



## 1.0 GENERAL INFORMATION

CHAIR, DEPARTMENT OF ARCHITECTURE  
NORTH DAKOTA STATE UNIVERSITY  
NDSU DEPT 2352  
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### 1.1

#### PERSONAL PROFILE

Susan Schaefer Kliman is a transformational leader with over 30 years of experience in the architectural profession, with a combination of academia, practice, and service. Dr. Kliman is a Professor and the Chair of the Department of Architecture at North Dakota State University. Prior to that she served for 5-1/2 years as an Associate Professor and Chair of the Department of Architecture and Urban Sustainability at the University of the District of Columbia as well as Co-Director of the Center for Architectural Innovation and Building Science at UDC. She began her professional career in private practice and has been the managing principal for her own firm since 1998. She has dedicated her career to the development of the next generation of architects, and has a long-standing commitment to equity and diversity in the profession.

#### Key accomplishments:

- Directed an academic department through a year of hybrid-flexible (HyFlex) instruction during the COVID-19 pandemic.
- As inaugural chair of stand-alone department of architecture at NDSU, coordinated with chairs of departments of landscape architecture and visual arts to formally launch the new School of Design and work on multiple strategic initiatives for the new School and opportunities for collaboration between the three disciplines.
- Successfully led the UDC Master of Architecture program through process of Initial Accreditation by the National Architectural Accrediting Board (NAAB), including preparation of Architecture Program Reports, planning and coordination of Continuation of Candidacy and Initial Accreditation visits.
- Provided leadership and strategic direction for a multi-discipline/multi-program department consisting of five full-time tenure track faculty, seven adjunct faculty, eight land-grant faculty, and one hundred ninety students enrolled in seven academic programs (program director for four).
- Set policy and priorities for University-wide Information Systems upgrades and projects as College representative for the IT Governance Committee at UDC.
- Developed curriculum for the following degree programs: M. Arch. (advanced standing and non-advanced standing); B.Sc. Arch.; B.A. in Urban Sustainability; and PhD in Urban Leadership & Entrepreneurship.
- Facilitated approval process through Department, College and Faculty Senate, and implementation of new B.A. in Urban Sustainability and PhD program in Urban Leadership & Entrepreneurship.
- Worked closely with the Director for the land-grant Architectural Research Institute to help place students in internships with the clinical arm of the academic program where they are engaged in community architectural projects through MOU's with the District of Columbia Department of Housing and Community Development.
- Volunteered for the NAAB for 11 years, including Chair of 5 and member of 4 Accreditation Teams; also served as a member of additional work groups/committees.
- Held leadership positions in both AIA and NCARB at local, regional and/or national levels.
- Raised funds and directed approx. \$30,000 in scholarship funds annually to college students in AEC programs as Treasurer of CBF Charities Board of Directors.

Dr. Kliman's research interests include high performance architecture/green infrastructure; urban heat island mitigation; building science; healthy and resilient communities; and food security. She has secured over \$120,000 in research grants and equipment for design projects.

#### 1.2 EDUCATION

2001	<b>Ph.D. in Arid Lands Resource Sciences, <u>University of Arizona</u></b> College of Agriculture and Life Sciences Minor in Geography Dissertation: <i>"Effects of Vegetation, Structural and Human Factors on the Thermal Performance of Residences in a Semi-Arid Environment"</i>	<b>Tucson, AZ</b>
1994	<b>Master of Architecture, <u>University of Arizona</u></b>	<b>Tucson, AZ</b>



College of Architecture, Planning and Landscape Architecture  
Thesis: “*The Effects of Orientation and Regional Climatic Variations on the Thermal Performance of a House*”

1986 **Bachelor of Architecture, Cornell University** Ithaca, NY  
College of Architecture, Art and Planning  
Thesis Project: *A Center for Creative Photography at the University of Arizona*

### 1.3 PROFESSIONAL REGISTRATIONS

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2020-present **Registered Architect**, State of North Dakota  
2016-2020 **Registered Architect**, District of Columbia  
2010-present **Registered Architect**, State of Virginia  
2010-present **Registered Architect**, State of Maryland  
2008-present **Registered Architect**, State of Sonora, Mexico (international license)  
2004-present **Registered Architect**, State of New Mexico  
1993-present **Registered Architect**, State of Arizona

### 1.4 CERTIFICATES & CREDENTIALS

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2017 **Certified Online Instructor**, Online Learning Consortium  
2006 **LEED AP (legacy)**  
1993 **NCARB Certificate Holder**

### 1.5 ACADEMIC APPOINTMENTS

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**North Dakota State University** Fargo, ND

2020 - present **Chair and Professor**

College of Arts, Humanities, and Social Sciences: Department of Architecture.  
Provide oversight for department with 11 full-time and 14 adjunct faculty, offering Bachelor of Science in Architecture and Master of Architecture degrees. Student enrollment in combined programs is over 350. Coordinate with other chairs within School of Design on development, recruitment and curriculum initiatives. Also teach graduate seminars in research methods and bioclimatic architecture.

**UNIVERSITY OF THE DISTRICT OF COLUMBIA** Washington, DC

2015 - 2020 **Chair and Associate Professor**

College of Agriculture Urban Sustainability and Environmental Sciences: Department of Architecture and Urban Sustainability.

Program director for B.S. Arch. and M.Arch. programs, as well as B.A. in Urban Sustainability. Academic Coordinator for PhD in Urban Leadership + Entrepreneurship. Provide oversight for Professional Science Master's degrees in Urban Agriculture, Urban Sustainability, and Water Resource Management. Student enrollment in combined programs is 195. Coordinate integrated studio and thesis studio sequence. Also teach graduate research methods.

2017 - present **Inaugural Co-Director (acting role from 2017-2018)**

Center for Architectural Innovation + Building Science.

Co-led the launch of this land-grant center, whose mission is to provide relevant and cutting-edge applied research and education to students, District residents, and the world in the areas of the technical performance of buildings, building materials and building systems. As Co-Director, created vision and goals for the program, developed programs, established and monitored the annual budget, and coordinated closely with the director for the Architectural Research Institute, housed within the Center.

