

AVIGAIL SACHS

Associate Professor and Architecture Graduate Studies Chair
College of Architecture and Design
University of Tennessee, Knoxville
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EDUCATION

- 2009 **Doctor of Philosophy in Architecture**
College of Environmental Design, University of California, Berkeley
- 1997 **Master of Science in Architecture Studies**
School of Architecture and Planning, MIT
- 1995 **Bachelor of Architecture, Cum Laude**
Faculty of Architecture and Town Planning, Technion, Israel Institute of Technology

ACADEMIC APPOINTMENTS

- 2017- PRESENT **Associate Professor, Architecture and Landscape History and Theory**
College of Architecture and Design, University of Tennessee, Knoxville
- 2011 - 2017 **Assistant Professor, Architecture and Landscape History and Theory**
College of Architecture and Design, University of Tennessee, Knoxville
- 2009-2011 **Lecturer, Design History and Theory**
College of Architecture and Design, University of Tennessee, Knoxville
- 2002-2009 **Graduate Student Instructor**
College of Environmental Design, University of California, Berkeley
- 2000-2002 **Adjunct Lecturer**
Faculty of Architecture and Town Planning, Technion, Israel Institute of Technology
- 1997-2000 **Adjunct Teacher**
Faculty of Architecture and Town Planning, Technion, Israel Institute of Technology

FELLOWSHIPS AND AWARDS

- 2020 **Residential Fellow**
Israel Institute of Advanced Studies,
Research Group: Re-theorizing the Architecture of Housing as Grounds for Research and Practice
- 2019 **Award of Excellence**
Southeast Chapter of the Society of Architectural Historians (SESAH)
Environmental Design: Architecture, Politics and Science in Postwar America
- 2018 with Micah Rutenburg: **Lawrence B. Anderson Award**
School of Architecture, MIT
The Logistics of Mechanized Landscapes
- 2017 **SAH/Mellon Author Award**
Society of Architectural Historians (SAH)
Environmental Design: Architecture, Politics and Science in Postwar America
- 2015-2017 **James Johnson Dudley Faculty Scholar**
College of Architecture and Design, University of Tennessee, Knoxville
Atelier TVA: Designers in the Great Depression
- 2014-2015 **Humanities Center Fellow**
University of Tennessee, Knoxville
- 2014 **Chancellor's Grant for Faculty Research**
University of Tennessee, Knoxville
- 2013 **Graduate Division Professional Development Award**
University of Tennessee, Knoxville
- 2010 **2009-2010 Journal of Architectural Education Best Scholarship of Design Article Award**
Association of Collegiate Schools of Architecture and the Journal of Architectural Education
- 2007-2008 **Beverly Willis Architecture Foundation Dissertation Fellowship,**
2007-8 Society of Architectural Historians

- 2007 **Fellow, Summer Institute for Preparing Future Faculty**
University of California, Berkeley
- 2006 With Noam Austerlitz: **2nd Place: Alternative Educational Ways for Teaching and Learning Architectural Design**
Open House Architectural Education Competition
- 2006 **CRS Center Archives Scholar Award**
Texas A&M University
- 2005 **Graduate Division Summer Award**
University of California, Berkeley
- 2003, 2004 **New England Fund Award**
Technion, Israel Institute of Technology
- 2003-2004 **Outstanding Graduate Student Instructor Award**
University of California, Berkeley

PUBLICATIONS

BOOK

- 2018 **Environmental Design, Architecture, Politics and Science in Postwar America**
University of Virginia Press
- Award of Excellence by the Southeast Chapter of the Society of Architectural Historians (SESAH)

