

BIO

Thomas Fowler, IV, AIA, NCARB
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805.471.8185 cell

Overview

Professor Fowler's teaching responsibilities include third year design and building technology courses, working with a range of independent study students, co teaching an experimental interdisciplinary fourth year design studio (architecture, architectural engineering, and construction management) and directing his digital media facility founded in 1997, called the Collaborative Integrative-Interdisciplinary Digital-Design Studio (CIDS). This facility provides students with access to the latest digital technology for use in the classroom for the design and construction of a range of interdisciplinary community projects.

During Professor Fowler's career he has received a number of awards in recognition of his teaching and research activities, which includes: American Institute of Architects (AIA) Education Honor Award for CIDS in 2008 <http://www.aia.org/aiarchitect/thisweek08/0314/0314n_edawards.cfm>, selected for the AIA Doer's Profile in 2008 <<http://www.aia.org/aiarchitect/thisweek08/0425/0425dp.cfm>>, received the College of Architecture and Environmental Design Wesley Award for Teaching Excellence in 2007, the Architecture Department's Faculty Teaching Award in 2005, nominated by Cal Poly's College of Architecture in both 2001 and 2000 for both the U.S. Professor of the Year Award and the California State University System's "Wang Outstanding Teaching Award", received the "Young Faculty Teaching Award" from the Association of Collegiate Schools of Architecture/American Institute of Architecture Students (ACSA/AIAS) in 1996-1997", and was selected as part of the "Young Architects" Competition, Progressive Architecture Magazine, July 1994.

Professor Fowler has served as paper referee for numerous conferences, journals, and has published a range of papers on his design studio teaching methods and interdisciplinary project activities connected with his CIDS facility <<http://works.bepress.com/TFowler/>>. He has had a successful track record for successful grants (over ½ million dollars) to support his research activities. He has recently published an essay on teaching titled, "A Teacher's View", in *Becoming an Architect*, Lee Waldrep, editor, Wiley 2006 (second edition with updated essay being released for 2009).

Professor Fowler has served as the third year coordinator for design since 1997. He is also currently serving as the Assistant Department Head with responsibilities for writing the annual accreditation and the university's internal review reports along with assisting the department with preparing for the next reaccreditation visit in 2011. He has also served as the Associate Head of the Architecture Department from 2001 – 2007.

Selected professional service activities include, elected Secretary to the Board of National Architectural Accreditation Board (NAAB) from 2007 – 2008 (board member 2006 – 2009), elected Secretary to the Board of the Association of Collegiate School of Architecture (ACSA) from 2004-2006, served as the ACSA faculty representative to the national AIAS Board of Directors from 2002 – 2004, chaired the national task force 2007-2008 to rewrite the student performance criteria and conditions and has extensive experience participating on National Architectural Accrediting Board (NAAB) visitation teams (17 visits - 8 chaired) around the country.

Professor Fowler is a Registered Architect in New York State and is certified by National Council of Registration Boards (NCARB), a member of the American Institute of Architects (AIA), and is a member of the Association for Computer Aided Design In Architecture (ACADIA).

Scholarship, Teaching and Creative Work

CIDS <<http://cids.calpoly.edu/00images/cids.pdf>> provides multidisciplinary linkages and practice-based connections of industry to all of Professor Fowler's design studio and building technology courses. Use of advanced digital tools allows for students to focus on building systems integration, group case study analysis, design research and collaborative interdisciplinary community design-build projects. Over a third of the undergraduate students have the opportunity to participate in CIDS in one of four ways: enrolling in a required course; signing-up for independent design or research study; joining an interdisciplinary team project; or participating in the competitive annual selection process to join the CIDS work study team.

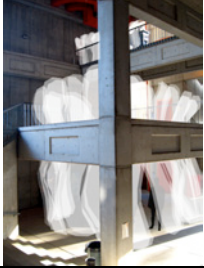

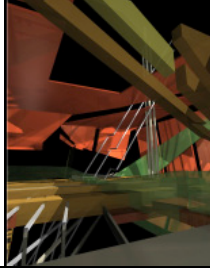
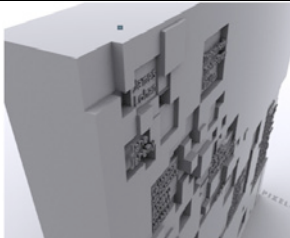
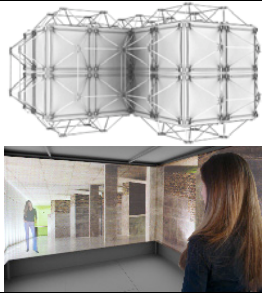



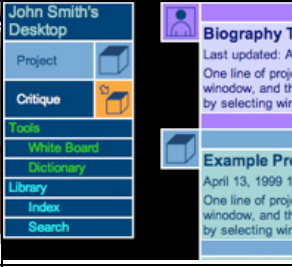



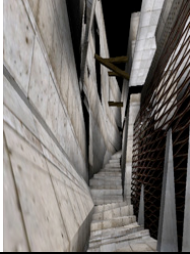

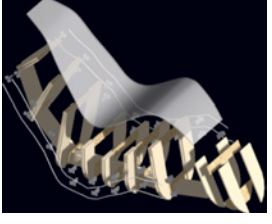
Over 80 interdisciplinary projects have been completed since 1997 (an average of 6 a year and about 2 a quarter), collaborating in the past with the disciplines of new media arts (film), english, Liberal Arts and Engineering Program (LAES), computer science, art & design, architectural engineering, construction management, landscape architecture and city regional planning. Industry professionals collaborated with included: building cladding/concrete subcontractors, shade structure manufacturers, virtual reality and motion tracking software companies.

Students involved with CIDS acquire an understanding of the theoretical and procedural foundation for effective utilization of digital media in the design process, while being grounded in traditional media. Also as important, there is an aim to develop awareness and skills so students can succeed in today's media driven profession. The CIDS framework for engaging the students is multi-faceted: a 1-2 day design studio project conceptualization charrette (short duration intense workshop) for interdisciplinary community and/or research grant proposals, 3-4 week interdisciplinary design-build projects, and independent design studio and research projects. The CIDS also provides an environment, which continually assists the student in efforts to give a voice to individual creativity, and establishes a learning environment that feeds itself and evolves as the learners grow.

CIDS PROJECTS [Scholarship, Teaching and Creative Work]

Selected Work from January 1, 2003 to December 7, 2007

<http://cids.calpoly.edu/00images/cids.pdf>

Short-Term (3-6 weeks long) Design and Construction Projects			
	Intimate Transactions Temporary Theatre Installation	Intimate Transactions Temporary Theatre Installation (Immersive View)	Design Studio Project Derived from Intimate Transactions Work
Short-Term (1-5 days) Project Concept Generation Charrette			
	Poured In Place Concrete Appreciation Wall	Lumeire Ghosting Portable Structure Device	K-12 Shade Structure Proposals
CIDS Research Grant Projects			
	Full-Scaled Building Cladding System Installation	Modular Display Units – for Student Work Archive Room	Design Authoring Database
Independent Study Proposals — Building Design			
	Urban Sanctuary Pediatric Rehabilitation	Pulling Tendons – Steel Museum	History Museum - Steel Museum
Independent Study Proposals — Student/Instructor Collaborative Research Projects			
	Video Gaming Environments	Design Studio Workstation Prototype	Boat Chair Prototype

CURRICULUM VITAE

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Background

Education

- 1994** **Cornell University**
College of Architecture, Art and Planning, Ithaca, NY
Master of Architecture in Architectural Design, May 1994
- 1984** **New York Institute of Technology / Old Westbury**
Campus, Westbury, NY
Bachelor of Architecture, January 1984
(Rome, Italy–Summer 1982)

Registration/Certification

- 2008** **Registered Architect New York State**
License Number: 323233
- 2008** **National Council of Architectural Registration Boards Certification (NCARB)**
Certification Number: 38053

Academic Experience (Title/Position, Institution, Department, Location, Period of Employment, Time Base (i.e., full- or part-time), Primary Duties)

- September 2007 to Present **Cal Poly State University**
Department of Architecture
San Luis Obispo, CA 93407
- Professor**
Primary Teaching Duties: Interdisciplinary Fourth Year Design Studio (ARCH 452 & 453) Co Taught with Professors: Doerfler, Cabrinha, Dong (Arce), and Montoya (CM); Third year Architectural Design Studio (ARCH 351, 352, 353) and Professional Practice Activity Course (ARCH 341, 342); Independent Study Projects
- Assistant Head**
Primary Duties: To prepare annual reports for the National Architectural Accreditation Board (NAAB) and University's Internal Reviews, and to provide assistance to the department in preparing for the next re accreditation visit in 2011.
- January 2001 to December **Cal Poly State University**
- Associate Professor**
Primary Teaching Duties: Third year Architectural Design Studio (ARCH 351, 352, 353) and Professional Practice Activity Course (ARCH 341, 342)
- January 2002 to Fall 2006 **Cal Poly State University**
- Associate Head**
Primary Duties: To prepare for the National Architectural Accreditation Board (NAAB) visit WQ 2004 and to assist the department head with improving the curriculum.
- FQ '01 – SQ ' 04: Coordinated all activities related to the NAAB visit. Chaired the Accreditation Report Writing Committee (FQ '02 – FQ '03), collected faculty syllabi and student work for team room archive. Designed and constructed the display system for the student work. Organized the department wide exhibition of student and faculty work.
 - FQ '04 – FQ '07: Chair, Area Coordinators Ad Hoc Group. Developed white paper for revisions to the curriculum

January 1996 to
2001

Cal Poly State University
Department of Architecture
San Luis Obispo, CA 93407

Assistant Professor

Primary Teaching Duties: Third year Architectural Design Studio (ARCH 351, 352, 353) and Professional Practice Activity Course (ARCH 341, 342) and Fourth year Architectural Design Studio (ARCH 452, 452, 453), taught as an interdisciplinary urban design studio with landscape architecture department, and Professional Practice Studio Course (ARCH 441, 442).

