



## CANDIDATE for AT-LARGE DIRECTOR (3-year term)

Gundula Proksch, University of Washington

### Candidate Statement

As we, architects, expand our sphere of influence, we embrace and build on skills, approaches, and dualities ingrained in our discipline—embracing humanities and STEM, theory and practice, beauty and stability, physical space and living communities, and working across multiple scales, globally and locally. These complexities fused with design thinking support our visions of more sustainable and just futures as we work with a wide range of tools and technologies to respond to the unprecedented challenges of our times. Through practice, scholarship, research and teaching we can advance climate action, circular cities, sustainable food systems, affordable housing, health and well-being, and social equity. With the profession diversifying, new questions constantly emerging, and complexity increasing, ACSA supports member schools in navigating these changes, embracing challenges as opportunities, and creating distinctive, innovative learning environments.

My work as a licensed architect, Associate Professor, and the Director of the Circular City + Living Systems Lab (CCLS) connects interdisciplinary sustainability research with professional practice, urban scale investigations with building system assessment, and urban food production with alternative funding strategies. In my current research I leverage interdisciplinary collaborations with scientists and practitioners from a wide range of disciplines: engineering, urban design, planning, real estate, business, food systems, aquaculture, data science, and data visualization. As an At-Large Director I will contribute my experience to further ACSA's strategic initiatives to advance funded research and impact of scholarship, to recruit and nurture diverse student bodies, and to communicate the value of architecture within academia, practice, and beyond. I am particularly enthusiastic to support the following strategic initiatives:



#### ENHANCING RESEARCH:

As the Principle Investigator of the NSF-funded international research project "Belmont Forum Collaborative Research: CITYFOOD," I seek opportunities to position architectural research in the broader scientific, interdisciplinary research environment. I believe architects are uniquely positioned to work across scales, boundaries, and sectors to innovate, address grand challenges, and advance the science-practice continuum. We need to use our unique skills to open opportunities for new inquiries, funding opportunities, research methods, and collaborations.

-Interdisciplinary collaboration is a core value and new reality of professional practice. By embracing allied professions as research partners, we can jointly advance technologies, knowledge transfer, collaboration methods, performance measures, and leverage synergies between research and design as funding agencies invite transdisciplinary and applied research with new funding models.

-The momentum of transdisciplinary research can help ACSA and collateral partners AIA, NCARB, NAAB, and AIAS to comprehend future professional directions and requirements and to incorporate them in the accreditation process. Integrating research methods and collaborative practices more broadly into the curriculum will better prepare our students for a changing profession.

-Through my experience representing my college in the UW Faculty Senate (and its Executive Committee), I am prepared to effectively communicate the value of architectural research to universities, the wider academic community, and funding agencies. I am also determined to aid ACSA initiatives that help member schools (and faculty) articulate a clearer path to tenure and promotion within their universities and to navigate peer-review processes.

-With architecture's recognition as a STEM discipline, options for additional funding and student recruitment will increase. Schools of architecture can model for universities how to integrate STEM and humanities successfully into professional degree programs. As universities struggle with this integration to realize reciprocal benefits in many disciplines, architectural faculties have the great opportunity to demonstrate how to actively leverage this duality, well-supported by the two thriving journals, TAD and JAE.

#### INCREASING ACCESS, EQUITY, AND DIVERSITY:

I work with a large number of first-generation students, a wide range of learners, and the Global Sustainability Scholars program, and I firmly believe that we must go beyond actively recruiting diverse students and faculty. We need to create inclusive and equitable academic communities for all to thrive by reducing systemic barriers, increasing self-awareness, and developing intercultural competency. Building on the ACSA and AIA diversity resources, including the Guides for Equitable Practice and Women in Design committee, we must embrace more strongly a culture of mentorship to foster future generations of architects who will look more like the communities we serve.

#### ENRICHING PEDAGOGY:

As an architectural educator, I am most excited about contributing to ACSA's core mission to foster an innovative future for architectural pedagogy. Throughout my academic career, spanning both coasts—from New York (Parsons and NYIT) to Seattle (University of Washington)—I have translated my research into syllabi for courses that extend inquiries and findings, and speculate regarding unanswered questions to help our students find paths to their own futures. To demonstrate our relevance and our value, our classes and curricula must demonstrate real-world impact towards the greater good. Architectural pedagogy needs to amplify the curiosity, enthusiasm, and activism of our students while fostering their creativity, critical thinking, and professional competency.