2014 - 2015 **Adjunct Professor**

College of Agriculture Urban Sustainability and Environmental Sciences: Department of Urban Architecture and Community Planning.

Taught undergraduate and graduate level design studios and undergraduate course in ethics and practice.

**UNIVERSITY OF ARIZONA**

Tucson, AZ

1994 - 1995

***Graduate Teaching Assistant***

College of Architecture, Planning and Landscape Architecture: Department of Architecture.  
Assisted with the construction systems course, both grading and giving occasional lectures.

**1.5 PROFESSIONAL EXPERIENCE**

2007- present	<b><i>Firm Principal / Owner</i></b> Klimatic Architecture, LLC	McLean, VA and Tucson, AZ
2005-2007	<b><i>Firm Principal / Managing Partner</i></b> Bright/Kliman Architects, PLC	Tucson, AZ
1994-2005	<b><i>Firm Principal / Owner</i></b> Klimatic Architectural Design, LLC	Tucson, AZ
1991-1993	<b><i>Job Captain / Project Manager</i></b> PAA, Inc.	Tucson, AZ
1989-1991	<b><i>Designer / Project Manager</i></b> HSA Architects, Inc.	Las Vegas, NV
1988-1989	<b><i>Designer</i></b> Richard Luke Architect	Las Vegas, NV
1986-1988	<b><i>Project Manager</i></b> Giuliani Associates Architects	Washington, DC
1986-1988	<b><i>Intern Architect</i></b> Kemnitzer, Reid and Haffler (now EYP)	Washington, DC

**2.0 TEACHING****2.1 UNDERGRADUATE TEACHING (COURSES AND CATALOG DESCRIPTIONS)****UNIVERSITY OF THE DISTRICT OF COLUMBIA*****Architecture Studios***

Fall ARCP-201 Architectural Studio I

'15

This course is a continuation of ARCP-102 Basic Design and Communication II. The student will learn the graphic skills needed to organize and develop a set of working drawings and the communications skills to present it.

***Professional Practice (UDC)***Spring ARCP-414 Professional Ethics and Practice II [*prior to 2016 curriculum change*]

'15, '14

This course focuses, via the case study method, on the business and financial tools of professional practice, including real estate development and other emerging entrepreneur opportunities. The student is expected to understand the ethics associated with the practice of architecture as a business and profession that is responsible for the health, safety and welfare of the public.

***Independent Study***

Fall ARCP-299 Independent Study

'17, '16

Independent student research. Projects included retail architecture and alternative careers in architecture

**UNIVERSITY OF ARIZONA*****Construction Systems***Spring ARC335 Construction Systems (*graduate TA for Prof. Dominique Bonnamour-Lloyd*)

'94

Core curriculum course emphasizing building materials and construction systems. Also served as a university writing emphasis course

***Office Internships***

Fall/Spring ARC593 Internship



'05 thru '08 Specialized work on an individual basis, consisting of training and practice in actual service in a technical, business, or governmental establishment. I served as the professional supervisor for several students for office portion of the class and provided feedback and evaluations to students and course professor.

## 2.2 GRADUATE TEACHING (COURSES AND CATALOG DESCRIPTIONS)

### NORTH DAKOTA STATE UNIVERSITY

#### **Graduate Seminar – Professional Topics in Architecture**

Fall ARCH 789-06: Bioclimatic Architecture  
'21 Various topics related to theoretical or methodological aspects of architecture as a professional. This course will look at some different approaches to community design – both historic and contemporary – with a specific focus on long-term community health.

Spring ARCH 789-05: Research Methods  
'21 Various topics related to theoretical or methodological aspects of architecture as a professional. This course will synthesize and enhance concepts from prior studios and support courses to explore the above questions. A variety of exercises, discussions, and case studies we will be used to demonstrate the importance of inquiry, analysis, and application in the design process.

### UNIVERSITY OF THE DISTRICT OF COLUMBIA

#### **Architecture Studios**

Fall ARCP-501 Professional Studio Lab VII [*following 2016 curriculum change*]  
'19 '18, '17, '16 How does an architect learn to design a complex building that is aesthetically pleasing, responds to the surrounding, incorporates cutting edge technologies and materials, and satisfies all of the code requirements? This course is the final guided design studio of the architecture program curriculum and serves as the design portion of the curriculum on integrated practice. The course provides hands-on experience, and seeks to prepare students for the self-guided thesis project, as well as working in a professional office. The course also provides critical preparation for professional licensure. The student undertakes the design of a substantive building project in this semester with special attention to sustainability and building technology. Concurrent coursework in ARCP521 Architectural Systems & Environment completes the technical, systems, documentation and financial portions of the project. Competency in Revit and SketchUp is strongly recommended. Projects have included an Intergenerational Activity Center (2016, 2017); Adaptive re-use Senior Housing (2018); Low Income Assisted Living (2019).

Fall ARCP-501 Professional Studio Lab VII [*prior to 2016 curriculum change*]  
'15 This course is the first part of an integrated two semester studio sequence in the Master of Architecture degree program. The course seeks to prepare the student for the full-fledged status of intern architect preparing for licensure. The student undertakes the comprehensive design of a substantive urban mixed-use building project in this semester with special attention to sustainability, energy efficiency and development finance economics. Basic competency in Revit and SketchUp is strongly recommended. Comprehensive Design Studio. Project: Intergeneration Activity Center in Northwest DC.

Spring ARCP-502 Thesis Studio I [*following 2016 curriculum change*]  
'20, '19, '18, '17 This course is the first part of an integrated and largely self-guided two semester studio sequence in the Master of Architecture degree program. Work completed in this thesis course, along with the Graduate Seminar, is the foundation for the Capstone Thesis project. Students will program, research, and design a project of their choosing as a means of demonstrating the knowledge acquired in previous semesters. Basic competency in BIM/CAD/ computer graphic skills is required. The semester is devoted to making significant progress on the design statement envisioned in the predesign/research document prepared in ARCP507 Graduate Seminar during the preceding semester.