Started the Collaborative Integrative-Interdisciplinary Digital-Design Studio (CIDS) with Cal Poly Plan I funding in 1997, to provide a mechanism to link architecture students in the classroom to interdisciplinary community design-build projects.

Summers 1998 to
2004

Cal Poly State University
Department of Architecture
San Luis Obispo, CA 93407

Instructor

High School Introduction to Architecture Program
Taught 2-day workshop to 40 students (20 students each day)
Workshop focused on providing high school with overview of digital skills (animation, movie making, etc) for use in design.

January 1995 to
December 1995

Cal Poly State University
Department of Architecture
San Luis Obispo, CA 93407

Visiting Lecturer

Primary Teaching Duties:

SQ '95 & FQ '95

- 3rd Year Architectural Design (ARCH 351, 352, 353) & Professional Practice (ARCH 341/342)
- 3rd Year Coordinator (elected SQ '95)

WQ '95

- 4th Year Architecture Design (ARCH 452) Studio Collaboration w/ landscape architecture & Professional Practice Studio (ARCH 442)

Spring, Fall 1991
& Fall 1993
(Part-time)

University of California at Berkeley,
College of Environmental Design
Department of Architecture, Wurster Hall

Visiting Lecturer

-Architecture 100A: Fundamentals of Architectural Design

-Architecture 101: Case Studies in Architectural Design

August 1985 to
May 1989

Cornell University, College of Architecture, Art and Planning
Ithaca, NY 14850

Director of Minority Educational Affairs

Primary Duties: Prepared recruitment, admissions, and retention strategies for underrepresented minority students. Served on College's admissions and recruitment committees and served as academic, career, and student organization advisor.

June-August 1988, 1987
(Summer)

Cornell University, College of Architecture, Art and Planning
Ithaca, NY 14850

Teaching Assistant

High School Introduction to Architecture Program

**Creative/Professional Work
Grants, Contracts, Fellowships, Honors, Awards**

Awards/Selections/Honors

Selected for American Institute of Architects Doer's Profile (Face of the AIA), The News of the America's Community of Architects, Volume 15, April 25, 2008
<http://www.aia.org/aiarchitect/thisweek08/0425/0425dp.cfm>

American Institute of Architects Education Award 2008 for Collaborative Integrative-Interdisciplinary Digital-Design Studio (CIDS) – one of six national awardees innovative community projects
http://www.aia.org/aiarchitect/thisweek08/0314/0314n_edawards.cfm

Nominated for Cal Poly's Distinguished Teaching Award 2007-2008

Nominated for Cal Poly's Distinguished Scholarship Award 2007-2008

Faculty Commencement Speaker, for the College of Architecture and Environmental Design and the College of Liberal Arts Graduation Ceremony, December 2007

"Wesley Ward Teaching Award", College of Architecture and Environmental Design Foundation, 2007, \$1,000 provided for classroom use

"Faculty Teaching Award", Department of Architecture, 2005

Paul and Verla Neel Professional Development Funds Award, 2003, \$600

"Cass Gilbert Visiting Professor", Architecture Department University of Minnesota, Spring Semester 2003

Nominated by the College of Architecture and Environmental Design, for the "U.S. Professor of the Year" Award, May 2000 and May 2001. Award sponsored by the Council for Advancement and Support of Education (CASE) Organization

Nominated by Cal Poly State University, San Luis Obispo, CA for the California State University System's "Wang Outstanding Teaching Award", 2000 and 2001

"IBM's 1997 Annual Report", selected to represent the California State University System, due to effective innovative methods for integrating computer technology into the classroom

Selected "Alumni of the Year" for national Architecture and the American Institute of Architecture Students, organization (served as national president 1984-85), presented at the American Institute of Architects National Convention, San Francisco, CA, May 1998

Selection for "Mercedes-Benz / Salon Magazine" Interview (unpublished), July 1998

Selected Honorary Member of the Golden Key National Honor Society, June 1997

Young Faculty Teaching Award, Association of Collegiate Schools of Architecture and the American Institute of Architecture Students, 1996-'97

"Young Architects Selection", Progressive Architecture Magazine, July 1994

Student Work Recognition (Selected)

2008 Honorable Mention for Team of Two Architecture Students (Glabe, West) and Two Architectural Engineering Students (Guggemos, Lee) for ACSA/AISC Steel Competition. Interdisciplinary Fourth Year Design Course CoTaught WQ & SQ 2007with Professors Doerfler, Cabrinha & Dong

2007 2nd Place Winner of National Student Competition, Sponsored by Kawner and the American Institute of Architecture Students, Inc for Rachel Glabe, Pediatric Rehabilitation Center, (FQ '07 4th Year Independent Study Student)

2007 Honorable Mention for National Student Design Competition, Sponsored by FormZ, Auto-des-sys, Inc for Jeff Hammerquist, Satellite Automobile Production Facility, (SQ '07 Arch 353 & 342)

2007 Honorable Mention for National Student Design Competition, Sponsored by the American Institute of Steel Construction (AISC) and the Association of Collegiate Schools of Architecture (ACSA) for Greg Talyor, Steel Museum in Pittsburgh, PA

2006 Winter Quarter, Best of Show Award (Best 3rd Year Student Project), Rachel Glabe, San Luis Obispo Airport Terminal, Sponsored by the Architecture Department

2006 Spring Quarter (April 2006) Katsunori Shigemi (in FQ '05 ARCH 351 & 341) selected to write an article, "Digital Physical Mashup", for national magazine, Architecture Week Magazine
< http://www.architectureweek.com/2006/0419/tools_1-1.html >

2006 FormZ Annual Publication, Hugo Martinez Project: A Landmark for Morelia, Michoacan, Mexico

2005 Honorable Mention for National Student Design Competition, Sponsored by FormZ, Auto-des-sys, Inc for Jacob Alfreth's Tsunami Museum, San Luis Obispo, CA

2005 Finalist (Top 50 Projects) Far Eastern International Digital Architectural Design Award (FEIDAD) Competition, Timothy Leung, Cultural Center, South Point, NY

2004 Fall, student from ARCH 351 (Vivien Chen) was selected as one of the top 100 projects to be displayed as part of the Cradle to Cradle national design competition, sponsored by ENYA

2004 Fall, two of the four groups (ARCH 351 & 341) of students entering the first annual Vellum Furniture Design Competition received honorable mentions for their furniture design entries (one for the "Boat Lounge Chair" and the second for "Cooper Piping Cube Chair". There were 80 total entries submitted for this competition.

2001 Five (5) students (Omar Barcena, Mbela Endeke, Daisy Houang, Jacqueline law, & Brad Williams) selected as finalist (top 50 projects) for the "Inforum", International Design Competition, sponsored by the Association for Computer Aided Design In Architecture (ACADIA)

2000 Fall, One student project selected for an honorable mention for "United States Embassy National Design Competition", sponsored by the ACSA and the US State Department: 4 Sites: Uganda, Korea, Jamaica, and Croatia.

Derric McCormick's (quadriplegic student) Immersive Visualization Project (Virtual Reality), In Collaborative with Architecture and Computer Science Departments, recognized in 1999-2000 Annual Cal Poly's Foundation Report.

1999 Fall, one student's project recognized in the 50 projects; and five student projects recognized in the top 100 projects entries for the Library for the Next Millennium", Association of Computer Aided Design In Architecture (ACADIA) International Design Competition

Immersive Visualization Project, recognized in US News and World Report Magazine, November 6, 2000, p 74, Darric McCormick 5th year Architecture Student highlighted. Working on independent study senior project 2000/2001 with instructor

Professional Growth

Publications (Selected)

(In Progress) "A Students Weekly Design Journal", co authored with 3rd year student Sara Jester, 2008 FormZ Auto-des-sys, Inc Annual Publication

"Light Motion Machines", 2007 FormZ Auto-des-sys, Inc Annual Publication

"Intimate Production of Space", 2007 FormZ Auto-des-sys, Inc Annual Publication

"Intimate Production of Space", Architecture+Design+Discourse, Cal Poly Architecture Department, 2008