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## Abbreviated Curriculum Vitae

### EDUCATION

Cornell University Master of Architecture	Master of Architecture	2000
University of Technology Braunschweig	Diplom Ingenieur in Architecture, (master degree equivalent)	1997
Federal Institute of Technology, ETH Zurich	DAAD academic exchange scholar	1994

### ACADEMIC POSITIONS

University of Washington	Associate Professor of Architecture	2015-present
University of Washington	Assistant Professor of Architecture	2008-2015
UW Circular Cities + Living Systems Lab (ORU)	Director	2019-present
Parsons The New School for Design	Design Faculty, Department of Architecture	2002-2008
NYIT School of Architecture & Design	Adjunct Assistant Professor	2002-2007

### PRACTICE AND LICENSURE

Proksch + Proksch Architekten, Seattle	Principal	2002-present
Skidmore, Owings & Merrill, SOM, New York	Senior Designer	2006-2008
Richard Meier & Partners, New York	Project Manager	2000-2003
David Chipperfield Architects, London	Architect	1997-1998
Architektenkammer NRW, Germany	Licensed Architect, # A 34618	since 2002
American Institute of Architects	International Associate, # 38005851	since 2009

### PUBLICATIONS (selected)

Books + book chapters

**Proksch, Gundula.** Creating Urban Agricultural Systems: An Integrated Approach to Design. New York/ London: Routledge, 2017

**Proksch, Gundula, Erin Horn.** "Urban Integration of Aquaponics" in Urban agriculture and regional food systems: A global handbook on the urban food revolution, edited by Peter Droege, Springer, 2020 (forthcoming).

**Proksch, Gundula, Alex Ianchenko.** "Rooftop Greenhouses: technical, operational and legal considerations" in Urban agriculture and regional food systems: A global handbook on the urban food revolution, edited by Peter Droege, Springer, 2020 (forthcoming).

**Proksch, Gundula, Alex Ianchenko, Benz Kotzen.** "Aquaponics in the Built Environment" in Aquaponics Food Production Systems: Combined Aquaculture and Hydroponic Production Technologies for the Future, ed. A. Joyce, S. Goddek, B. Kotzen, Springer, 2019.

**Proksch, Gundula, Joshua Brevoort, Lisa Chun.** "Growing Urbanism: An Evolutionary Urban Ecology in Cascadia" in Now Urbanism: The New City is here, ed. J. Hou, B. Spencer, T. Way, K. Yocom, Routledge, 2015. Journal articles

**Proksch, Gundula.** "CITYFOOD: Research design for an international, transdisciplinary collaboration," Technology, Architecture and Design, TAD 04, Issue 1, Spring 2020 (forthcoming).

**Proksch, Gundula.** "Growing Sustainability - Integrating Algae Cultivation into the Built Environment," Edinburgh Architecture Research EAR, Volume 33, Methodologies for Sustainable Projects, 2013, 147-162.

Yocom, Ken, **Gundula Proksch**, Branden Born, Shannon Tyman. "The Built Environments Laboratory: An Interdisciplinary Framework for Studio Education in the Planning and Design Disciplines," Journal for Education in the Built Environment, Vol. 7. 2, 2012, 8-25.

### FUNDED RESEARCH (selected)

National Science Foundation (NSF)	PI, "Belmont Forum Collaborative Research: CITYFOOD" as part of	2018-2021
Belmont Forum + JPI Urban Europe	Co-PI, SUGI, Food-Water-Energy Nexus, total funding \$2.3 million	
eScience Institute, UW	Co-Project lead, Data Science for Social Good (DSSG)	2017
Runstad Center for Real Estate Studies, UW	Affiliate Fellow	2016-2018
Johnston-Hasting Publication Endowment, CBE	PI, "Creating Urban Agricultural Systems"	2014
Royalty Research Fund (RRF), UW	PI, "Cultivating Edible Cities"	2012

### SERVICE

Global Sustainability Scholars Program	Mentor	2019-present
City of Seattle, Design Review Board Downtown	Member	2012-2016
AIA Baltimore	Member of Award Jury	2017
AIA North Carolina	Member of Award Jury	2016
AIA Seattle Honor Awards	Moderator	2015 + 2016
ACSA Conference Session	Co-Chair, "Less is More: Creativity through Scarcity"	2013
UW, Faculty Senate Executive Committee	Member	2017- 2018
UW, Faculty Senate	CBE Faculty Senate Representative	2016-2018
UW, Faculty Council on University Facilities and Services (FCUFS), Member		2010-2016

**Academic Reviewer:** TAD, JAE, Landscape Journal, ACSA, CELA, Agriculture and Human Value, On Sustainability, Routledge

**Design Reviews and Juries:** Columbia University, Columbia and Barnard Colleges, Cooper Union, Cornell University, Georgia Institute of Technology, Harvard University, Illinois Institute of Technology, Pratt Institute, Princeton University, Syracuse University, University of Arizona, University of British Columbia, University of California Berkeley, Universität der Künste Berlin.

For full biography, please visit <http://arch.be.uw.edu/people/gundula-proksch/> or <http://ccls.be.uw.edu/>