PEER REVIEWED JOURNALS AND EDITED VOLUMES

- 2019 **Research and Democracy: The Architectural Research Division of the Tennessee Valley Authority**
Journal of Architecture 20/7 pp. 925-949
- 2016 **Marketing through Research: William Caudill and Caudill Rowlett Scott (CRS)**
20th Anniversary Anthology, Journal of Architecture, 21/4, pp. 524-539
- First published in: *Journal of Architecture* 14/1 pp. 737-752 (2008)
- 2013 **The Pedagogy of Prefabrication: Building Research at MIT in the Postwar**
A Second Modernism: MIT, Architecture and the 'Techno-Social' Moment Edited by Arindam Dutta (MIT Press) pp. 226-251

- 2013 **Architects, Users, and the Social Sciences in Postwar America**
Use Matters: An Alternative History of Architecture edited by Kenny Kupers (Routledge)
 pp. 69-84
- 2013 with Tricia Stuth **Innovation and Tradition: Eighty Years of Housing Construction in Southern Appalachia**
Construction History 28/1 pp. 65-82
- 2009 **On the Question of Leadership: The Postwar Department of Education and Research at the AIA**
ARCC Journal 6/2 pp. 16-24
- 2009 **The Postwar Legacy of Architectural Research**
Journal of Architecture Education 62/3 pp. 53-64
- 2006 With Noam Austerlitz, **Community, Collaboration and Communication in the Design Studio**
Open House International 31/2 pp. 25-32
- 1999 **Stuckness in the Design Studio**
Design Studies 20/2 pp. 195-209

CONTRIBUTIONS TO EDITED VOLUMES AND ONLINE SOURCES

- 2019 **Jane West Clauss**
Pioneering Women of American Architecture, edited by Mary McLeod and Victoria Rosner, Beverley Willis Architecture Foundation (online resource)
- 2012 with Joan Ockman **Modernism Takes Command**
Architecture School, Three Centuries of Educating Architects in North America, Edited by Joan Ockman with Rebecca Williamson (MIT Press) pp. 120-159
- 2008 **Gold Medalist, 1991 Charles W. Moore, FAIA**
Architecture: Celebrating the Past, Designing the Future: Commemorating The 150th Anniversary of the American Institute of Architects, ed. Nancy B. Solomon and Robert Ivey (Visual Reference Publications) p. 201

OTHER

- 2016 **Researching Architectural Research** (Interview)
Room One Thousand Issue 4 "Architectural Expertise" pp. 147-164

2014 **The Trouble with Certainty, An Op-Ed On the Wickedness of Application**
The ARPA Journal 1/1

2003 **Architecture and Politics: The Role of Israeli Architects**
arcCA The Journal of the American Institute of Architects California Council 03/2 p. 25

2002 **Building with Earth: On a Unique Collaboration in India**
Perspective, Architecture Magazine, 12 pp. 18-19 (in Hebrew)

BOOK REVIEWS

2020 **Book Review of *Modernism's Visible Hand: Architecture and Regulation in America* by Michael Osman**
Buildings & Landscapes 26/2 pp. 127-128

2013 **Book Review of *The Chesapeake House: Architectural Investigation by Colonial Williamsburg***
Arris, Journal of the Southeast Chapter of the Society of Architectural Historians Volume 24 pp. 74-75

PEER REVIEWED CONFERENCE PRESENTATIONS

2019 **The Garden in the Machine: The TVA Landscape**
72nd Annual Meeting of the Society of Architectural Historians April 24-28,
Providence, Rhode Island

2018 **Research as Persuasion: Architectural Research in the Tennessee Valley Authority**
Fifth International Meeting of the European Architectural Historians Network, June 13-
16, National Library of Estonia, Tallinn, Estonia

2017 **The Wicked Problem of Collaboration**
and
"Selling" the TVA: The Machine in the Garden and the Garden in the Machine
Society for American City and Regional Planning History Conference, October 26-28,
2017, Cleveland, Ohio

2013 **Architecture or Environmental Design? The Postwar Debate**
66th Annual Meeting of the Society of Architectural Historians, April 10-14, 2013, Buffalo,
New York

2012 **Setting up Systems: New Deal Housing Construction in East Tennessee**

With Sarah E. Potter

American Construction History, 1850-1950, Construction History Society of America 3rd Biennial Meeting, November 2-3, 2012, Department of Architecture, MIT