Fall ARCP-550 Thesis Studio II  
'18, '17 This course is the final part of an integrated and largely self-guided two semester studio sequence in the Master if Architecture degree program. Work completed in this course, along with ARCP507 and ARCP502, results in the capstone Thesis project. Students will refine and complete the documentation for the program, research, and design of the project of their choosing envisioned in the previous courses of the sequence. In doing so, the student will demonstrate the ability to synthesize and apply the knowledge acquired in previous semesters

Spring ARCP-502 Graduate Thesis Studio Lab VIII [*prior to 2016 curriculum change*]  
'16, '15, '14 This course is the second part of an integrated two semester studio sequence in the Master of Architecture degree program. Basic competency in Revit and SketchUp is required. The course continues the path of preparation for the full-fledged employment as an emerging professional on the path to licensure. Special attention is given to sustainability, energy efficiency, and building systems. The student undertakes the comprehensive design of a substantive urban mixed use building project in this semester. The semester is devoted to the completion of a design statement envisioned in the pre-design document prepared in ARCP 507 Graduate Seminar during the fall semester preceding

#### **Professional Practice**

Spring ARCP-514 Professional Ethics and Practice [*following 2016 curriculum change*]  
'17 This course focuses, via the case study method, on the business and financial tools of professional practice including real estate development and other emerging entrepreneur opportunities. The student is expected to understand the ethics associated with the practice of Architecture of Architecture as a business and profession that is responsible for health safety and welfare of the public.



Course reviews AIA Contracts; project delivery methods; firm organization, operation, and management; project construction costs; project management; building, zoning and other applicable codes; legal aspects of practice; and professional licensure (Newly created graduate level course co-taught with Prof. Clarence Pearson).

### Research Methods

- Fall '19; '18; '17; '16; '15 ARCP-507 Graduate Thesis Seminar  
Graduate school level scholarly writing proficiency and research skills are required. Extensive critical reading and written reviews occur, along with a review of research methodologies. The student selects a master's thesis topic in consultation with the course instructor; develops the research protocol; documentation; predesign program and problem statement. The approved document is the basis for the thesis design project completed in ARCP 502 Thesis Studio.
- Fall '18 NUDT-650 Nutrition Research Methods  
This course is designed to examination of quantitative and qualitative techniques appropriate for research in the field of nutrition and dietetics. The course emphasizes on class discussions of each student's efforts in developing a master's thesis and integrating the appropriate techniques for developing their nutrition related research, The course will use a combination of didactic, interactive and applied techniques to strengthen the skills relevant for qualitative and quantitative research. Preparation of the proposal and completing the master's thesis or project are stressed. The students are strongly advised to take Applied Statistical Methods course in addition to this introductory course in research methods. Co-taught with ARCP-507. Serves as the pre-thesis course for students in the Master's program in Nutrition and Dietetics.

## 2.3 GRADUATE STUDENT COMMITTEES (M. ARCH.)

### Architecture Thesis Committee Chair

- 2020 Aydeniz, M., *Student Housing with Modular Construction in Washington, DC*. University of the District of Columbia.
- 2020 Francis, T., *Building Resilience from Hurricanes and Earthquakes: The Raindrop Community Center on the Island of Anguilla*. University of the District of Columbia.
- 2020 Moulin, B., *The ARC 2.0: Unifying the Community Through Innovative Design*. University of the District of Columbia. UDC.
- 2020 Sanchez, J., *Towards Recovery: An Addiction Rehabilitation Facility Connected to Nature*. University of the District of Columbia.
- 2020 Wabi, F., *Van Ness Main Street Revitalization and the University of the District of Columbia*. University of the District of Columbia.
- 2020 Wright, J., *Senior Living and Nursing Home Facility in Southeast DC*. University of the District of Columbia. UDC.
- 2020 Dorta, D., *Kenilworth Gardens: A Mixed-Use Residential Community*. University of the District of Columbia.
- 2019 Feligioni, M., *A New Tennis Facility for the City of Washington, DC*. University of the District of Columbia. Completed 12/2019.
- 2019 Mohamed, S., *Design of a Children's Museum in Khartoum, Sudan*. University of the District of Columbia. Completed 12/2019.
- 2019 Munoz, J., *Using Cross-Laminated Timber to Create the First Sustainable Student Residence Hall in DC*. University of the District of Columbia. Completed 12/2019.
- 2019 Pandey, A., *Public Library in Kathmandu, Nepal*. University of the District of Columbia. Completed 12/2019
- 2019 Pollock, K., *Van Ness Main Street Revitalization and the University of the District of Columbia*. University of the District of Columbia. Completed 12/2019
- 2019 Rogers, A., *Integrated Veterans Housing in Washington, DC*. University of the District of Columbia. Completed 12/2019
- 2019 Thomas, D., *Stafford Regional Airport*. University of the District of Columbia. Completed 12/2019
- 2019 Harris, E., *Dance and Architecture: Spatial Qualities from Dance Movement to Architectural Form – An Interdisciplinary Dance Studio and Performance Theater*. University of the District of Columbia.



- 2019 Pedramrad, L., *Textile and Carpet Museum in Sanandaj, Kurdistan, Iran*. University of the District of Columbia.
- 2019 Zamani, A., *College of Architecture and Environmental Design, George Town, Penang, Malaysia*, University of the District of Columbia.
- 2018 Caballero, V. *Mixed-Use Housing at Walter-Reed Army Medical Center*. University of the District of Columbia. UDC.
- 2018 Della, W., *Waste Treatment Facility and Training Center in Burkina Faso*. University of the District of Columbia. UDC.
- 2018 Han, S.J. *Exploration of Incorporating Hanok – the Traditional Residential Architecture Style of Korea – to Modern Architecture*. University of the District of Columbia. UDC.
- 2018 Zou, J. *Farming Pre-School and Kindergarten in Northwest DC*. University of the District of Columbia.
- 2017 Salinas-Furio, V. *Revitalizing a Neighborhood Through Sport Architecture*. University of the District of Columbia.
- 2017 Fagbemi, I., *A Master Architect's Search for a Solution to Mass Housing in the 20<sup>th</sup> Century: The Master Piece at 1133 N. Capitol Street, NE, A Mixed-Use Development*. University of the District of Columbia.
- 2016 Mousavizadeh, S., *Modular Food Hub: An Archetype*. University of the District of Columbia.
- 2016 Broome, B. S., *Mixed-Use Residential Building in Northwest DC*. University of the District of Columbia. University of the District of Columbia.
- 2016 Briscoe, W., *Breaking the Cycle of Juvenile Delinquency: Designing for Resilience of Status Offenders with Post Traumatic Stress Disorder*. University of the District of Columbia.
- 2015 McCall, A., *The Return of a Native Son: A Historical Analysis of Public Housing in America, Delineated by a Descendant of Former Public Housing Residents*. University of the District of Columbia.
- 2014 Ekocheva, E, A., *Mixed-Use Residential Building in Northwest DC*. University of the District of Columbia.

