

# Margaret

# Kirk

AIA | NCARB  
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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] Gameification: Wharton Business School, University of Pennsylvania
- [2013] Think Tank: Ideal City of the 21<sup>st</sup> 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: Vandeberg Architects.
- [2003] *Project Designer*. Minneapolis, MN: Hammel, Green, and Abrahamson (HGA)
- [1998-2002] *Junior Designer*. Minneapolis, MN: Ellerbe Becket

## **G R A N T S A N D A W A R D S**

- [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

## **S E L E C T E D J O U R N A L A N D B O O K C H A P T E R S**

- 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.

## **P E E R R E V I E W E D C O N F E R E N C E P A P E R S**

- 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*.

## **I N D U S T R Y P U B L I C A T I O N S**

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

## **O T H E R P U B L I C A T I O N S**

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

## **S E L E C T E D C O N F E R E N C E S**

- 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

**A C A D E M I C   R E S P O N S I B I L I T I E S   /   S E R V I C E**

*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/](https://www.linkedin.com/in/margaret-kirk-aia-cphc-27089aa/)

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

Professional work: [www.studio341b.com](http://www.studio341b.com)

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

Editorial: Venn Design Journal: [venndesignjournal.com/](http://venndesignjournal.com/)

Research: [https://burobureau.com/](http://burobureau.com/)