

Peter Floyd Smith

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Education

ARE5 Review

Grand Rapids Community College
Reference: David Dye, Architect

2016-2018

Master of Science in Architecture

University of Illinois, Champaign Urbana

September 2013-May 2015

Graduate coursework in Health Care Administration **2011-2013** Grand Valley State
University, Grand Rapids, Michigan

Seminary Coursework **1994-2011** The Anglican Parish of St. Mark, Catholic
Seminary, Portland, Oregon

Presentation Techniques, Getting Published coursework

Harvard University Graduate School of Design, Continuing Education Cambridge,
Massachusetts

2005

Bachelor of Architecture

University of Minnesota, Minneapolis Minnesota

Undergraduate Degree 1990

Research Interests

Student Member – attended conference **Spring 2014** Academy of Neuroscience for
Architects (ANFA), La Jolla, California

Research Experiences

Required training for Research Investigators **January 2015** Institutional Review
Board (IRB), University of Illinois, Champaign Urbana

Graduate Research Student - Relevant Coursework

Graduate Architecture program, University of Illinois, Champaign Urbana

* ARCH590 – Built Environment and Human Health **Spring 2015**

Research and Proposal Writing, Built Environments

- * HDES598 – Human – Environment Research **Spring 2015**
Measurement methods for Restorative Environments

- * ARCH579 – Independent Study **Spring 2015**
EDRAShort 46 Pilot Study #2 research finish:
Electroencephalograph (EEG) Measurement in Restorative Environments

- * ARCH424 – Gender & Race in Contemporary Architecture **Fall 2014**
Healthcare Facilities research, Religious Facilities research,
Baby Changing Stations, Green Street, Champaign Illinois research

- * ARCH579 – Special Problems in Architecture **Fall 2014**
EDRA46 Pilot Study #1 research finish:
Architectural Settings: Their Effects on our Perceptions,
Spearheading New Cognitive and Neural Restoration

- * ARCH563 – Social/Behavioral Research Designed Environment **Spring 2014**
Healing Gardens research, Religious Facilities research

Graduate School Internship

Enviah Environments for Health

Fall 2012 – 2013

Grand Rapids, Michigan

Research assistant:

Précis papers written, started with one a week, advanced to 4 a week while taking classes in graduate school. Learned first hand about evidence-based healthcare design.

Tasks:

Conducted primary and secondary source research at numerous archives, examining publication history through multiple sources. Identified metrics, synthesized given information, researched current info to summarize data, placed into computer for later retrieval, answering client's questions. worked independently to improve the academic summary process.

Papers summarized: (highlights)

- * **What Makes a Garden a Healing Garden:** (Stigsdotter, Grahm, 2001)

- * **Health Benefits of Gardens in Hospitals:** (Ulrich, 2001)

- * **Evaluating a Children's Hospital Garden Environment: Utilization and Consumer Satisfaction:**

Whitehouse, Vardi, Seid, Cooper-Marcus, Eneberg, Jacobs, Mehlenbeck, 2001)

*** The Role of the Physical Environment in the Hospital of The 21st Century: A Once in a Lifetime Opportunity**

Ulrich, Quan, Zimring, Joseph, Ruchi, Choudhary, 2004)

Research Conferences

Full research paper accepted, present at conference and be published **May 2015**
Environmental Design Research Association (EDRA46)

Short research paper accepted, to present at conference **May 2015**
 Environmental Design Research Association (EDRAShort)

Los Angeles, California

IRB examination Completed **Jan. 16, 2014**

* (ID223280) William Sullivan RPI

* University of Illinois, Champaign Urbana

Full paper research accepted, present and be published, May 2015, May - **2015**
 Environmental Design Research Association (EDRA46) **Los Angeles, California**

Educational Travel – In My Work Experience **2008**

Travel to suit client's needs:

Beijing, Suzhou China to study Feng Shui, and healing gardens

* Traveled to China, research Feng Shui to meet client needs, to inform designs, meet/exceed client's expectations.

• Main tasks: familiarize with Feng Shui bagwa's, healing gardens for client's new residence. Bend, Oregon, Bay area, San Francisco, California

Professional Experience

Grand Rapids Community College

Review for ARE5: **2016-2018**

*AutoCad 2019

* Revit 3d 2019

* Revit 2019 Working Drawings 1

* Revit 2019 Working Drawings 2

* Print Reading and Specifications

* Building Codes and Planning

* Mathematics review

Graduate School **2013-2015**

University of Illinois, Champaign Urban

Architecture – F Peter Smith, Assoc. AIA **2013**

Octagon Home, Beaver Island, Michigan

• Design, Working Drawings

Non-profit company created, architectural preliminary designs,

For **Montessori school**, LEED platinum design

Grand Rapids, Michigan

2012-2013

Great Lakes Academy, a non profit venture, filed 501c3, 12/2014

- * Preliminary design drawings for Montessori School
- * Honorary Board of Directors member
- * Readyng preliminary drawings, site visits, code familiarization, zoning change (PUD), grant application work, fund raising

Write Grants, design retirement home **2011 addition** Homewood's On The Willamette
Portland, Oregon)

- * purchase of Mitsubishi Leaf Electric car for residents from grant
- * Architectural addition to provide sheltered environment for car in which to wait, with a 'ride board' to sign into from the front desk.
- * Coordinate design and construction with Homewood's director

Design 16,000 sq. ft. stone home with steel mainframe, Forton columns

F. Peter Smith, Assoc. AIA, Inc.

Bend, Oregon

2008-2010

- * China travel, Suzhou: study Feng Shui, as consultant
- * house character to reflect Julia Morgan's work
- * home's water drawn from aquifer
- * Feng Shui characters used in design, use
- * Greenhouse with Midnight Jasmine, Lutron moved flowers scent

Design 8 spec. homes; provide working drawings, and observation

2002-2008

F. Peter Smith, Assoc. AIA

Lake Oswego, Oregon

- * Sketch, preliminary drawings, design resolution,
- * Working drawings, observation
- * Sketch-up Pro, beginning and Intermediate classes.