- "A Teacher's View", Lee Waldrep, editor, Becoming an Architect, Wiley 2006
- "The Tectonics of Motion Light and Space", 2006 FormZ Auto-des-sys, Inc Annual Publication
- "Exploring the Constructability of 'Imagined' Realities", 2005 FormZ Auto-des-sys, Inc Annual Publication
- "Cal Poly Architecture Department Annual Report" of FormZ Use in the Program, FormZ Auto-des-sys, Inc, 2003 - present
- "Establishing a Physical-Digital Media Framework Using Bauhaus Principles For Integrating Building Technology into Studio Design Projects", International Symposium Development and Prospects of PhD Program in Design Science Education, October 29-30, 2004, College of Design, Chaoyang University of Technology, Taicung County, Taiwan
- "On Improvisation, Making, and Thinking". with Bermudez, Univ. Of Utah, Bennett Neiman, Texas Tech University, October 2005 ACSA South West Regional Conference Proceedings [Conference Cancelled, but proceedings published]
- "Teaching Today" < <http://www.archvoices.org/pg.cfm?nid=home&IssueID=288>>, Introductory Essay for ArchVoices Issue on Education, September 13, 2003
- "Tacit and Deliberate Systems: A Seven Component Analog and Digital Framework for Informing the Design Studio Process", ACSA West Conference, SLO, CA 2002
- "Physical and Digital Media Strategies, For Exploring 'Imagined' Realities of Space, Skin and Light" (with Brook Muller), ACADIA Conference, Pomona CA 2002 & SIGRADI Conference, Caracas, Venezuela 2002.
- "Immersive Education - A New Technique for Collaborative Learning", Paper - in Collaboration with Lew Hitchner and Erika Rogers, from Cal Poly's Computer Science Department, American Society of Engineering Educators – Pacific South West (ASEE-PSW) 2000 Conference, Tucson, Arizona, April 2000
- "Traces of a Hidden Culture: Memorializing an African American Farming Community", ACSA Annual Conference, Minneapolis, MN, March 1999
- "Immersive Education - A New Technique for Collaborative Learning", Paper - in Collaboration with Lew Hitchner and Erika Rogers, from Cal Poly's Computer Science Department, American Society of Engineering Educators – Pacific South West (ASEE-PSW) 2000 Conference, Tucson, Arizona, April 2000
- "World Wide Web as Framework for Collaboration", Chair, One-day Focus Symposium August 4, 1999, InterSymp-99 11th International Conference On Systems Research, Informatics and Cybernetics, Baden-Baden, Germany
- "Traces of a Hidden Culture: Memorializing an African American Farming Community", ACSA Annual Conference, Minneapolis, MN, March, 1999
- "Traces of a Hidden Culture: Memorializing an African American Farming Community", Western Regional ACSA Conference, "Towards a Critical Pedagogy", University of California, Berkeley, CA, October 16-18, 1998
- "Creative Expression On The Web: An On-line Project Management Course for Architects", InterSymp-98 10th International Conference On Systems Research, Informatics and Cybernetics, August 17-21, 1998, Baden-Baden, Germany;
- "The World Wide Web as New Models of Mind and Medium for Capturing The Design Process for Learning and Teaching", InterSymp '97, International Conference on Systems Research, Informatics and Cybernetics, Focus Symposium: Advances in Collaborative Design And Decision-Support Systems, Baden-Baden, Germany, August 19, 1997.

Grants Awarded (Over ½ Million Dollars)

(In progress) Department of Architecture Archive Room for Student and Faculty Work, Architecture Department Student Based Fees, SQ '09	\$3,000
Interdisciplinary (Architecture, Architectural Engineering, Construction Management) Fourth Year Design Studio WQ/SQ '09, Co Taught with Professors, Doerfler, Cabrinha, Dong, Montoya, Funds from Department and College for Class Field Trips to Phoenix and Los Angeles	\$5,000
Interdisciplinary (Architecture and Architectural Engineering) Fourth Year Design Studio WQ/SQ '08, Co Taught with Professors, Doerfler, Cabrinha, and Dong, Funds from Department for Class Field Trips to Seattle and Los Angeles	\$5,000
College of Architecture and Environmental Design, Design Construction Institute Funding for 05-08 for continuing the activities of the CIDS lab	\$30,000
Interdisciplinary Design Studio Grant, 2008 - 2013 (This is the first studio in the department funded under this program) (\$10,000 a year x 5 years)	\$50,000
Funds for Establishing Developing the Design Studio Workstation Prototype for the Entire Architecture Department (based on this prototype, workstations ordered for the other 33 design studios in the department), Architecture Department Student Based Fees, SQ '08	\$16,000
Lydia Humphries Student Assistant Funds (\$2,500 per student w/ an average of 2 students a year, since 2,000 (5,000 x 8 years)	\$40,000
Shade Structure for Atascadero High School — An interdisciplinary project with Architectural Engineering, Construction Management and Landscape Architecture Departments. Project is ongoing. Funds provided by the Atascadero facilities department with the idea that the remainder of the money to design and construct this structure will be raised with the help of the students on the team. Project started February 2007 to present.	\$20,000
Intimate Transactions Project — Pneumatic structure designed and constructed (cost of building materials, equipment rental and shipping cost for the interactive technology system) for University Open House Event. Interdisciplinary Collaboration between (over 100 students and 5 faculty from five different departments) architecture, english, new media arts, computer science, liberal arts and engineering studies, college of liberal arts and collaborative integrative-interdisciplinary digital-design studio.	\$5,000
Westly Ward Teaching Award — College of Architecture and Environmental Design Foundation, May 2007	\$1,000
Lumeire Ghosting Device — The development of the schematic design, construction documents and full-sized construction of a rear projection modular and portable virtual reality theatre, 2005 to present, funded by the CIDS (expenses to date)	\$1,000
Architecture Design Studio Workstation Prototype — The design and construction of workstation main desk and side table to improve the ergonomics and storage capacity for design studio students, funded by the CIDS (expenses to date)	\$2,000
Temporary Theatre Construction for "Lumeire Ghosting Project" — (w/ David Gillette english/new media arts, liberal arts and engineering studies). Kennedy Library Temporary Space provided for a year, 2006 – 2007, estimated value for space and support	\$5,000
"Collaborative Interactive Digital-Design Studio" (CIDS) — Cal Poly State University College of Architecture Innovation In Teaching Funds - 3 Year Technology Upgrade Plan, 2004 – 2007	\$30,000

Temporary Theatre Construction "Lumeire Ghosting Project" —(w/ David Gillette, English/New Media Arts) Cal Poly State University Internet II Funds, 2005	\$5,000
"Full-Size Cladding System Mockup" System — Interdisciplinary Collaboration between Construction Management (with Bill Epstein and Paul Weber) and Architecture Students and Faculty, College of Architecture Innovation In Teaching Funds, 2003 – 2004. Installation of cladding system in the stair court of building 05 pending approval.	\$4,000
"Designing Housing Solutions for Higher Density in Downtown San Luis Obispo" (with Brook Muller) Community Development Grant, College of Business, Cal Poly State University, Winter 2004	\$4,200
"Modular Display Units (MDU)", Design and Construction of Student Work Storage Display System for Department Archive Room, Architecture Department Student Based Fees, 2003 – 2004	\$13,100
"Designing Housing Solutions for Higher Density in Downtown San Luis Obispo", Community Development Grant, College of Business, Cal Poly State University, Winter 2004	\$4,200
EON Reality, Inc and College of Architecture and Environmental Design and College of Liberal Studies Memorandum of Understanding and Letter of Agreement Virtual Reality annual software license for 1 year (estimated value for this license)	\$20,000
"Integrating the Fundamentals of Analog and Digital Graphic Communication into the Design Studio", 2002 & 2000	\$4,100
"Immersive Collaboratory", voice activated immersive interface for disabled architecture student, Cal Poly State University Cal Poly Plan Funds III, 2000	\$10,000
"Centennial Time Capsule Projects Exhibition", Cal Poly State University, Provost's Office Funds, SLO, CA 2001	\$2,000
"Miniature Scale — Design Prototyping System (DPS) for Architecture, Cal Poly State University Cal Poly Plan Funds II, 1998	\$15,200
"Collaborative Integrative-Interdisciplinary Digital-Design Studio" (CIDS) computer studio, Cal Poly State University Cal Poly Plan Funds I, 1996	\$113,000
"Fakespace ImmersaDesk", Immersive Visualization computer equipment for the interdisciplinary collaborative project between Computer Science and Architecture Departments, Pac Bell Foundation, Summer 2000	\$50,000
"Immersive Collaboratory", Visualization computer equipment for the interdisciplinary collaborative project between Computer Science and Architecture Departments Cal Poly Plan Grant, September 2000 - 2002	\$10,000
"A Non Tethered System for Integrating the Fundamentals of Analog and Digital Graphic Communication into the Design Studio", the Kathryn McCafferty/James Bagnall Endowment, Spring 2000	\$2,500
"Analog and Digital Language of Vision (ADLV) Design Collaborative Workshop with the University of Utah and the University of Colorado @ Denver, CAED Innovations in Teaching Award, Winter Quarter 1999 for Spring 2000 workshop	\$5,000
"Collaborative Design Innovations via the World Wide Web, University Services Summer Grant, Cal Poly Foundation, total value, awarded June 1998 for summer '98.	\$2,543
Innovations in Teaching Award, College of Architecture and Environmental Design (CAED), for Collaborative Interactive Design Studio (CIDS) — upgrading of existing equipment, warranties, purchase of additional hardware/software for technology tool integration into the design studio, January 1998	\$13,000

"Development of a Web Database for Student Work, University Services Summer Grant, Cal Poly Foundation, Summer '97	\$4,252
'Creating a Comprehensive Web Environment for Teaching Design and Practice in the Design Studio Setting, Cal Poly Foundation University Services Summer Grant, Summer 1996	\$3,519
"Distributed Tutored Video Instruction — Pilot Program", Sun Micro Systems, total value for student facilitator support and use of project's Intranet, March 1996 - September 1997	\$5,000
"Establishing Web Connectivity in the Design Studio", Apple Academic Partnership Program, March 1996	\$2,500
"Design Web Chats", Establishment of Web Site for the criticism of architecture student work, Cal Poly Foundation Interactive Learning Group, December 1995	\$2,500

Grants (Not Funded)

Enhancing Integrated Practice Using Digital Tools in a Cross-Disciplinary Curriculum (Interdisciplinary collaboration between all CAED departments and industry consultants: engineers, contractor, building cladding companies and software companies, AIA Latrobe Foundation (Co PI) November 2007	\$100,000
Immersive Visualization, Interdisciplinary collaboration between the departments of Architecture, Architectural Engineering, Computer Science, Construction Management for the development of a virtual reality laboratory, Keck Foundation, 2001	\$100,000,000
National Science Foundation Grants (1997, 1998, 1999) for the development of a virtual reality laboratory, \$200,000	\$200,000
Development of the AutoCAD Facility Proposal and Budget in collaboration with Art Chapman, John Cotton and Roberta Minkler (CAED Director Advancement) FQ '99 – WQ '00	\$50,000