#### **Architecture Thesis Committee Member**

- Current Moore, A., *Safe Haven: Green Mixed-Use Multi-Family Affordable Housing Facility*. University of the District of Columbia.
- Current Halec, J., *Industrial Maker-Space and Mixed Use Facility in Northeast DC*. University of the District of Columbia.
- 2021 Ahmad, D, *An Oasis to Promote Mental Health and Wellness: Negative Effects of Rapid Urganization on Residents in a Community with a Strong Prevalence of Stigma Against Mental Health*. University of the District of Columbia.
- 2021 Rezapourboyaghchi, N., *A Mixed-Use Development in Southeast Washington, DC: A Catalyst for Improving Food Security (Healthy Wealthy)*. University of the District of Columbia.
- 2021 Williams, B., *Research & Technology Center: Integrating Class Shares to Promote Inclusive Information Sharing*. University of the District of Columbia.
- 2020 de Almeida, H., *Preparing the Next Generation of Leaders in Haiti: A New Earthquake Resistant Public School and Community Center*. University of the District of Columbia.
- 2019 Myers, A., *Revitalizing the Community with Low-Income Housing Development with Net-Zero Energy Performance Standards*. University of the District of Columbia.
- 2018 Andjaba, D., *Advanced Trauma Center and Teaching Hospital in Windhoek, Namibia*. University of the District of Columbia. Project incomplete.

#### **Nutrition and Dietetics Thesis Committee Member**



- 2019 Ardakani, A., *Impact of Acculturation on Health, Heritage and Metabolic Syndrome among Hispanic Adolescents*. University of the District of Columbia.

## 2.4 DESIGN STUDIO JURIES

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- 2019 (fa) 4<sup>th</sup> Year Studio Catholic Pre-Final Thesis Jury, Catholic University.  
2018 (fa) 4<sup>th</sup> Year Studio Catholic Final Thesis Jury, Catholic University.  
2018 (sp) Final Thesis Jury, Catholic University.  
2017 (fa) Cardinal O'Boyle Foreign Studies Competition Juror, Catholic University  
2016 (fa) Cardinal O'Boyle Foreign Studies Competition Juror, Catholic University  
2009 (sp) 5<sup>th</sup> Year Design Studio Final Projects, University of Arizona  
2007 (sp) 4<sup>th</sup> Year Design Studio Mid-Term Projects, University of Arizona  
2005 (fa) 5<sup>th</sup> Year Studio Final Semester Projects, University of Arizona  
2002 (sp) 2<sup>nd</sup> Year Design Studio Final Projects, University of Arizona

## 3.0 SCHOLARLY & CREATIVE ACTIVITIES

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### 3.1 GRANT & CONTRACT SUPPORTED RESEARCH

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- 2016-2019 The Potential for Reducing the Impacts of Solar Radiation on a Crop Producing Green Roof, and Modifying Roof Microclimates, through the Utilization of an Adjacent Crop Producing Green Façade, USDA, National Institute for Food and Agriculture (NIFA), Three-year seed grant, \$20,000/year (total \$60,000)
- 2010 Secured the donation by Tucson Electric Power Company of a 10kw photovoltaic system for YMCA renovation project, valued at \$59,000.
- 2007 American Institute of Architects. 2007 Tucson S/DAT. Grant value from AIA National \$15,000 with contributions by local municipalities of additional \$10,000 (grant co-author).
- 1999 Tucson Electric Power Company. Received two years' worth of utility date for use in my dissertation research valued at approximately \$2,000.
- 1999 Southwest Gas Corporation. Received two years' worth of utility date for use in my dissertation research valued at approximately \$1,500.
- 1994 *Graduate Research Assistant*. Assisted Professors Nader V. Chalfoun, Ph.D. and Richard R. Brittain at the University of Arizona, College of Architecture, Planning and Landscape Architecture, Tucson, Arizona. Developed modules for U. C. Berkeley Vital Signs project, designed to teach architecture students about different aspects of energy efficient architecture.
- 1985 *Undergraduate Student Research Assistant* Worked with Martin Yoklic at University of Arizona, Environmental Research Laboratory, Tucson, Arizona. Conducted product research and prepared presentation drawings for initial site study of the Biosphere II site in Oracle, Arizona.

### 3.2 PUBLICATIONS

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- 2016 **Kliman, S.S.** and Rand, M. 2016. Ethics in Architecture. *Emerge by AIAU*. Online Webinar with quiz. American Institute of Architects, DC.
- 2004 **Kliman, S.S.** and Comrie, A. 2004. Effects of Vegetation on Residential Energy Consumption. *Home Energy* 21(4): 38-42.



- 2001 **Kliman, S. S.** 2001. Effects of Vegetation, Structural and Human Factors on the Thermal Performance of Residences in a Semi-Arid Environment. Doctoral Dissertation. The University of Arizona, Tucson.
- 1994 **Kliman, S. S.** 1994. The Effects of Orientation and Regional Climatic Variations on the Thermal Performance of a House. Master's Thesis. University of Arizona, Tucson.
- 1986 **Schaefer, S. M.** 1986. A Center for Creative Photography at the University of Arizona, Bachelor's Thesis. Cornell University, Ithaca.

