
KPC Hudson, D.Arch., Ph.D

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ACADEMIC WORK EXPERIENCE

Vermont Technical College Randolph Center, Vermont 08/2020 – present
Adjunct Faculty

Architectural Engineering Technology – Construction Drawing & Detailing (4 semesters, 2 hybrid remote)
Landscape Design & Sustainable Horticulture - Digital Graphics (1 semester)

- content development and delivery
- evaluation of assignments and exams
- lecture hall digital presentation
- diverse educational background undergraduates

Bond University Robina, Queensland 08/2018 – 08/2020
Semester Teaching Fellow

Master of Construction Practice – Building Services (6 semesters, 1 remote)
Master of Building Information Modelling and Integrated Project Delivery (2 semesters, 1 remote)

- content development and delivery
- evaluation of assignments and exams
- lecture hall digital presentation
- multicultural graduate students

Vermont Technical College Randolph Center, Vermont 08/2015 – 05/2017
Adjunct Faculty

Architectural Engineering Technology - Design I & II Studio (4 semesters)
Landscape Design & Sustainable Horticulture - Digital Graphics (1 semester)

- content development and delivery
- evaluation of studio projects
- studio/lecture – mixed-format presentation
- diverse educational background undergraduates

University of Hawaii at Manoa Honolulu, Hawaii 08/2011 – 05/2013
Replacement Lecturer & Teaching Assistant

Graduate and Undergraduate History of Architecture I & II

- content delivery
- evaluation of assignments and exams
- lecture hall digital presentation
- exam review sessions

ARCHITECTURAL WORK EXPERIENCE

KPCH Designs Jericho, Vermont 07/2012 – present
Architectural designer

Drafting, Holistic Dwelling, 3D modelling

- owner, operator
- architectural and graphic design consulting
- home design and renovations
- sustainable design

Cushman Design Group Stowe, Vermont 09/2020 – present
Designer/Drafter

Residential Design

- design and drafting
- 2D & 3D drawings/modelling
- client interactions
- project management

Northern Architects, INC. Burlington, Vermont 01/2014 – 04/2017
Architectural designer

Commercial, Higher Education, State Park Facility Design

- design and drafting
- product selection
- project management
- aiding in firm management

ARCHITECTURAL WORK EXPERIENCE (cont.)

Pill Maharam Architects Shelburne, Vermont	08/2012 – 02/2013
Architectural intern	
Commercial and Residential Sustainable Design	
▪ drafting	▪ 3D modelling
Studio B Burlington, Vermont	06/2011-01/2012
Architectural intern	
Residential Sustainable Design	
▪ drafting	▪ 3D modelling
Buxton Drafting Service South Burlington, Vermont	06/2007 – 08/2010
Draftsperson	
Architectural, Electrical, Mechanical, Civil, and Structural projects	
▪ drafting	▪ 3D modelling

EDUCATION

Bond University Robina, Queensland	05/2017 – 10/2021
Faculty of Society and Design - PhD Architecture	
Research – <i>Architecture of Survival: the habitation of Antarctica through a biophilic lens</i>	
University of Hawaii at Manoa Honolulu, Hawaii	08/2010 – 05/2013
School of Architecture - Doctor of Architecture (DArch)	
Research – <i>Holistic Dwelling: the integration of biophilic design, environmental psych., and feng shui</i>	
Northern Vermont University Johnson, Vermont	07/2022 – present
Masters of Fine Arts – Studio Arts (MFA)	
Focus – <i>Nature Pattern</i>	
Frank Lloyd Wright School of Architecture Scottsdale, Arizona/Spring Green, Wisconsin	10/2007 – 09/2009
Taliesin - Bachelor of Architectural Study (BAS)	
Research – <i>Sugarhouses: a Vermont vernacular</i>	
Vermont Technical College Randolph Center, Vermont	08/2005 – 05/2007
Architectural Building Engineering Technology - Associate in Applied Sciences	