Related Professional Experience

July 1994 to
December 1994

Davis Brody Bond Associates, Architects

315 Hudson Street, 9th Floor
New York, N.Y. 10013

Design Team Member (1 of 3 members)

- Center for Disease Center Lab Bldg. — Columbia University
200,000 sf / 10 fls — Design Development (DD) &
Construction Documents Development (CD) Team

January 1991 to
July 1994

University of California at Berkeley

Capitol Projects
Berkeley, CA 94720

Project Manager for development and construction of campus projects:

- Minor Hall Laboratory & Office Expansion: — School of Optometry: 22,000 sf / 2 fl addition to existing bldg — Design Development (DD) and Construction Administration (CA)
- Minor Hall Eye Glass Dispensary Renovation: — School of Optometry 3,500 sf — DD and CA
- Computer Science Building — College of Mechanical Engineering: 100,000 sf / 4 fls — CA

- University Health Service Building: — Outpatient Health Service: 75,000 sf / 4 fls — CA
- Walter A. Haas — School of Business: 200,000 sf / 7 fls —CA and Owner's on-site field representative

September 1989 to
September 1990

Hartman Cox Architects
1025 Thomas Jefferson St., NW, Washington DC 20007

Design Team Member (1 of a 3 member team)

- 1200 K Street Office Building:
400,000 sf / 12 fls — DD & CD Team
- 800 North Capitol Street Office Building:
400,000 sf / 12 fls — DD Team

September 1986 to
May 1988
(Part-time)

**Henry Richardson Associates, Architecture
and Planning**
202 The Commons
Ithaca, NY 14850

- Cornell University Agriculture and Life Sciences College Educational Technology Feasibility Study

June to
September 1986
(Summer)

Bearsh Compeau and Associates, PC
Architecture, Planning, Interiors
122 State Street
Binghamton, NY 13901

- Norwich City Hall Feasibility Study

July 1984 to
July 1985
(Elected term)

American Institute of Architecture Students (AIAS), Inc.
1735 New York Avenue, Washington DC 20006

National President/Chief Executive Officer

Primary Duties: Formulated and monitored 1/2 million-dollar budget, and presided over executive committee and national meetings. Board member of the National American Institute of Architects and a member of the 'Five Presidents' Council.

July 1978 to
June 1984

Garrison McNeil Architects and Planners
143 West 72nd Street, New York, NY 10027

Job Captain

- New York State Department of Labor, NYC
7,000 sf renovation, 3 fls — Job Captain
- Carmine Street Recreation Center, Soho, NYC
75,000 sf renovation, 5 fls —CA
- Bedford Styvesant Elementary School, Brooklyn, NY
300,000 sf renovation, 6 fls — CA
- Apollo Theater, 125th Street, NYC, DD
- 42nd Street Theater Renovations, 42nd Street, NYC, DD
- Murder Ink Bookstore Addition, DD & CD

Courses Taught

Course Number, Course Name, Units, Quarter/Semester, Year

Cal Poly State University

Studio Project Title and Location

Year and Quarter / Course Number (units) / Course Title

PreCast Concrete National Competition Project (proposed)

09SQ ARCH 353: Architecture Design Studio (5).
09SQ ARCH 342: Practice Activity (2).

Collaboration (proposed) with Professor David Gillette, English and Professor Zoe Wood, Computer Science for joint lectures about film, gaming and architectural space. Will develop a project to have the students from the three departments work together to construct a interactive digital exhibition.

Collaboration (proposed) with the Kennedy Library to have architecture design and build seating out of discarded books for exhibition and book workshop that will be conducted during Open House.

Performing Arts High School Project, Phoenix, AZ

09WQ ARCH 452

09SQ ARCH 453

Interdisciplinary Fourth Year Design Studio Course team-taught between Architecture, Architectural Engineering (with Kevin Dong) Construction Management (with Mike Montoya) and ARCH Professors Mark Cabrinha, and James Doerfler)

Elementary High School Project, Los Vegas, NV

09WQ ARCH 352: Architecture Design Studio (5). Taught 352 in coordination with ARCH 307: Environmental Controls Systems Activity Course (Professor Barry Williams)

3 day field trip to Las Vegas to visit project site, visit project site, and to visit recent works of architecture.

A Satellite Library for San Francisco's Sun Set District, San Francisco, CA

09FQ ARCH 351: Architecture Design Studio (5).

ARCH 341: Practice Activity (2).

Collaborated with Professor David Gillette, English and Professor Zoe Wood, Computer Science for joint lectures about film, gaming and architectural space. The students from all three departments collaborated on developing a space that addressed issues of film, gaming and architecture.

A Center for AISMO (The Robot designed by the Honda Company), San Francisco, CA

08SQ ARCH 353: Architecture Design Studio (5).

ARCH 342: Practice Activity (2).

Collaborated with Professor Roya Javadpour (Industrial Manufacturing Engineering) on the PolyHouse project. The architecture students worked with the engineering students project consultants (engineer and contractor) to develop designs and construction documents for this project that was constructed by the end of the spring quarter.

Collaborated with Professor Sat Rihal (Architectural Engineering) to develop shared case study project that worked with the requirements of my two courses (ARCH 353 & 342) and his structures course (ARCE 316).

A Spiritual Center for a Pipe Organ, Venice Beach, CA

08WQ ARCH 352: Architecture Design Studio (5). Taught 352 in coordination with ARCH 307: Environmental Controls Systems Activity Course (Professor Barry Williams)

Large Scale Mixed-Use (Housing and Retail), Project Seattle (Coleman Docks), WA for ACSA/AISC Steel Competition

08WQ ARCH 452

08SQ ARCH 453

Interdisciplinary Fourth Year Design Studio Course team-taught between Architecture and Architectural Engineering (with Kevin Dong, ARCE, and ARCH Professors Mark Cabrinha, and James Doerfler)

One Team received an Honorable Mention Award from the ACSA/AISC Competition

A Pediatric Rehabilitation Center, Manhattan (Chelsea), NY

07FQ ARCH 351: Architecture Design Studio (5)
ARCH 341: Architecture Practice Activity (2)
Collaborated with ENG 411, Media Arts I (Professor David Gillette), Architecture students collaborated with New Media Arts students to develop collaborative design projects that were in response to a series of "new media" issues.

ARCH 451: Architecture Design Studio (5) [Supervisor to independent study student: Rachel Glabe (Won 2nd place prize in national student design competition)]

Satellite Automobile Manufacturing Facility for the Art Center's South Campus, Pasadena, CA

07SQ ARCH 353: Architecture Design Studio (5)
ARCH 342: Architecture Practice Activity (2)

Collaborated with ENG 413, Media Arts III (Professor David Gillette), for the design and construction of a pneumatic structure to house the "Intimate Transactions", a interactive technology system for a visiting artists from Australia. Over 100 students (architecture, architectural engineering, art & design, construction management, computer science, new media arts/english, and landscape architecture) involved in the development of this project for University's Open House Event.

Collaborated with Construction Management Department's Polymer Class (Professor Elbert Speidel) to have architecture students design a poured-in-place concrete appreciation wall for new tensile structure that is being built for the concrete yard.

The Center for the Study of Light, Cal Poly State University, San Luis Obispo, CA Campus

07WQ ARCH 352: Architecture Design Studio (5). Taught 352 in coordination with ARCH 307: Environmental Controls Systems Activity Course (Professor Barry Williams).

Collaborated with ENG 412, Media Arts II (Professor David Gillette), , Architecture students collaborated with New Media Arts students to develop collaborative design projects that were in response to a series of "new media" issues.

Scion Showroom Competition & Satellite Dealership, Downtown San Luis Obispo, CA

06FQ ARCH 351: Architecture Design Studio (5)
ARCH 341: Architecture Practice Activity (2)

Collaborated with ENG 411, Media Arts I (Professor David Gillette), Architecture students collaborated with New Media Arts students to develop collaborative design projects that were in response to a series of "new media" issues.

The Center for Gaming Environments, San Francisco, CA

06SQ ARCH 353: Architecture Design Studio (5)
ARCH 342: Architecture Practice Activity (2)
ARCH 453: Architecture Design Studio (5) Supervisor to independent study student: Martin Nerurkar, exchange student from Germany. Student designed a video game and worked with ARCH 353 students to create interactive video gaming environments within their architecture projects.

Collaborated with Construction Management (Instructor Elbert Speidel) students to design and construct a temporary pneumatic structure for ground-breaking ceremony during Open House for the new construction management building.

ARCH 480: Independent Study Course
Student: Hugo Martinez Project: Design and Construction for architecture design studio workstation prototype

The Center for the Study of Light and Space, Cal Poly Campus

06WQ ARCH 352: Architecture Design Studio (5) Taught 352 in coordination with ARCH 307: Environmental Controls Systems Activity Course (Professor Barry Williams)

NOTE: From Fall 2004 until the end of Spring 2005, department provided 6 WTUs of annual release time (did not teach Arch 341 & Arch 342) for role as Associate Head in preparation for the accreditation visit winter quarter 2004.

South Point Cultural Center Competition, South Point, NY

05FQ ARCH 351: Architecture Design Studio (5)
ARCH 341: Architecture Practice Activity (2)

Timothy Leung's project selected and published by Far Eastern International Digital Architectural Design (FEIDAD) competition organization as one of the top 50 finalist projects.