- 2009 **On the Question of Leadership: The Postwar Department of Education and Research at the AIA**
ARCC 2009 – Leadership in Architectural Research, Between Academia and the Profession, April 15-18 2009, San Antonio, Texas
- 2008 **Enhancing Design Curricula through Scientific Research: Lesson from a Curricular Reform in an American Postwar Research University**
Enhancing Curricula: Using Research and Enquiry to Inform Student Learning in the Disciplines, 4th International Conference of the Centre for Learning and Teaching in Art & Design, April 2008, New York
- 2007 **Marketing through Research: William Caudill and Caudill Rowlett Scott (CRS)**
59th Annual Meeting of the Society of Architectural Historians, April 11-14, 2007, Pittsburgh, Pennsylvania
- 1998 **Inquiries in the Design Studio**
Forum II: Architectural Education for the 3rd Millennium, April 22-24 1998, Gazimagusa, Turkish Republic of Northern Cyprus

INVITED PRESENTATIONS

- 2015 **City Planning, Urban Design and Environmental Design: The Postwar Debates**
Urban Edge(s): Positions & Methods Mini-Seminar, October 15, 2015, School of Architecture and Planning, University of Wisconsin, Milwaukee
- 2013 **A Campus for the 21st Century?**
TEDexUTK, February 21, 2013, Baker Center, University of Tennessee, Knoxville
- 2013 **People I can Deal With: Wicked Problems as a Human Based Theory**
Wicked Problems in Socio-Ecological Systems: Symposium and Workshop, October 26, 2013, College of Environmental Design, University of California, Berkeley
- 2013 **Ready for the Future: Postwar Transformations at the University of Pennsylvania**
Architecture Education Goes Outside Itself: Crossing Borders, Breaking Barriers, February 8-9, 2013, School of Design, University of Pennsylvania

- 2011 **The Early Life of Social and Cultural Factors**
The Death and Life of Social Factors Conference, April 29-30, 2011, College of Environmental Design, University of California, Berkeley
- 2009 **The Pedagogy of Learning from Las Vegas**
Architecture and Urbanism Research (ARC) Colloquium, March 4, 2009, Department of Architecture, University of California, Berkeley
- 2008 **A Postwar Experiment: Research for Architecture**
Clarence Ward Spring 2008 Lecture Series: New Approaches To Modern Architecture, March 5, 2008, Art Department, Oberlin College
- 2006 **Gropius Came to America**
Faculty Colloquium, March 22, 2006, Faculty of Architecture and Town Planning, Technion Israel Institute of Technology
- 2005 **Bringing 'Environmental' to 'Design': The Founding of the College of Environmental Design at UC Berkeley**
Buell Dissertation Colloquium, April 16, 2005, Columbia University

PROFESSIONAL ARCHITECTURE EXPERIENCE

Registered in Israel, license #101814

- 1997-2002 **Ammar-Curiel Architects, Haifa**
Project Architect
- **Il Futuro non ha Memoria, Sail Tower Haifa** by Carlo Paganelli, in: *l'Arca* 171 pp. 32-37 (2002)
- 2001 Earthville 2001
Volunteer Team Member
- **Israel in India** in: *Architectural Review* 212/1267 pp. 72-74 (2002)
- 1995 **Yoram Fogel Architect, Jerusalem**
Architect

TEACHING EXPERIENCE

COLLEGE OF ARCHITECTURE AND DESIGN, UNIVERSITY OF TENNESSEE, KNOXVILLE

Introduction to the Built Environment

Seminar on central ideas and knowledge in architectural discourse

History and Theory of Architecture II

Global survey of architecture and urbanism since 1750

Modern Architecture: Histories and Theories

Version 1: Survey of modern architectural theory 1750-present

Version 2: Seminar in modern and contemporary architectural theory

The Tennessee Valley Authority

Seminar on the history of the TVA architecture and design

Race and the American City

Seminar on the landscapes shaped by racism in the United States

Landscape Architecture: Histories and Theories I

Global survey of landscape architecture and environmental design from Antiquity to the late 1800s