PROFESSIONAL DEVELOPMENT

Bond University	
Epistemology and the Theory of Knowledge	Summer 2017
Research Methods in Humanities and Social Science	Summer 2017
Relational Communication	Fall 2017
University of Missouri	
Historic Preservation	Summer 2015
Oregon State University	
Sustainable Natural Resources	Fall 2014
University of Vermont	
Latin	Summer 2014
Psychology of Art	Summer 2011

VOLUNTEER WORK

Girl Scouts of the USA

Adult Volunteer - 2005 – present
 GSGWM Board of Directors (2014-2021)
 GSGWM Finance Committee (2020-2022)
 Gold Award Committee (2021-present)
 President Volunteer Service Awards
 Girl Scout - 1992-1998, 1999-2005
 Gold Award Girl Scout (2004)
 Silver Award Girl Scout (2001)

GUEST LECTURER

Frank Lloyd Wright – Nature Patterns Oct 2021
 Introduction to Math in Nature Badge – Girl Scouts of the Green and White Mountains *remote due to Covid19
architectural survival in an extreme environment Oct 2020
 Yestermorrow Lecture Series – Yestermorrow Design Build School *remote due to COVID19
Biophilic Design in Antarctica *connecting to nature through architecture* Aug 2020
 Graduate Architecture Studio – University of Tasmania *remote due to COVID19
Biophilic Dwelling *the integration of nature with home design* June 2015
 Yestermorrow Summer Lecture Series - Yestermorrow Design Build School

PUBLICATIONS

Functional Futurism: *how architectural competitions changed the face of shelter in Antarctica* – Polar Journal – Special Issue 2023
Antarctica: the final frontier? *An exploration of the factors that lead to space age architecture in Antarctica* - Scientific Committee on Antarctic Research – India Aug. 2022
 *remote due to COVID
Buddy Antarctic Biomimicry *possibilities for interdisciplinary research and practical application, beginning with architecture* - SC-HASS – Kobe, Japan Nov. 2021
 *remote due to COVID
Antarctic research at a time of crisis *the impact of Covid-19 on the Antarctic research Community* Sept. 2021
 New Zealand Antarctic Science Conference – Christchurch, New Zealand *coauthor
Architecture of Survival *the habitation of Antarctica through a biophilic lens* July 2021
 PhD Thesis – Bond University
Dwelling in Darkness *the evolution of architectural interventions in the Antarctic night* Dec 2020
 Darkness Conference – Island Dynamics - Nuuk, Greenland *cancelled due to COVID19
Biophilic Design in Antarctica *connecting to nature through architecture* Aug 2020
 POLAR 2020 – Scientific Committee on Antarctic Research – Hobart, Tasmania *remote due to COVID19
Emergence of Antarctic Biomimicry *potential for an interdisciplinary approach to building design* Aug 2020
 POLAR 2020 – Scientific Committee on Antarctic Research – Hobart, Tasmania *cancelled due to COVID19
History of Architecture in Antarctica through a biophilic lens Jan 2020
 Southern Exposure: Antarctic Research at the University of Canterbury – Christchurch, New Zealand
Vernacular of Exploration *development of an architectural presence in Antarctica* April 2019
 Antarctic Connections at the End of the World – SC-HASS – Ushuaia, Argentina

PUBLICATIONS (cont.)

- Illuminating Antarctic Architectural Interventions** Jan 2019
adaptation of Halley VI Station to mitigate natural daylighting challenges
Darkness Conference - Island Dynamics - Svalbard, Norway
- Biophilic Design in Antarctica** Winter 2018
Antarctic Times – UK Antarctic Heritage Trust – Cambridge, United Kingdom
- Ecological Architecture of Antarctica** *the usage of natural building materials* June 2018
POLAR 2018 – Scientific Committee on Antarctic Research/International Arctic Science Committee Open Science
Conference - Davos, Switzerland
- The Hermit's Hut** *architecture and Asceticism in India* – K. Ashraf Oct 2013
Drawings & Graphics – University of Hawaii Press
- Holistic Dwelling** *integrating biophilic design, environmental psychology, and feng shui* Spring 2013
D.Arch Thesis – University of Hawaii Press
- Cemeteries of Chittenden East** Fall 2004
Booklet for Girl Scout Gold Award Service Project - First Step Printing