Katsu Shigemi, was approached by ArchitectureWeek an online magazine, to reprint an article titled "Digital Physical Mashup" written for 2005 FormZ annual publication

Film and Space Center, Cal Poly Campus

05SQ ARCH 353: Architecture Design Studio (5)

ARCH 480: Independent Study Course
Student: Hugo Martinez Project: A Landmark for Morelia, Michoacan, Mexico. Projected published in FormZ 2006 Annual Publication

The Tsunami Center, Downtown San Luis Obispo (Rose Alley)

05WQ ARCH 352: Architecture Design Studio (5) Taught 352 in coordination with ARCH 307: Environmental Controls Systems Activity Course (Professor Barry Williams)

Jacob Alfreth, received honorable mention (2nd place) award from FormZ in 2005

Cradle-to-Cradle International Design Competition, Sponsored by Emerging Young New York Architects (ENYA)

04FQ ARCH 351: Architecture Design Studio (5)

One student's project (Vivien Chen) selected to be part of the top 100 projects for exhibition for the Cradle-to-Cradle Competition.

Two of the four groups of students entering the first annual Vellum Furniture Design Competition received honorable mentions for their furniture design entries (one for the "Boat Lounge Chair" and the second for "Cooper Piping Cube Chair". There were 80 total entries submitted for this competition.

Summer High School Career Exploration Workshop

03SUM Students exposed to movie making strategies to assist them with their design projects.

Immersive Visualization Center, Cal Poly, SLO Research Park

04SQ ARCH 353: Architecture Design Studio (5)

Collaborated with English/New Media Arts, Art & Design, and Computer Science Departments to have students design and build a temporary virtual reality theatre for the University's Open House

Infill Housing, Downtown (multiple sites) SLO (Bank of America Grant)

04WQ ARCH 351: Architecture Design Studio (5)

Vertical studio collaboration with ARCH 252, Assistant Professor Brook Muller

Bank of America grant received for this studio project

Media coverage of student projects

Solar Decathlon House

03FQ ARCH 351: Architecture Design Studio (5)

<http://cids.calpoly.edu/FQ03/ads/characters.html>

Summer High School Career Exploration Workshop

03SUM <http://cids.calpoly.edu/SMQ02/mugs.html>

The Center for the Study of Collage, Terrace Hill, SLO

03SQ ARCH 353: Architecture Design Studio (5)

<http://cids.calpoly.edu/SQ03/ads/characters.html>

Wellness Towers for Las Vegas, NV

03WQ ARCH 352: Architecture Design Studio (5)

<http://cids.calpoly.edu/WQ03/ads/characters.html>

Taught 352 in coordination with ARCH 307: Environmental Controls Systems Activity Course (Professor Brook Muller)

Field Trip to Las Vegas, NV for 3 days to study and document the strip and analyze project sites.

Material ConnecXtion Satellite Facility, Downtown SLO

02FQ ARCH 351: Architecture Design Studio (5)

<http://cids.calpoly.edu/FQ02/ads/characters.html>

Summer High School Career Exploration Workshop

02SUM <http://cids.calpoly.edu/SMQ02/mugs.html>

The Prada Retail Tower, San Francisco, CA

02SQ ARCH 353: Architecture Design Studio (5)

<http://cids.calpoly.edu/SQ02/ads/characters.html>

ARCH 342: Architecture Practice Activity (2)

Resourcefulness Center (Recycling Plant), Phoenix, AZ

02WQ ARCH 352: Architecture Design Studio (5)

<http://cids.calpoly.edu/WQ02/ads/characters.html>

Taught 352 in coordination with ARCH 307: Environmental Controls Systems Activity Course (Professor Brook Muller)

Field Trip to Phoenix Arizona to visit and document the project site, and to stay at Frank Lloyd Wright's Taliesin West for 3 days to collaborate with students in this program.

**"Inforum", as a new kind of civic gathering place
International Design Competition, sponsored by the Association for
Computer Aided Design In Architecture (ACADIA)**

01FQ ARCH 351: Architecture Design Studio (5)
<http://cids.calpoly.edu/FQ01/ads/characters.html>

ARCH 341: Architecture Practice Activity (2)
Five (5) students selected as finalist (top 50 projects): Omar Barcena,
Mbela Endebe, Daisy Houang, Jacqueline law, & Brad Williams

ARCH 480: Independent Study 4th year Architecture Design Students Bill
Bradfield and Gomes Elizabeth, Developed projects for the "Inforum"
Competition

Summer High School Career Exploration Workshop

01SUM <http://cids.calpoly.edu/SMQ01/mugs.html>

Hip Hop Cultural Center in Lower Manhattan, NY

01SQ ARCH 353: Architecture Design Studio (5)
ARCH 342: Architecture Practice Activity (2)

Power Plant Designs in response to California's Energy Crisis

01WQ ARCH 352: Architecture Design Studio (5). Taught 352 in coordination
with ARCH 307: Environmental Controls Systems Activity Course
(Professor Brook Muller)
<http://cids.calpoly.edu/WQ01/POWERPLANT/characters.html>
ARCH 342: Architecture Practice Activity (2)

Students proposed projects that were sensitive to the environment and
developed project design innovations so plant projects educated the
public in understanding the finite nature of our energy resources.

Time Capsule in Celebration of the University's Centennial Birthday

00 FQ ARCH 351: Architecture Design Studio (5)
<http://cids.calpoly.edu/FQ00/TIMECAPSULE/characters.html>

ARCH 341: Architecture Practice Activity (2)

Media coverage of students' projects

Provost Paul Zingg provided a \$2,500 grant to exhibit projects during the
University's Centennial Celebration]

• **2000-2001**

[Year long senior projects] - (Two 5th year students) "Immersive Visualization
Center" at Cal Poly, SLO, CA; Darric McCormick, and "A Water High School" in
Santa Barbara, CA; John Moyer

• **Summer Quarter 2000**

High School Introduction to Architecture Program – "Representing Movements
in Space". 60 students enrolled. Two - Full - days 'Flash' animation and
architectural diagramming workshops for 30 students each day that provided
foundation principles for design.

• **Spring Quarter 2000**

Arch 353 (Architecture Design) – "Dance Movements" Distance Learning
Interdisciplinary Collaboration with Graduate Students in Dance and Choreography
from University of California/Irvine. "Martin Luther King Memorial International
Competition, Washington DC". "Spiritual Center for the Study of Architecture, San
Francisco, CA

Analog Digital Language of Vision (ADLV) Workshop March 29th – April 1st, 2000. Two outside faculty invited to work with instructor. College gallery space (05-106) turned into design studio for four-day workshop. 65 students participated in 20 teams (2nd, 3rd, 4th and 5th year architecture students, plus students from planning, landscape architecture and art & design departments were grouped into teams of three.

Arch 342 (Architecture Practice) – “Building Packaging” –

Use of Immersive Visualization (IV) technology (a.k.a., *virtual reality*, using head-mounted goggles) in an interdisciplinary collaboration between the architecture and computer science departments. Allowed architecture students in Arch 351/341 to collaborate with computer science students in Professor Erika Roger's, Human Computer Interaction course. This activity allowed architecture students the ability to inhabit their developed design projects and understand the implications of their design decisions. And allowed computer science students to document and study student behaviors in this environment.

Arch 480 – Special Studies in Architecture (One 4th year design student)

• **Winter Quarter 2000:**

Arch 351 (Architecture Design) - “United States Embassy National Design Competition”, sponsored by the ACSA and the US State Department: 4 Sites: Uganda, Korea, Jamaica, and Croatia.

One student project selected for an honorable mention.

Arch 480 – Special Studies in Architecture (4-4th year design students)

• **Fall Quarter 1999:**

Arch 351 (Architecture Design) - "Blues Memorial" for the University – Analyzed blues song (by Billie Holiday) provided the foundation for developing a series of "blues" architectural spaces for the Campus.

Arch 341 (Professional Practice) - “Details of Life - Script” – Development of life as movie script, looking to the past, present and future. Script evolved into the development of an architectural building detail and provided a foundation for discussion about morals, values and professional ethics.

Arch 480 – Special Studies in Architecture (2 - 4th year design students)

• **Summer Quarter 1999:**

High School Introduction to Architecture Program - 40 students enrolled — Two - half-day Web Authoring workshops for 20 students each, provides foundation knowledge on using the Web as a tool for exploring design principles for architecture. High school students develop Web animations set to music of their design projects developed in the program. Published work allowed each student's family members view work, and students (and family members) were able to post comments online reflecting on what was learned from workshop.

• **Spring Quarter 1999:**

Arch 351 (Architecture Design) and Arch 342 (Architecture Practice) - "Dance Traces" Distance Learning Interdisciplinary Collaboration with Graduate Students in Dance and Choreography from University of California/Irvine, plus "Blues Memorial" Project for Cal Poly Campus Immersive Visualization System (IVS) (a.k.a., 'virtual reality' using head mounted displays) technology. An interdisciplinary collaboration with the Computer Science Department allowed Architecture Students the ability to inhabit their developed designs and for computer science students to assist in first studying the design process and then developing the application for configuring computer models for IVS immersion.

• **Winter Quarter 1999**

Arch 352 (Architecture Design) - "Connections" Web-based Collaboration with the University of Utah and University of Oregon

- **Fall Quarter 1998**

Arch 351 (Architecture Design) and Arch 341 (Architecture Practice) - "A Library for the Next Millennium", Association of Computer Aided Design In Architecture (ACADIA) International Design Competition (1 student finalist for international competition - 1 out of 50; and five additional student projects recognized in the top 100 projects entries)

Independent Study Course (Arch 480) - "A Mental Health Facility" (2 Students); WQ '98 - SQ '98, "Redesign of Architecture Department Web Site (3 students), "Development of Architecture Student Web Magazine Prototype" (3 students), "Computer Modeling of Four Vernacular African-American Farm Structures" (2 students).