Landscape Architecture: Histories and Theories II

Seminar on landscape planning and design in the 20th century

Architecture Research Theories and Methods

Seminar on the interdisciplinary knowledge in architecture

Design for the 21st Century

Seminar on crucial issues in contemporary design

Graduate Thesis Preparation

Seminar on critical thinking and project framing

History and Theory of Interior Design I

Global survey of architecture and interior design from Antiquity to the Middle Ages

SUPERVISED HONORS UNDERGRADUATE THESES

2015 **Marianela D'Aprile**

A City Divided: Fragmented Urban Space in 20th Century Buenos Aires

SUPERVISED GRADUATE THESES

MASTER OF ARCHITECTURE

- 2014 **Jason Cole**
URBAN(e): Agriculture Developing an Architecture That Supports Hyper-Localized
Agriculture in the Urban Context
- 2014 **Jason Stark**
MAKE A DELIRIOUS NOISE: Improvising Urbanism in New Orleans, Louisiana
- 2013 **Gregory Morrison**
Main Street: An Avenue of Culture and Commerce
- 2013 **Rob Thew**
Reconnect: A New Identity for Suburban Commercial Space

MASTER OF SCIENCE IN ARCHITECTURE

- 2014 **Lauren Dunn**
Breaking the Eviction Cycle: Rethinking Design in an Urban Homeless Campsite

SERVICE

DISCIPLINE AND PROFESSION

- 2018- PRESENT **SESAH's Publication Awards Committee**
Committee Chair
- 2012-PRESENT **The Collection of Women of the 20th Century American Architecture, Beverly Willis
Architecture Foundation and the National Endowment of the Arts**
Advisory Board
- 2013 **Society of Architectural Historians Committee of 300**
Committee Member
- 2012 **Historic Old North Knoxville's Annual Holiday Home Tour**
Hosted 1,600 visitors in renovated house at 222 E. Oklahoma Ave.
- s UNIVERSITY OF TENNESSEE, KNOXVILLE
- 2016 **Selection Committee for the Chancellor's Grants for Faculty Research**
Committee Member
- 2013-2016 **University of Tennessee, Knoxville, Graduate Council**
2019- PRESENT College of Architecture and Design Representative

2013-2016 **Graduate Council Curriculum Committee**
2019- PRESENT Committee Member

2012-2014 **Campus Planning and Design Committee**
Faculty Senate Representative

2011-2014 **University of Tennessee, Knoxville, Faculty Senate**
Senator and Caucus Chair

2011-2012 **Chancellor Teaching Award Jury**
Committee Member

COLLEGE OF ARCHITECTURE AND DESIGN

2017- PRESENT **Architecture Graduate Studies Chair**

2017- PRESENT **Director of Graduate Studies (School of Architecture)**

2017- PRESENT **Architecture Graduate Curriculum Committee**
Committee Chair

2011-2013, 2016- **Architecture Graduate Program Committee**
2017 Committee Member

2017-(2020) **Library and Archives Committee**
Committee Chair

2016-2017 **Search Committee for Tennessee Architecture Fellow**
Committee Chair

2015- 2017 **Director of the School of Architecture Advisory Committee**
Committee Member

2015 **Architecture Undergraduate Curriculum Committee**
Committee Member

2015 **Ad Hoc Committee on History and Theory**
Committee Member

2010 **College Graduate Studies Committee**

Committee Member and Chair

- 2011- PRESENT **Landscape Architecture Program Committee**
Committee Member
- 2013 **Search Committee for Chair of Landscape Architecture Program**
Committee Member
- 2011-2012 **Search Committee for Chair of Architecture Graduate Program**
Committee Member
- 2013- 2019 **UTK Chapter of NOMAS (National Organization of Minority Architecture Students)**
Faculty Advisor