### 3.3 INVITED TALKS

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- 2020 "Getting to Know Me and My Role as Chair of the NDSU Department of Architecture". AIA North Dakota Conference. October 2020.
- 2020 "A Path to High Performance Architecture: My Professional & Personal Journey to NDSU". Chapter Meeting, NDSU Chapter of USGBC. September 2020.
- 2019 "Professional Practice Education in the Curriculum". ACSA Administrator's Conference. New Orleans, Louisiana. November 2019.
- 2019 "AIAxAIAS and NCARB Licensing Advisors". AIAS Grassroots Leadership Conference. Washington, DC. July 2019.
- 2019 "Understanding the Sun's Impact on Building Energy". Presentation and hands on exercise. UDC Upward Bound TRio; Summer Enrichment Program. Washington, DC. July 2019.
- 2019 "Reducing Impacts of Solar Radiation on a Crop Producing Green Roof". UDC CAUSES Research Day. Washington, DC. April 2019.
- 2019 "Ethics and Standards of Practice". Virginia AIA Emerging Leaders in Architecture. Herndon, Virginia. March 2019.
- 2018 "Initial Accreditation: Navigating the Process of the Team Room for a Successful Visit". ACSA Administrator's Conference. Quebec City, Quebec, Canada. October 2018.
- 2018 "Designing for a CAUSE: Learning, Designing, Engaging the Community for Sustainable Urban Environments". Workshop for delegation from China for Forte International Exchange Association. Falls Church, VA. September 2018.
- 2018 "Case Studies of Architectural Research for a More Sustainable Urban Environment: A Prototype Urban Food Hub, and Reducing Impacts of Solar Radiation on a Crop Producing Green Roof". Workshop for delegation from China for Forte International Exchange Association. Falls Church, VA. September 2018.
- 2018 "High Performance Architecture: Balancing Building Codes, Green Rating Systems, Client Wishes & Cost". Workshop for delegation from China for Forte International Exchange Association. Falls Church, VA. September 2018.
- 2018 "Alternative Building Materials, Innovations in Design". Workshop for delegation from China for Forte International Exchange Association. Falls Church, VA. September 2018.
- 2018 "Higher Education in the 21<sup>st</sup> Century", Salon Discussion at Studio Architects with Susan Piedmont-Palladino, Lauren Della Bella. Washington, DC. August 2018
- 2018 "Klimatic Architecture: Environmentally Responsible Design for a More Secure Tomorrow". AIAS Grassroots Conference. Washington, DC. July 2018.
- 2017 "Designing for a CAUSE: Learning, Designing, Engaging the Community". ACSA Administrator's Conference. Albuquerque, NM. November 2017.
- 2017 "Reducing Impacts of Solar Radiation on a Crop Producing Green Roof", Joint Meeting of AIA/DC and DC Chapter of USGBC. Washington, DC. May 2017.





- 2017 “Building Energy Use”. 8<sup>th</sup> Grade Physics Class Presentation and Instruction at Potomac School, six classes over two days. McLean, Virginia. February 2017. Joint Instruction with Anne Sprunt Crawley.
- 2016 “Architecture for a CAUSE” Washington, DC. August 2016.
- 2016 “Building Energy Use”. 8<sup>th</sup> Grade Physics Class Presentation and Instruction at Potomac School, six classes over two days. McLean, Virginia. February 2016. Joint Instruction with Anne Sprunt Crawley.
- 2015 “Building Energy Consumption and Sustainable Design”. 8<sup>th</sup> Grade Physics Class Presentation and Instruction at Potomac School, six classes over two days. McLean, Virginia. February 2015. Joint Instruction with Anne Sprunt Crawley.
- 2010 “Building on Current and Previous Work--Programs and Initiatives Relevant for Arid Cities in Changing Climates Project”. Arid Cities in Changing Climates: Urban Land and Water Use in the Desert Southwest Workshop, Tucson, Arizona. December 2010. Panel Participant.
- 2009 “Code Officials, Registrants and the Arizona Board of Technical Registration: Regulations, Interactions, Etc.”. ICC/Southern Arizona Chapter, monthly chapter meeting. Marana, Arizona, September 2009.
- 2009 “The Path to Licensure: ARE and IDP”, University of Arizona Professional Practice Class, Tucson, Arizona. March 2009.

### 3.4 CONFERENCES & LECTURES

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- 2018 “Professional Work: Past and Present”. UDC Architecture Spring 2018 Lecture Series. Washington, DC. March 2018.
- 2017 “Opening Doors: Empowering Yourself and Others”. 2017 NCARB Licensing Advisors Summit. Chicago, Illinois. July 2017.
- 2010 “IDP 2.0 - Still Rolling”, 2010 NCARB Annual Meeting Workshop, San Francisco, California. June 2010. Joint Presentation with Nick Serfass, AIA of NCARB.
- 2009 “Double Your ‘Green’ with Sustainable Residential Design”. AIA/Southern Arizona Chapter, Public Lecture Series. Tucson, Arizona. October 2009.
- 2009 “Licensure & Your Career: IDP, ARE & Certification”, AIA/Arizona Associates Conference, Phoenix, Arizona. August 2009. Joint Presentation with Nick Serfass, AIA of NCARB.
- 2008 “Saving Dollars with ‘Green’ Remodeling”. AIA/Southern Arizona Chapter, Public Lecture Series. Tucson, Arizona, October 2008.
- 2007 “Preliminary Results on AIA S/DAT for Tucson”, 2007 Community Sustainability Forum: Building Partnerships and Tools to Advance Local Sustainability. Tucson, Arizona. October 2007.
- 2006 “Caution: Remodeling Ahead”. AIA/Southern Arizona Chapter, Public Lecture Series. Tucson, Arizona, October 2006. Joint Presentation with Philip Rosenberg of PGR Construction.
- 2004 “Living Green in the Desert”. AIA/Southern Arizona Chapter, Public Lecture Series. Tucson, Arizona, October 2004.
- 2001 “The Effects of Vegetation, Structural and Human Factors on the Thermal Performance of Residences in a Semi-Arid Environment.” Hot Topics Cool Solutions 2001, The Sustaining Desert: Building Livable Futures. Tucson, Arizona, September 2001.

