

Margaret Kirk

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Venn Design Journal

CURRICULUM VITAE

[2022-Present] *Visiting Critic*. Ithaca, NY: Cornell University

[2016-Present] *Lecturer B*. San Luis Obispo, CA: California Polytechnic State University

[2005-2016] *Adjunct Associate Professor*. Brooklyn, NY: Pratt Institute

[2015-2016] *Adjunct Professor*. New York, NY: School of Visual Arts

EDUCATION

[In Process] *Doctorate of Design (DDes)*. FIU Florida International University

□ Full Scholarship 2022-2023

[2005] *Master of Architecture (M.Arch)*. Brooklyn, NY: Pratt Institute

Thesis: Operations of Presence in Architecture

[2002] *Bachelor of Architecture (B.Arch)*. Syracuse, NY: Syracuse University

Thesis: Downtown Satellite for the Walker Art Center Minneapolis, MN

[2000-2001] *Study Abroad*. Florence, Italy: Syracuse University

ADDITIONAL EDUCATION

[2015] Embedded Intelligence: Architectural Association School of Architecture Visiting School

[2015] Programming for Python: University of Michigan

[2014] Design: Creation of Artifacts in Society: University of Pennsylvania

[2014] Gamefication: Wharton Business School, University of Pennsylvania

[2013] Think Tank: Ideal City of the 21st Century: Leuphana Digital School

CREDENTIALS

Licensed Architect NY State

NCARB Certified

Certified Passive House Consultant (PHIUS)

Policy Committee PHIUS

Education Committee PHIUS

California/ Pacific Region Representative PHIUS

Framework Committee Member | The Alliance | A Foundation for Interdisciplinary Learning

PROFESSIONAL / RESEARCH EXPERIENCE

[2020-present] *Co-Owner*. Los Osos, California: KD + Design Build

[2013-present] *Owner*. Buro Bureau Research and Development

[2014-2021] *Owner*. S.341-b Building Technology Consultancy

[2009-2014] *Associate*. New York, NY: DBA

[2008] *Consultant*. Brooklyn, NY: Delson or Sherman

[2007-2008] *Project Designer/ Project Manager*. Brooklyn, NY: Khanna Schultz

[2005-2007] *Project Designer/ Project Manager*. New York, NY: Flank

[2003-2005] *Research Assistant*. New York, NY: LabDORA Design Office for Research in Architecture

[2003-2005] *Project Designer*. New York, NY: Vandenberg Architects.

[2003] *Project Designer*. Minneapolis, MN: Hammel, Green, and Abrahamson (HGA)

[1998-2002] *Junior Designer*. Minneapolis, MN: Ellerbe Becket

GRANTS AND AWARDS

[2022] Secured funding for Design Village Cal Poly 2022 and sustained funding (\$12,500 and \$15,000 sustained)
[2019] LPA Grant for Interdisciplinary Studies (\$10,000)
[2018] Cal Poly Community Service Awards: Service-Learning- Faculty Team
[2018] County of San Luis Obispo, CA Certificate of Recognition
[2018] California Legislature Assembly Certificate of Recognition
[2017] Hearst Student Scholar Fellowship Award for Research and Development
[2009-2010, 2012-2013] Pratt Institute Faculty Development Grant
[2002] Pratt Institute Scholarship
[1999] Syracuse University: Chancellor's Award for Community Service
[1999] Syracuse University: Cutler Merit Scholarship
Syracuse University: Dean's List

SELECTED JOURNAL AND BOOK CHAPTERS

Kirk, M. (2017). Adapting Architecture: Hacking Parasitic Technologies. *Adaptive Interventions*
Kirk, M. (2013). The Operation of Space. *Autonomous Identities*. 148-151.
Kirk, M. (2012). Technology and the Decentralized Interface. *Assemble*. 108-111.
Kirk, M. (2010). Decentralized City. *Sift Journal*. 6-7.
Kirk, M. (2005). The Operation of Presence in Architecture. *Inprocess 11*. 184.

PEER REVIEWED CONFERENCE PAPERS

Kirk, M., Thompson, A. (2019). Confluence of Forces: The Decentralized Manifestation of a Passive House, UT. *Passive House Institute United States (PHIUS)*
Kirk, M., Starzyk, G., Bashaw, D. (2018). Interdisciplinary Education in an Integrated Project Delivery Studio: Designing and Building Prefabricated Components. *Associated Schools of Construction (ASC)*
Kirk, M. (2017). Qualitative Collaboration. Proceedings: Poetics+Pragmatism. 19-26. *Building Technology Educator's Society*.

INDUSTRY PUBLICATIONS

Primary Author for all six Architect Registration Exam 5.0 divisions and combined PPD/PDD resource book under development and publication

OTHER PUBLICATIONS

Kirk, M. (2013). The Dangers of Going Green. *Ensia Online*.