5th Year Student, Scott Neville, "A Digital Library". An extension to Cal Poly's Kennedy Library.
- **Summer Quarter 1998**

High School Introduction to Architecture Program
- **Spring Quarter 1998**

Arch 353 (Architecture Design) and Arch 342 (Professional Practice) - "A Spiritual Center for the Next Millennium"

Arch 480 – Special Studies in Architecture –
National Institute of Architectural Education (NIAE) Manhattan, New York East River Competition, "Design of a Future City" (2 - 3rd year students)

Architecture X467, "World Wide Web as Design Tool"
- **Winter Quarter 1998:**

Arch 352 (Architecture Design) - "A Houseless Vehicular Community Center"
Architecture X467, "World Wide Web as a Design"
- **Fall Quarter 1997:**

Arch 351 (Architecture Design) – "Memorializing an African American Farming Community"

Arch 480 – Special Studies in Architecture –
[Year long senior project] (1 - 5th Year Student), "An Outpost on Mars", Ben Korman
- **Architecture X467, "World Wide Web as a Design"**
- **Summer Quarter 1997:**

High School Introduction to Architecture Program - Web workshop
- **Spring Quarter 1997:**

Independent Study Course (Arch 480) - "Design of a Future City" (two students) and "A Wedding Center" (1 student)
- **Winter Quarter 1997:**

Arch 352 (Architecture Design) - "Skin Modulations"
- **Fall Quarter 1996:**

Arch 351 (Architecture Design) and Arch 341 (Architecture Practice)
- **Spring Quarter 1996:**

Arch 353 (Architecture Design) and Arch 341 (Architecture Practice) - "Design of a Gallery Space for a Paradoxical Character" (title taken from Oliver Sack's, "Anthropologist on Mars")

Arch 480 – Special Studies in Architecture –

"Bio Tech Center at UC San Diego, CA" (1 - 4th year student) &
"House on A Hill in Los Angeles, California" (1 - 4th year student)

- **Winter Quarter 1996:**
Arch 452 (Architecture Design) " and Arch 442 (Professional Practice) -
"Collaborative Architecture & Landscape Architecture Urban Design Studio"
- **Fall Quarter 1995:**
Arch 351 (Architecture Design) and Arch 341 (Architecture Practice) "World
Wide Web Museum"
- **Spring Quarter 1995:**
Arch 353 (Architecture Design) & Arch 342 (Architecture Practice) "Kit-Of-
Parts-For-Design-&-Construction" and "The Juice Competition" - A Memorial
Against Violence and a Garden For Peace".
- **Winter Quarter 1995:**
Arch 452 (Architecture Design) " and Arch 442 (Professional Practice) -
"Collaborative Architecture & Landscape Architecture Urban Design Studio"

Major revisions and Innovations in Existing Courses

Annual "Best of Show" Third Year Final Review of Selected Student Work, from WQ '07 – present. Outside reviewers invited to jury student work.

FQ 1997 – Present

The Collaborative Integrative-Interdisciplinary Digital-Design Studio (CIDS) provides the opportunity for architecture students to participate in interdisciplinary collaborations with a range of different departments (english, new media arts, liberal arts in engineering studies, computer science, architectural engineering, construction management, landscape architecture, etc). The range of community projects that students have been involved with for the design and construction of a range of community projects include: temporary theatres, shade structures for local public schools, design studio workstation prototype, etc.

SQ 2000

Analog Digital Language of Vision (ADLV) Workshop (4 days), First week of Introduction (working with two visiting professors) of hybrid (traditional and digital media) design analysis strategies with 65 2nd-5th year students.

SQ 1998

Developed the large format printing procedures to allow students to printout large scaled (4' x 8') digital interior images of design projects.

WQ 1999 ARCH 352

Web-based Collaboration with the University of Oregon and the University of Utah Student teams from each University collaborated via the Web in the development of an architecture project.

SO 1997 to present

Developed an assessment tool to assist students with their self-paced performance in the design studio. Students required to send weekly e-mail reflective journals to instructor on Fridays. Students answer four questions: (1) what have you learned this week, (2) what are your plans for next week, (3) what role did technology have in your learning and (4) what else is going on in your life (interests, hobbies, etc),

FQ 1997 to present

Developed an assessment tool for students to develop a stronger framework for accepting criticism of their design work. Daily, students generate a question and collaged image respond to 44 suggestions, in a small sketchbook, regarding how to use the feedback they receive on their project design process.

SQ 1998

Collaboration with the Computer Science Department (with Associate Professors Lew Hitchner and Erika Rogers) using "Immersive Visualization" technology to improve classroom learning. Computer science and architecture students to collaborated using cutting-edge visualization tools in the early stages of the design process.

SQ 1996

Incorporation of Sun Microsystems's Distributed Learning Environment into Arch 342 (Professional Practice Course) to expose students ways of collaborating virtually. This activity provided the foundation for developing an experimental course, Architecture X467, 'World Wide Web as a Design Tool', taught from 1997 – 1998, and the developed prototype online continuing education courses.

FQ 1995

Introduction into the design studio courses, the World Wide Web as a method for students to obtain criticism from persons (e.g., professionals, faculty, students, and general public) outside the University.

March 1995 CD-ROM, "Capacity for Criticism"

Students' exposed to 'other ways of seeing' jury feedback (project criticism) in the design studio learning environment.

General Revisions and Innovations:

Worked with Skidmore Owings and Merrill (SOM), in San Francisco, CA to develop a specialized professional studio program (students will obtain both academic credit and will work as interns in the office), starting Fall 2009. The focus of this design studio and internship will be the design of advanced high rise structure.

Developed out door student review system (to interface with the general public) with portable panels, Fall Quarter 1997 to present

Developed end of the quarter evening student outdoor reviews, Spring Quarter 1995, Fall Quarter 1995 and Winter Quarter 1996.

Developed a strategy for integrating advanced technology tools into all of instructor's courses with the development of the Collaborative Integrative-Interdisciplinary Digital-Design Studio (CIDS), Cal Poly Plan I Funded, 1996 - '97

Established student learning assessment strategies for the architecture design studio (Fall Quarter 1996 to present):

- Weekly reflective email journals to the instructor
- Daily aphorisms response to a list of 44 statements on 'receiving criticism'
- Weekly online reading analysis and commentaries

New Course Preparation

Interdisciplinary (Architecture, Architectural Engineering, and Construction Management) Fourth Year Design Studio, Co Taught with Kevin Dong (ARCE), Mark Cabrinha (ARCH), James Doerfler (ARCH), Mike Montoya, 2008 & 2009 Winter and Spring Quarters

Two online prototype courses developed for practicing architects to take continuing education courses via the Web. Audience initially focused on (but not limited to) architects in industry. May 1997 – 2001
"Prototypes for Web Courses" in collaboration with Jim Franklin:

- Prototype #1 - '97 - '98 — Project Management Course
- Prototype #2 - '99 -'00 — Project Fees

Architecture X467, 'World Wide Web as a Design Tool', 1997 - 1998

Curriculum Development

Curriculum Committee Chair 2007 - 2008, Streamlined first year design sequence, established 4th year portfolio requirement and working evaluation rubric

Curriculum Committee Chair 2000-2002, Development of a plan for a first professional degree master's program

Chair 2005 – 2007, Curriculum Area Coordinators Ad Hoc Group
Developed Draft White Paper

Student Research Supervised

Supervised a range of third, fourth and fifth year independent study projects and graduate student projects

Independent Study Projects (Arch 480) (Selected)

Eric Shawn Dillion, collaborating with Scott Mosbacher, Arce Senior Project Student to assist in the development of as built drawings and propose needed design modifications of a 1930s Julia Morgan chalet, owned by the Hearst family and is located at their private vacation retreat at the base of Mt. Shasta, WQ '09

Rachel Glabe, Cladding System Study, WQ '09

Rachel Glabe and Greg Taylor, Develop High Resolution Computer Animations for the Lumeire Ghosting Project Portable Design Build Theatre Project, SQ '08

Jenny Chang, Fifth Year Student, designed and built two side workstation tables for third year design studio

Rachel Glabe, Pediatric Rehabilitation Center (received a national award (second place) for this project), Manhattan (Chelsea District), NY, FQ '07

Greg Taylor (received a national award (honorable mention) for his project), Katsu Shigemii, Yiling Deng, Steel Museum National Design Competition (ACSA/AISC), Pittsburgh, PA, FQ '06

Martin Nerurkar (exchange student from Germany), The Design of a Gaming Environment, SQ '06

Hugo Martinez, Design Studio Workstation Prototype, SQ '06

Elizabeth Gomes, "Inforum", *as a new kind of civic gathering place* International Design Competition, FQ '01

Bill Bradfield, "Inforum", *as a new kind of civic gathering place* International Design Competition, FQ '01

"A Mental Health Facility" (2 Students), WQ '98

"Redesign of Architecture Department Web Site (3 students), SQ '98

"Development of Architecture Student Web Magazine Prototype" (3 students), SQ '98,

"Computer Modeling of Four Vernacular African-American Farm Structures" Adriana Cuellar, SQ '98

National Institute of Architectural Education (NIAE) Manhattan, New York East River Competition, "Design of a Future City" (Golan Hod & Whitney Moon - 3rd year students)

Committee Chair:

Fifth Year

Rachel Glabe, Seismology Center in San Francisco, CA, Expected BArch June 2009
Worked with the student to develop a new model for fifth year thesis project, that allowed for industry consultation. This is the first thesis of it's kind, since student was allowed to participate in the accelerated thesis program (Ansgar, Cabrinha, Doerfler) and to participate in a summer internship @ SOM/SF that allowed for consultation from industry experts (structural, environmental and mechanical engineers). Expected graduation is BArch June 2009.

