Subjects 1998:  
Semester two:

- 11224: Second Year, Architectural Design Studio – “Architecture and Community,” tutor, class size: 16
- 11282: Elective, Advanced Building Systems, class size: 22 (new class)

\* designates transdisciplinary, interdisciplinary or multidisciplinary class

**Syracuse University** School of Architecture - Teaching and research assistant for courses in the history and theory of Renaissance and Twentieth Century Architecture – Lecturer/tutor for First Year Architectural History Survey