### 3.5 MEDIA COVERAGE

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- 2019 O'Donnell K. M., (AIA). “Looking Inward and Outward, Architects Make Strides Toward More Significant Inclusion in the Field”. Published December 6, 2019.  
[https://www.aia.org/articles/6242962-looking-inward-and-outward-architects-make?utm\\_source=RealMagnet&utm\\_medium=email&utm\\_term=30071015--1380037b-8c90-4279-](https://www.aia.org/articles/6242962-looking-inward-and-outward-architects-make?utm_source=RealMagnet&utm_medium=email&utm_term=30071015--1380037b-8c90-4279-)



- [a66a-3fd4d20453fc&utm\\_content=AIA%20Architect--AIA%20Architect%20Email%20-%2012/11/19&utm\\_campaign=And%20the%20award%20goes%20to...](https://www.youtube.com/watch?v=2VQEh69wTsk)
- 2018 UDC CAUSES TV. "Urban Sustainability Degree and Non-Degree Programs". Episode published January 2018 with Dr. Sabine O'Hara, Dr. Kamran Zendehtel and Student Ian Kingsley.  
<https://www.youtube.com/watch?v=2VQEh69wTsk>
- 2017 UDC CAUSES TV. "The Challenges of Urban Sustainability". Episode published July 2017 with Dr. Sabine O'Hara and Dr. Elgloria Harrison  
<https://www.youtube.com/watch?v=DdKk4Y2vD-A&t=323s>
- 2015 Massie, C. 2015. "AIA's Center for Emerging Professionals Hosts "Know Your Worth" Campaign: New AIA Resources Highlight the Importance of Receiving Pay for Internship Work". *Architect Online*: August 3.  
[http://www.architectmagazine.com/practice/aias-center-for-emerging-professionals-hosts-know-your-worth-campaign\\_o](http://www.architectmagazine.com/practice/aias-center-for-emerging-professionals-hosts-know-your-worth-campaign_o)
- 2015 "Know Your Worth: Are you compensated fairly? Everyone wins with smart standards." AIA website. Link to video.  
<https://www.aia.org/pages/2826-know-your-worth>
- 2015 Know Your Worth Campaign – Video for Interns  
<https://www.youtube.com/watch?v=9BJEwHrpGzk>
- 2015 Know Your Worth Campaign – Video for Firm Leaders  
<https://www.youtube.com/watch?v=GlgXw-BknYk>
- 2008 Novak, C.A. 2008. "Sustainable Plumbing: Valuing Design, Innovation, Quality and Ecology". *Architectural Record*. Continuing Education Course, included in printed issue and available online. Course included photos and information about a Klimatic Architecture project that was in the design phase during the writing of the article.
- 2007 Crisostomo, J.L. 2008. "Klimatic Designs Right, Conserves Energy". *The Cat Scan: An Online Eco Report*.
- 2006 "Architects on Architecture: Local Pros Share Their Thoughts on Sustainable Architecture" *Tucson Home Magazine*. Winter 2006-2007: 89-97.
- 2001 Schliesman, K. 2001. "Custom Homes: Trends Change Designs". *Inside Tucson Business*. Subject matter expert, quoted for article in residential real estate section of local weekly business publication.

### 3.6 CREATIVE WORKS

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#### **As Firm Principal / Owner, Klimatic Architecture, LLC**

- 2018 **Ramshorn Master Bathroom Renovation.** McLean, VA. 200 s.f. Complete renovation of master bathroom, including new re-configuration of layout, new fixtures and finishes. Design/Build project by Architect.
- 2017 **Open-End Contract for Architectural Services.** University of Arizona. Contract 2013-2017.
- 2012 **Downtown Campus CO & RV Building Improvements.** Pima Community College. 13,000 s.f. renovation to campus operations facilities and reconfiguration of existing administrative/operations spaces to create new classrooms.
- 2012 **New Life Community Church Expansion.** Tucson, Arizona. New Main Entry, with porch and ADA compliant restrooms.
- 2012 **Tri-Pointe Plaza Office Complex.** Tucson, Arizona. Provide on-call architectural services for property manager of 140,000 s.f. office complex. Completed over two dozen projects for client ranging from 800 s.f. to 10,000 s.f. Prepare marketing plans, space planning, construction documents for tenant improvements and design drawings for property upgrades. Contract ran from 2008-2012.