Darric McCormick, "Immersive Visualization Center" for Cal Poly, BArch June 2001

John Moyer, "A Water School" in Santa Barbara, California, BArch June 2001

Scott Neville, "A Digital Library", BArch, June 1999

Ben Korman, "Outpost On Mars", Use of Virtual Reality in the process of design, BArch, June 1998

Graduate Architecture Program (Master in Science in Architecture)

James R. Franklin, FAIA, "Transformative Project Practices for Architects, MS June 1999

Colby Seongwu Jo, "Architecture and Graphic Interfaces on the Internet", MS June ?

Committee Member:

Barry Williams, " _____ ", Master of Science in Architecture, MS June 2002

Nathaniel Walker, "A Home-Based Business Model for: Sales and Dimensions, MS June 2000

Barbel Hoffman, "Color Opportunities in Modern German Architecture", MS June 2001

Margit Broichmann, "Graphic Representations in Architecture", MS June 1998

James McKenzie, "Collaboration: An Effective Approach For Building In Dynamic Environments", MS December 1999

Alan G. Gin, "The Bridging Project Delivery Method: For Complex Multi-Million Dollar Sector Projects", MS June 1999

Bo Bi, "Turning Risks and Uncertainties into Opportunities - How Design Professionals Work in China", MS June 1997

Julie Cantano, MS December, "Business Management Systems for the Design Professions in the Building Industry", MS June 1996

Reed Onate, MS expected June 1997, "The Role of Planners in the Next Millennium", MS June 1995

Brad Cox, "A School Administrator's Facilities Guide", MS June 1997

Tricia Kain Hogey, A school Administrator's Facilities Guide", MS June 1997

Student Advising

Architecture Department Advisor, 1-2 hours a week, WQ 1997 to present

African-American Environmental Design Student Association (AEDSA) Student Organization, Faculty Advisor, WQ 1997 to 2000

American Institute of Architecture Students (AIAS) Student Organization, Faculty Advisor, FQ 1997 to FQ 1998

"Open House" Ad Hoc Committee, Faculty Advisor, WQ & SQ 1996, SQ 1997

"Scarb" Student Organization, Faculty Advisor, Spring Quarter 1995 to Present

"Living & Learning Program", Faculty Advisor, Sequoia Hall (Freshman Dormitory), Fall Quarter 1996 - Spring Quarter 1997

Current Instructionally Related Projects

Lumeire Ghosting Portable Theatre Design Build Project in collaboration with Liberal Arts and Engineering Studies (LAES) [David Gillette] Program and the Computer Science Department [Franz Kurfess]

Studio Main Desk and Side Table Prototype Project

Full Scale Cladding MockUp Project

Architecture Department's Student Work Archive Room Project (first phase completed 2004). Designing and constructing shelving system and database for permanent student/faculty work archive for the department

Invited Lectures, Workshops, Presentations, Juries and Paper Referee

Presentation, "Collaborative Integrative-Interdisciplinary Digital-Design Studio (CIDS) and Overview of the College of Architecture and Environmental Design", University Parents Council, October 2008.

Presentation, "Establishing a Physical-Digital Media Framework Using Bauhaus Principles For Integrating Building Technology into Studio Design Projects", Graduate School of Architecture and Urban Design, Chaoyang University of Technology, Taiwan, November 2003.

Co-Chair Digital Media in Architecture Session, Association of Collegiate Schools of Architecture (ACSA) Annual Meeting. Louisville Kentucky 2003

Presentation, "NAAB Team Chair Training", Chicago, IL 2005 & Salt Lake City, UT 2006

Invited Panelist/Presenter – "Assessing Resources Satellite Event, Live International Video Conference On Successful Uses of Online Technology in the Classroom", Sponsored by Public Broadcasting Systems (PBS) and Florida Community College, Jacksonville, Florida April 12, 2002.

Juror, Far Eastern International Digital Architectural Design Award (FEIDAD), 2001 - 2007

Paper Referee For ACADIA Annual Conferences '99 & '00, '03 and Selected Moderator for "Computer Media RePresentations" session, October 29-31 1999.

Analog Digital Language of Vision (ADLV) Key Note Presenter and 3 Day Workshop Participant (with two faculty from other Universities: Associate Professor Julio Bermudez, Univ of Utah, SLC, and Professor Bennett Neiman, Univ. of Colorado @ Denver at the University of Utah) Salt Lake City, October '01.

One-day Focus Symposiums 1998 - 2001 InterSymp International Conference On Systems Research, Informatics and Cybernetics, Baden-Baden, Germany

"Collaborations In Higher Education", Panel Participant w/ Andrea Polli, Robert Morris College, Mary Murphy, The Chicago Cultural Center, and Neil B. Rolnick/Branda Miller, Renselear Polytechnic Institute, SIGGRAPH 1998 International Conference on Computer Graphics and Interactive Techniques, Orlando, Florida, July 19-24, 1998

Paper Referee for The Arab Society for Computer Aided Architectural Design (ASCAAD), 2006 - 2008

Paper Referee For Digital Media Submissions for Association of Collegiate Schools of Architecture (ACSA) Annual Meeting Paper Submissions, 1997 & 1999

Invited to participate in the Studio Culture Summit, University of Minnesota, May 2005

Focus Group Participant, American Institute of Steel Construction (AISC), Chicago, IL, 2004

Studio Culture Presentation and Panel, 2004 AIAS Forum, Chicago, IL

Invited Panelist/Presenter – "Assessing Resources Satellite Event, Live International Video Conference On Successful Uses of Online Technology in the Classroom", Sponsored by Public Broadcasting Systems (PBS) and Florida Community Collage, Jacksonville, Florida April 12, 2002.

"Diagramming (analog <-> digital) as Design Thinking Frameworks(s)" Presentation, "Enchantment of Drawing (Representation)" Seminar, Cal Poly, San Luis Obispo, CA, Hearst Memorial Lecture Series, October 13th, 2000

"Immersive Visualization Interdisciplinary Project" Presentation, CAED Dean's Brown Bag Session, May '00,

"A Teaching Model for Design [the architecture design studio]", Presentation to the College of Engineering Faculty and Administration, Cal Poly State University, SLO, CA, February 2, 1999

"World Wide Web as Design and Collaboration Tools for 21st Century Practice", American Institute of Architects (AIA), Convention, San Francisco, CA, May '98.

"Internet, Intranet, Extranet: New Methods For Collaborating On The Web, American Institute of Architects (AIA), Convention, San Francisco, CA, May '98.

Referee For Digital Media Submissions for Association of Collegiate Schools of Architecture (ACSA) Annual Meeting Paper Submissions, November 1997.

Interactive Learning Institute Workshop, Speaker, "Using the Web in the Classroom", Cal Poly State University, SLO, CA June 21 & 22, June 1997

"Virtual Worlds" Presentation, American Institute of Architects (AIA), Convention, New Orleans, LA, May '97.

"Using the Web in Architectural Education", American Institute of Architects, Third Annual Diversity Conference, "Crossing Lines: Designing Solutions" Boston, MA, August 23 - 25, 1996

Design Evaluator for Web Course in a Box, Institute for Academic Technology / University of North Carolina @ Chapel Hill, Participant, July 1996, Raleigh, NC

Invited Participant, Cal Poly President's Cabinet Meeting
"Use of Technology in the Classroom", March 25, 1996

"Design Web Chats — Creating a Virtual Design Community"
Institute for Academic Technology / University of North Carolina @ Chapel Hill, February 19, 1996, Raleigh, NC

Evaluator for Web Course in A Box Committee, Partner's for a Distributed Learning New Orleans, LA, January 1996

"Distributed Tutored Video Instruction" Pilot Program, Sponsored by SUN Micro Systems, Fall Quarter '95 to fall '97, Cal Poly, SLO

"Other Minds about Criticism", Presentation of Multimedia Computer Application Created Winter Quarter '95 of Research compiled re Architecture Juries. Speaker, April 6, 1995, Cal Poly, SLO

"Text as a Site for Cultural Discourse",
Collaborative Charrette with Design Studio and Visiting Fellows from Florida A&M University (Carminia Sanchez and LaVern Wells Bowie) April 10-14, 1995, Cal Poly, SLO

Juror for ACSA Faculty Design Projects, November 1999 and Moderator for "Faculty Design Projects II: Kits-of-Parts", ACSA Annual Conference, March 11-14, 2000

Referee For ACADIA Annual Conference, and Selected Moderator for "Computer Media RePresentations" session, October 29-31 1999

"A Teaching Model for Design, the architecture design studio"
<http://cids.calpoly.edu/XINDEX/designstudioSLIDES/>
Presentation to the College of Engineering Faculty and Administration, Cal Poly State University, SLO, CA, February 2, 1999

Professional Conferences/Workshops Attended

California American Institute of Architects Monterey Design Conference, FQ '04

Chair, Focus Symposiums on the use of the World Wide Web, InterSymp Conferences, Baden-Baden, Germany, Aug '97 – '00

ACSA Annual Meetings:

Houston, TX, March 2008
Los Angeles, California, March 2000
Minneapolis, MN March 1999
Cleveland Ohio, March 1998
Dallas, Texas March 1997

AIA Annual Conventions:

San Francisco, CA, May 2009 (proposed)
Boston, MA, May 2008
San Francisco, CA, May 1998

Teaching Effectiveness Class, with Don Mass, WQ '98

SIGGRAPH '98, Orlando, FL, July '98

World Movers Conference, "Virtual Reality Modeling Language" (VRML)
San Francisco, CA, January 1997

AIA Convention, New Orleans, LA, May 1997

AIA Diversity Conference, Boston, MA, August 1996

Syllabus '96, Sonoma, CA, July 1996

Cranbrook Teacher's Conference, June 1996

Distributed Learning Environments Workshop, San Diego State University, June 1996