SELECTED CONFERENCES

Diverse Voices for Change – How Women Architects Investigate Various Certifications and Strive Towards Truly Regenerative Building Design. PHIUS con/ NAPHC. New York, NY. October 14-15, 2021. Moderator
"Confluence of Forces: The Decentralized Manifestation of a Passive House, UT." Selected for Case Studies in Different Climates & Measured Data presentation at the 14th Annual North American Passive House Conference. Washington, DC. December 6-7, 2019. Paper presentation, moderator
"Interdisciplinary Education in an Integrated Project Delivery Studio: Designing and Building Prefabricated Components." Selected for presentation at the ASC 54th Annual International Conference. Minneapolis, MN. April 18-21, 2018
"Qualitative Collaboration." Selected for presentation at the Building Technology Educators' Society (BTES) Poetics+Pragmatism Conference. Des Moines, Iowa. June 8-10, 2017

SELECTED PROFESSIONAL WORK PUBLICATIONS

The Independent, January 2014, "Room Service: Hilton Shillim, India"

Domus Online, January 2012, "Buildings Rooted in Two Continents"

Dwell Online, July 2010, "Salaam Mumbai"

Interior Design, January 2010, "Everybody, Gather Round"

The Real Deal, July 2009, "441 East 57th Street Succeeds Because it Makes No Concessions"

The Real Deal, January 2009, "520 West 27th Street: Dullness is Deceptive in New Design"

Curbed, March 2008, "Curbed Inside: flank's New West Chelsea Digs"

SPEAKING ENGAGEMENTS

(2022) Cornell University Thesis Reviews

SELECTED EXHIBITED WORK

(2015) Embedded Intelligence Architectural Association Visiting School

(2014) Material Vocabularies, iijournal

(2011) Sketch Universidad de Monterrey, Mexico

(2010, 2013-14) Pratt Green Week

(2007) Van Alen Institute

(2006) Pratt Show

ADVISORY BOARDS

(2013-2015) Unbuilt Visions

D3:dialog journal

International Journal of Interior Architecture and Spatial Design

EDITORIAL

(2021-present) *Editor-in-chief*. Venn Design Journal

(2021-present) *Invited Peer Reviewer*. Academia Letters

(2012-present) *Associate Editor*. International Journal of Interior Architecture + Spatial Design [ii journal]

(2010-present) *Associate Editor*. D3:dialog

COURSES TAUGHT

Cornell University Undergraduate and Graduate Studies

ARCH 2614/5614: Building Tech I: Materials and Methods

ARCH 4605/6605/4408/6408: Bespoke Ecology [elective].

California Polytechnic State University Undergraduate Studies

DEV10-E872-01-2196

Thesis Advisor

ARCH 480 Special Studies in Architecture

ARCH 453 Architectural Design 4.3

ARCH 452 Architectural Design 4.2 Independent Study

ARCH 451 Architectural Design 4.1 Integrated Design

ARCH 351 Architectural Design 3.1

ARCH 352/353 Architectural Design

ARCH 342 Architectural Systems Integration 3.3
ARCH 341 Architectural Systems Integration 3.1
ARCH 307 Architectural Systems Integration 3.2
ARCH 242 Architectural Technology Fundamentals 2.2
ARCH 241 Architectural Technology Fundamentals 2.1
ARCH 207 Architectural Technology Fundamentals 2.3
ARCH 133 Design and Visual Communication 1.3
ARCH 132 Design and Visual Communication 1.2
ARCH 131 Design and Visual Communication 1.1

School of Visual Arts Undergraduate Studies

ID-2035: Building Systems II

ID-2030: Building Systems I

Pratt Institute Graduate and Undergraduate Studies

XID-109: Drawing for Interior Design

INT-658: Special Topics: Visual Systems

INT-606: Qualifying Architectural Drawing

INT-604: Qualifying Construction

INT-560: CADD I

INT-323: Presentation Techniques

INT-215: Construction Systems

ACADEMIC RESPONSIBILITIES / SERVICE

Cal Poly

Articulation agreements

Securing project funding and managing material ordering and finances

Travel planning and coordination

Building shared curriculum objectives (fourth year)

Project permitting

Pratt Institute

Media Coordinator

Online course coordinator

Media/ CADD Curriculum coordinator

Drawing Curriculum coordinator

BFA Curriculum coordinator

Admissions review

Social Media and Web Page Administrator

CIDA Coordinator

Full-time Faculty search committee member

Peer Review Committee member for faculty promotions

INVITED CRITIC

[Various Reviews] Cornell University

[2022 Invited Juror] Cornell University / REALWORK Design Studio Competition Caroline O'Donnell and Iris Ma

[2022 Invited Juror] Cornell University / Thesis Reviews

[Various Reviews] California Polytechnic State University

[Various Reviews] Pratt Institute

[Various Reviews] School of Visual Arts

[Various Reviews] New York School of Interior Design

[Various Reviews] Syracuse University

RELEVANT SKILLS

Software: AutoCAD, Revit, 3ds Max, Maya, Rhino, Adobe Creative Suites, Grasshopper, WUFI, THERM.

Programming: HTML, CSS, MEL, LISP, Python3d Fabrication, 3d modeling, parametric design and fabrication, 3d printing, laser-cutting, CNC milling, 20+ years of Design and Construction experience, basic electromagnetics and energy production, wearable technology, grant writing, sustainable net-zero design, net-zero policy

LANGUAGES

English, Spanish, Italian, some German, some French

AFFILIATIONS

PHIUS, PHIUS Alliance Council, NCARB, American Institute of Architects, AIA Central Coast, IVY innovators,

ACADIA (Association for Computer Aided Design in Architecture), Building Technology Educators Society

(BTES), Society of American Registered Architects (SARA)

LINKS

Linkedin: www.linkedin.com/in/margaret-kirk-aia-cphc-27089aa/

Academia.edu: <https://calpoly.academia.edu/margaretkirk>

Professional work: www.studio341b.com

Academic Studios: Instagram: [studio_kirk](https://www.instagram.com/studio_kirk)

Editorial: Venn Design Journal: venndesignjournal.com/

Research: <https://burobureau.com/>