Illustration, 3d computer and design work for architecture firm Ankrom 2001-2002

Moisan Associated Architects, Portland Oregon

- * Sunset Presbyterian Church, Lake Oswego, Oregon
3d Studio Max animations from AutoCAD drawings
- * Water Tower Place – John’s Landing, Oregon
Photographic derived illustration presentation, Photoshop
- * Rolling Hills Community Church, Portland, Oregon
AutoCAD 2d working drawings, 3d Studio Viz presentation
- * World Mark Place, Oregon
Pencil and Prismacolor/marker drawings, conceptual presentation
- * La Quinta Hotel, Oregon
Orthographic pencil, and Prismacolor drawings, presentation
- * PeterKort 11 Spec Office Building, Portland, Oregon
Pencil and watercolor spec. office building drawings, presentation

Architectural 12,000 sq. ft. home design

F. Peter Smith, Assoc. AIA, Inc.

1999-2000

- * Mountaintop home, Newburg, Oregon
- * Learned to witch for water, in providing well location
- * Driveway to allow fire engines access to the home, back up
- * Pool water sprinkler fire protection provision

Developer building design work F.

Peter Smith, Assoc. AIA, Inc.

Portland, Oregon

1998-1999

- * (2) 4,000 sq. ft. homes re-designed
- * 10,000 sq. ft. brick commercial building designed,
working drawings, observation

Design and working drawings for 14,000 sq. ft. custom home**1996-1998**

F. Peter Smith, Assoc. AIA, Inc.

West Linn, Oregon

- * **EIFS foam** to imitate stone facade

Design, working drawings, observation of 16,000 sq. ft. estate

F. Peter Smith, Assoc. AIA, Inc.

West Lynn, Oregon.

- * Conceptual design, design resolution, final design
- * working drawings, specifications, weekly observation
- * **Oregon Energy Plan** monitoring, testing, took field visits to occupancy permits.
- * Designed **uninterruptable power station**, using batteries and gas engines for generators, if power to site failed.
- * Designed 4 zone control **Lutron computer and electrical** system.
- * **Complete stone home.**
- * Forton was used to make columns both inside and outside, with steel 4 inch tube steel centers.
- * Home **framed partially in steel.**

1990 -1992

Three residential spec homes designed

Lake Oswego, Oregon

- * Design, working drawings and observation services rendered

- * Benton Home – this home had a portico front entrance, centered on a small pond, it's bridge to one inside. Both this home, and the other two below were designed in Shingle Style, patterned from Robert A.M. Stern's residential designs.

- * Avalon Home, Street of Dreams
Lake Oswego, Oregon

- * Pfeiffer Home, Pfeiffer Farms subdivision Lake
Oswego, Oregon

Design and model building of 18 story commercial office building

1989-1990

Walsh-Bishop Associates

Minneapolis, Minnesota

- * AT&T Tower, Aluca-bond office tower
- * Shopping center design and working drawings
- * Wayzata Country Club Addition, design, working drawings

Design and Construction Supervision

1987-1988

Bernard Jacob Architects

Minneapolis, Minnesota

- * Observed and supervised construction teams on a residential home. Recommended by it's architect.

Urban Planning, PUD design, working drawings, presentation

Robert Wuornos, PhD., Inc. Urban and Regional Planning & Design

- *Worked in small municipalities on zoning/code issues, council meetings, planning, design
- * First work on planned unit development (PUD)

Professional Membership

Member of the American Society of Architectural Perspectivists (**ASAP**)

Student member of the American Institute of Architects (**A.I.A.**) Associat

Student Member: National Organization of Minority Architecture Students (**NOMAS**)

Student member: Environmental Design Research Association (**EDRA**)

Student member: Academy of Neuroscience for Architects (**ANFA**)

Officer: Sir Knight Templar, Grand Commandery No. 5 of Michigan,

Master Mason, 32nd Degree Scottish Rite, York Rite, Royal Arch Masons, Doric Lodge, Order of the Veil, studies in Sacred geometry, Euclid's 47th problem

Software Familiarity

3s Studio Viz – animations, fly-throughs, solid-modeling – 7 years experience

3d Studio Max – 3d shutter glasses, immersive, Network Rendering work. AVI

Sketch-up Pro (have received 2 degrees)

Adobe Premier, AVI animations, fly around, throughs w/music, light studies

Adobe Photoshop / PageMaker / After Effects

AutoCAD 2000 (8 years experience (3 certificates of proficiency)

Revit class at University of Illinois, Champaign, GRCC

MSWord, Power Point