- 2011 **San Xavier Experimental Mine Classroom Building/Training Center.** University of Arizona. 4,200 s.f. classroom building and training facility for the College of Engineering and Mines, located 20 miles south of campus at University Experimental Mining Facility.
- 2011 **Ott Family YMCA Gymnasium Addition and Facility Renovation.** Tucson, Arizona. 7,200 s.f. gymnasium addition and extensive renovation of 22,000 s.f. facility.
- 2010 **Student Union Memorial Center, Starbuck's and Nike Pavilion.** University of Arizona. Student Union Memorial Center. 1,300 s.f. Starbucks Café within the existing bookstore, and 600 s.f. addition to the south side of the bookstore.
- 2010 **Casa Ventoso Master Bathroom Renovation.** Tucson, Arizona 60 s.f. Complete renovation of master bathroom, including new fixtures and finishes. Design/Build project by Architect, including a majority of labor.
- 2009 **Schaefer Wood Craft Workshop.** Tucson, Arizona. 800 s.f. free standing workshop addition.
- 2008 **Ott Family YMCA Gymnasium Feasibility Study.** Site and facility analysis to determine feasibility of a new freestanding, pre-engineered metal building to accommodate 7,200 s.f. gymnasium.
- 2008 **Cox Residence Expansion and Remodel.** Tucson, Arizona. Schematic Design/Feasibility Study for master suite and garage addition, and complete remodel of existing 900 s.f. home. Unbuilt.
- 2007 **Vento Residence.** Silver City, New Mexico. 4,000 s.f. passive solar single family residence. Design work 2004-2007. Unbuilt.
- As Firm Principal / Managing Partner, bright/kliman architects, plc**
- 2007 **Abiding in Christ Church.** Tucson, Arizona. New Sanctuary Entry, Facility Renovations, and site development plan – responsible for project through design development phase.
- 2007 **Pima Medical Institute.** Tucson, Arizona. Interior finishes for new corporate headquarters, as a component of complete building renovation.
- 2007 **University of Arizona Environmental Research Laboratory Water Laboratory Expansion.** Tucson, Arizona. Construction Documents for renovation/expansion of existing research facilities to accommodate water lab relocation.
- 2007 **Multiple Commercial Tenant Improvements.** Completed between 2005-2007.
- As Firm Principal/Owner, Klimatic Architectural Design, LLC**
- 2007 **Park Residence.** Tucson, Arizona. New 3,500 s.f. passive solar single family residence.
- 2005 **Jakle Residence.** Rio Rico, Arizona. New 2,500 s.f. passive/active solar single family residence.
- 2005 **Unitarian-Universalist Church of Tucson Landscape and Site Design.** New playground, landscaping and shaded gathering areas.
- 2005 **Unitarian-Universalist Church of Tucson Facility Master Plan Phases I, II, III.** Complete audit of existing facilities and development of a phased master plan of existing campus.
- 2005 **Congressional Office Relocation Feasibility Study,** Tucson, Arizona. Facility analysis and code review to determine feasibility of relocating local offices for Congresswoman Gabriel Giffords.
- 2000 **Schaefer Residence,** Tucson, Arizona. 5400 s.f. passive/active solar single family residence w/ high mass exterior wall system, radiant heat, and other energy saving features. 1994-2000.
- 1999 **Casa Ventoso Family Room Expansion and Renovation,** Tucson, Arizona. 400 s.f. enclosure of porch with high efficiency windows, and connection to existing family room.
- 1999 **Doyle Residence,** Tucson, Arizona. 2900 s.f. passive solar single family residence w/ICF exterior walls, water harvesting and other energy saving features.
- 1998 **Reeves Residence Expansion.** 600 s.f. Garage, workshop and office addition.



- 1998 **Freidberg Residence Expansion and Renovation**, Tucson, Arizona. Schematic Design/feasibility study for extensive remodel to existing residence, including addition of approximately 500 s.f.
- 1997 **Yool Residence**, Tucson, Arizona. Complete remodel and addition to 1200 s.f. university-area bungalow to a 1600+ s.f. Santa Fe style home. Upgrades included several energy-saving strategies.
- 1996 **Peck Residence Expansion**. Schematic design/feasibility study for 1000 s.f. guest house/studio addition. Unbuilt.

**As Job Captain / Project Manager, Pedersen Associated Architects, Inc.**

- 1993 **Facilities Masterplan**. Sahuarita School District. Sahuarita, Arizona.
- 1993 **Oracle Middle School Gymnasium and Classroom Building**. Oracle School District.
- 1993 **Whiteriver Middle School, phases I, II, and III**. Whiteriver Unified School District. Whiteriver, Arizona. Completed 1992-1993.

## 4.0 SERVICE

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### 4.1 ADMINISTRATION

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- 2015 - present **Chair**  
Department of Architecture and Urban Sustainability  
University of the District of Columbia  
Programs include: PhD in Urban Leadership & Entrepreneurship; M. Arch.; Professional Science Masters (PSM) in Urban Sustainability, Urban Agriculture, Water Resources Management; B.S. Arch.; B.A. Urban Sustainability; Responsible for curriculum development and oversight; department budget; hiring of adjunct faculty; coordinating faculty workloads; annual faculty evaluation for tenure track faculty and ongoing evaluation of adjunct and land-grant faculty.
- 2017 - present **Inaugural Co-Director (acting role from 2017-2018)**  
Center for Architectural Innovation and Building Science  
University of the District of Columbia

### 4.2 DEPARTMENTAL / COLLEGE SERVICE

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- 2018 - 2019 Program Director, PhD Program in Urban Leadership and Entrepreneurship
- 2017 – present Program Director, B.A. Program in Urban Sustainability
- 2015 - present Program Director, M. Arch and B.S. Arch. Programs
- 2018-2019 Search Committee, Project Specialist for Assessment
- 2018-2019 Search Committee, Project Specialist for Urban Agriculture/Aquaponics
- 2018 Search Committee, Professor and Chair, Department of Health, Nursing and Nutrition
- 2018 Search Committee, Assistant Assessment Coordinator
- 2017 – 2018 Program Development Committee, PhD Program in Urban Leadership and Entrepreneurship
- 2017 - present Program Director, Bachelor of Arts in Urban Sustainability
- 2017 Faculty Search Committee, Visiting Faculty for Nutrition, Department of Health, Nursing and Nutrition
- 2017 Search Committee, Visiting Professor and Chair, Department of Health, Nursing and Nutrition
- 2017 Search Committee, CAUSES Center for Urban Agriculture Project Specialist
- 2015 – 2016 CAUSES Marshal

### 4.3 UNIVERSITY SERVICE

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- 2020 - present University Masterplan Advisory Council
- 2017 - present University Budget Committee, member



2015 - present	Graduate Council, member
2018 - present	University-Wide Student Success & Retention Committee, member representing CAUSES
2017 - 2019	University Information Technology Governance Committee, member
2017 - 2019	Vision 2022 Support Workforce Committee
2016 - 2017	University Grand Marshal
2016 - 2017	Department Chairs Evaluation and Promotion Committee
2016 - 2017	Expectations for Faculty – Evaluation Committee
2016 - 2017	General Education Task Force

#### 4.4 PROFESSIONAL SERVICE

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##### **Awards Juries**

2008	Arizona Builder's Alliance Portfolio Scholarship Juror, Tucson, Arizona
2007	Arizona Builder's Alliance Portfolio Scholarship Juror, Tucson, Arizona
2011	AIA Southern Arizona, Homes of the Year Design Awards Juror, Tucson, Arizona
2006	AIA Southern Arizona Outstanding Architecture Student Award Juror, Tucson, Arizona

##### **Service to the Profession**

2007- present	<b>National Council of Architectural Registration Boards (NCARB)</b> Certificate Alternative Review Team (FY21, FY22) Responsible Charge Task Force (FY21, FY22) Education Committee (FY20, FY19) Continuing Education Sub-Committee (FY20-chair, FY19-chair, FY18) Broadly Experienced Architect Committee (FY17, FY15, FY14) US/AU/NZ MRA Task Force (FY16, FY15) ARE Project Management Task Force (FY16) NCARB Liaison to the AIA National Associates Committee (FY14, FY13) WCARB Executive Committee (2010-2012) WCARB Executive Committee Vice Chair (FY12) Internship Committee Chair (FY13, FY12) IDP Advisory Committee (FY13, FY12) Procedures and Documents Committee (FY13, FY12) Practice Analysis Task Force (FY12) IDP Committee Member (FY11) IDP Program Development Task Force (FY10) Integrated Project Delivery Task Force (FY09) Member Board Member (2007-2012)
2009 - present	<b>National Architectural Accrediting Board (NAAB)</b> Information Interface Working Group (2019, 2018) Program and Team Chair Think Tank (2017, 2016) NAAB Visiting Team Member - team member representing NCARB (2009-2022) Southern Illinois University (2020, Team Chair) Kean University (2019, Team Chair) Prairie View A & M (2018, Team Chair) Florida A & M (2017, Mock Visit team member)



- University of California Los Angeles (2016, Team Chair)  
University of Illinois, Chicago (2014, Team Chair)  
University of Kentucky (2013, team member)  
Carnegie-Mellon University (2012, team member)  
New York Institute of Technology (2011)
- 2015 - 2020 **Consortium of HBCU Administrators** – Member
- 2007-2012 **Arizona Board of Technical Registration**  
Chair, 2008-2009  
Secretary, 2007-2008, 2009-2011  
Legislative and Rules Committee, 2007-2012
- 1996-2007 **American Institutes of Architects**  
AIA/Southern Arizona 2007 S/DAT – Grant Co-Author and Steering Committee Chair  
Board Member, Arizona State Chapter 2006-2007  
President, Southern Arizona Chapter, 2006  
President-elect, Southern Arizona Chapter, 2005  
Secretary, Southern Arizona Chapter, 2003-2004  
Tucson Gateway Masterplan Charrette, Planning Committee/Team Leader 1996-1997  
Served on boards of several allied organizations as the representative from AIA/SAC
- 2008-2009 **City of Tucson Solar Stakeholder Committee**  
Recruited by Deputy Director, Development Services to help write new residential solar readiness ordinance and development standards for hydronic and photovoltaic systems for Tucson.
- 2005-2011 **Arizona Builder's Alliance**  
Scholarship Committee Co-Chair, 2006  
Scholarship Committee Member, 2007, 2008  
Volunteer Day Committee Member, 2005, 2006

#### 4.5 COMMUNITY SERVICE

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- 2008 - present **Cornerstone Building Foundation Charities** - Treasurer (2008-present)
- 2011 - 2017 **Potomac School Parents for Environmental Action Committee** – Co-Chair (2015-2016)
- 1998-2000 **Tucson Institute for Sustainable Communities** - Board Member (1998-2000); Hot Topics/Cool Solutions II Conference Committee (1999).
- 1991-2011 **Alpha Phi Sorority, Tucson Alumnae Chapter** – Member-at-large (2001-1011); By-laws Committee Chair (2000-2001); Secretary (1995-1999); Vice President (1991-1995)
- 1992- **Silver and Turquoise Ball Board of Hostesses** - Honorary Hostess (2004-present); Advisor (2003); Ball Chair (2002); General Arrangements Chair (2001); Decorations Chair (2000), Reservations and Seating (1996, 1997); Silver Chair (1995); Recording Secretary (1994); member-at-large (1992-2000).
- 1988-1993 **Girl Scouts USA** - Sahuaro Council (Tucson, AZ), Board Member (1992-1993); Frontier Council (Las Vegas, NV), Board 2<sup>nd</sup> Vice President (1989-1991); National Council Delegate (1990-1991); Board Member (1989-1991); Brownie Troop Leader (1988-1989).

#### **Professional Memberships & Affiliations**

- 1988-present **American Institute of Architects** - Full Member (1993-present); Associate Member (1988-1993)
- 2014-present **Association of Collegiate Schools of Architecture (ACSA)** – member
- 2018-present **Washington Building Congress** – member representing UDC
- 2005-2011 **Arizona Builder's Alliance** - affiliate member
- 2006-2011 **Tucson's Leading Women in Business, Government, Science & the Arts**
- 2007-2011 **Certified Commercial Investment Managers (CCIM)** - affiliate member



- 2000-2002      **Civitas Sonoran, The Environmental Design Council**
- 1996-2000     **Women for Sustainable Technologies**
- 1993-1997     **Arizona-Nevada Academy of Science**

## **5.0 HONORS & AWARDS**

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### **5.1 PERSONAL AWARDS**

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- 2019            Certificate of Appreciation; UDC Upward Bound TRio; Summer Enrichment Program
- 2018            Phelps ACE Hight School (DCPS), Partner Recognition Award
- 2016            UDC College of Agriculture Urban Sustainability and Environmental Sciences (CAUSES) Outstanding Professor Award
- 2016            DC Chapter of NOMA - Barbara G. Laurie Professor of Architecture of the Year
- 2010            Metropolitan Pima Alliance Common Ground Award Finalist – Renovations to Ott Family YMCA
- 2010            American Institute of Architects Citizen Architect Award
- 2008            Metropolitan Pima Alliance Common Ground Award Finalist – Tucson S/DAT
- 2007            Metropolitan Pima Alliance Common Ground Award Winner – Tucson Regional Town Hall
- 1994            University of Arizona, Collegiate Institute for Leadership
- 1992, 1993     Nomination of building design for the Arizona Masonry Guild Awards

### **5.2 AWARDS ATTAINED BY STUDENTS**

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- 2018            Finalists, 2018 Race to Zero Student Design Competition – U.S. DOE, Washington, DC. Faculty Advisor.