AIA Convention, Minneapolis, MN, May 1996

Participation in Professional Associations and Organizations

Committees/Activities

University

WASC Committee, Interdisciplinary Student Learning, 2008 – 2009

Presentation of CIDS Research to the University Parents Committee, October 2008

Internal Reviewer for Art & Design, Spring 2006

Presentation to Professor Nancy Clarke's Honors 101 Course, "Immersive Visualization", FQ '00

Presentation to President's Baker's Seminar Course, "Immersive Visualization", WQ '00

Presentation to President's Cabinet committee on "Raising Funds for the Centennial Campaign".
Title of presentation, "Immersive Visualization Interdisciplinary Collaboration", WQ '00,

Invited Participant, Cal Poly President's Cabinet Meeting, "Use of Technology in the Classroom",
March 25, 1996

Presentation to Paul Orfalea founder of Kinko's Copy Centers. Title of presentation, "Immersive
Visualization Interdisciplinary Collaboration", WQ '00

Presentation to a member the President's Cabinet, from IBM. Title of presentation, "Immersive Visualization Interdisciplinary Collaboration", SQ '00

Collaborated with the University's Advancement Office and Lew Hitchner and Erika Rodgers from Computer Science Department in developing an Immersive Visualization (a.k.a., 'virtual reality') Center for the Campus, 1999 - 2001

CTEL (Center for Technology and Learning a.k.a., Northwest complex or Media Union) Committee for Kennedy Library Expansion, 1999 - 2000

Allensworth Mentoring Program (2 students a year), sponsored by the Black Faculty and Staff Forum, FQ '96 - present

Living and Learning Center Advisor (Sequoia Hall), 1996 - '97

Provost's Forum, '96 - present

Black Faculty and Staff Association (BFSA), member from WQ' 95 - present

Provost's Instructional Development Committee, FQ 1998 – present

Invited Participant to Present to SUN Micro Systems, October '98

Provost's Study Group, WQ & SQ '98

University Library Committee, Long Range Planning Committee, WQ & SQ 1998

Faculty Workstation Program (FWP) Committee, 1998-'99

Western Association of Schools and Colleges (WASC), Technology Committee, Researched and Drafted the Assessment component of Report submitted to the Provost SQ '99, committee member 1998 - present

CAED representative to the Instructional Advisory Committee on Computing (IACC), Sept. '97 – June 2000

"Using the World-Wide Web to Enhance Education", Interactive Learning Institute Workshop, Speaker,
"Using the Web in the Classroom", Cal Poly State University, SLO, CA June 21 & 22

Provost's Forum on Teaching, Learning, and Educational Mission, member Fall Quarter '96 to present.

Distance Learning Task Force, FQ '96 to SQ '97.

World Wide Web Policy Committee, WQ '95 to SQ '96.

CAED representative to the Fairness Board, FQ '95- SQ '96 (Served 2nd year of 2 yr. term)

College

Selected to Participate on the College's Technology Committee, 2007 – present

Selected to Participate on the College's Interdisciplinary Teaching/Learning Committee, 2007 – present

Presentation to CAED Foundation, on the interdisciplinary work of CIDS, Spring 2006

Interviewed for the Discovery Chanel's Feature on the Cal Poly Canyon, "It's Christopher Lowell Show", 06.12.03.

Presentation, "Enchantment of Drawing (Representation)" Seminar, Cal Poly, San Luis Obispo, CA, Hearst Memorial Lecture Series, October 13th, 2000

Presentations to CAED Advisory Council:

“Auto Cad Training Facility Fundraising Proposal”, WQ '00

Raised approximately \$11,000 towards the purchase of equipment from this presentation

“Immersive Visualization Project”, SQ '00

“Web-Based Continuing Education Courses (in collaboration with Jim Franklin), SQ '00

“Establishing web Site for Continuing Education Courses, SQ '97

“Design Web Chats” and “Distributed Tutored Video Instruction”, WQ '96

Development of the AutoCAD Facility donor letter and budget in collaboration with Art Chapman, John Cotton and Roberta Minkler, FQ '99

College Web Site Redesign (with Walt Bermer and students; Brent Freeby and Danny Fuergerson), SQ '98 – FQ '98

Dean's Brown Bag Sessions: May '00, “Immersive Visualization”, and May '98, “Computers in the Classroom; Pro and Con” (with Mike Botwin)

CAED Long-Range Planning subcommittee for planning the alumni and faculty retreat for March '98, FQ '97 - March '98

Web-master for College Web Site, FQ '96 - FQ '98

Faculty Advisor, College Wide Student Open House Committee, SQ '96

CAED representative on the University's Student Academic Grievance Committee

Department

Chair, Architecture Department Curriculum Committee for '07 – '08

Faculty approved to streamline the First Year Design Sequence and 4th year portfolio requirement

Chair, Architecture Department Curriculum Committee for '00 – '02

Faculty approved in concept moving forward with the development of Masters Program

Chair, Architecture Department NAAB Committee, 2003 – 2005:

Wrote the Architecture Program Review (APR), the Program's Internal Review Report & Prepared the Team Room and Department Exhibition of Faculty/Student work

Third year Architectural Design Curriculum Committee Representative, FQ '97 – present

Third Year Coordinator, FQ '95 – present

Started “Best of Show” Final Reviews (WQ '07, '08, '09) of Selected Student Projects [Outside reviewers invited to discuss and critique student projects]

Developed a Third Year Annual Review and Discussion of Student Work, FQ '96 and '97

Developed the building program for the “Third Year Student Design Competition, Sponsored by the Anderson Family

WQ '00 — '08 “ Range of Competition Programs Developed

SQ '99 — “CAED Gallery Renovation”

SQ '97 — “A Gallery for the Architecture Department (in Engineering West)”

SQ '96 — “ Capturing the Third Year Experience

Member of the Architecture Department Computer Committee, FQ '96 - present

Executive Master's Program Lecture, San Francisco, CA, July '98 & WQ '97

Architecture Computer Curriculum Instructional Area Committee, FQ '95 to present

Association of Collegiate Schools of Architecture (ACSA) Councilor, SQ '97 – SQ '99

Department Honor's Program Mentor (2 students a quarter), SQ '96 – SQ'98

Re design (working with three students) of Architecture Department's Web Site and development of on-line database for faculty information FQ '97 SQ '98.

Open House Demonstrations of Collaborative Interactive Design Studio (CIDS) computer facility, SQ '97, '98, '99, '00.

Development of an architecture student on-line Web magazine prototype (with students: Brent Freeby, Shawn Doupner, Arthur Chang), FQ '97 to SQ '98.

High School Introduction to Architecture Program, Lecture on Architecture Profession and SLO Field Trip, SQ '96, Workshops on use of Web applications, Summer 1997 - 2003

Developed Web Page for "High School Introduction to Architecture Program", WQ '96.

Graduate and Executive Master's Program Involvement: Chair for two thesis committees and have served on over 20 committees from WQ '96 to present.

"Web Use in the Classroom" presentation to faculty in the Architecture Department, Spring '96

Academic Advisor for the department for an hour a week, WQ '97 to present

Mentors on average 25 students and alums annually providing feedback on their academic and professional work portfolios and writing letters of support for graduate school and jobs.

Advising Committee Member, WQ '97 to Present

Honor's Program Mentor Participant from SQ '96 to present Mentor to six students.

Faculty Advisor to student organizations:

African-American Environmental Design Student Association (AEDSA) (WQ '97 to '01)

Scarab (SQ '95 to '01)

AIAS (FQ' 97 to SQ' 98)

Memberships

American Institute of Architects (AIA), from 2008 – present (and from 1990 – 2000)

Association for Computer Aided Design In Architecture (ACADIA), from 2000 to present

National Organization of Minority Architects (NOMA), from 2008 - present

Outside University (Professionally Related)

Chair of the NAAB's Evolving Conditions and Student Performance Criteria Task Group, 2007 – 2009, in preparation of NAAB Architecture Review Conference in 2008

External Review Evaluations

- University of New Mexico, Architecture Department, September 2007, Tenure/Promotion Review (Assistant to Associate Professor)
- University of Utah, Architecture Department, October 2006, Third Year Retention Review
- University of New Mexico, Architecture Department, September 2005, Tenure/Promotion Review (Assistant to Associate Professor)

Chair of the ACSA's Conditions and Procedures Task Force, June 2004 to July 2006.

Co Chair (w/ Steve Schreiber) of the ACSA's NAAB Conditions and Procedures Task Force, March-June 2004

National Architectural Accreditation Board (NAAB)' Member, ACSA representative, 2006 – 2009

ACSA Secretary, 2004 – 2006

Editorial Board, Chaoyang University of Technology, Taiwan 2005 to present

ACSA Advisor to AIAS National Board of Directors, 2002 – 2004

Invited Panelist/Focus Group Meeting, American Institute of Steel Construction (AISC), Chicago, IL 02.04.04 (2 meetings a year from 2003 – 2005)

National Architectural Accreditation Board (NAAB) Visitations:

- Chair, Florida International University, January 2009
- Chair, Cooper Union, New York, October 2007
- Chair, Art Institute, Chicago, March 2007
- Washington University, St Louis, March 2006
- Chair, Penn State University, February 2005
- Chair; Syracuse University, March 2004
- Chair; University of Colorado, Denver/Boulder, CO, Sept 2003
- Chair; Washington State University, Pulman, Washington, March 2002
- Chair; University of Detroit - Mercy, February '2002
- University of New Mexico, New Mexico, March 2000
- Howard University, Washington, DC, March 1998
- Washington State University, Pulman, Washington, March 1997

Pre Cal Poly

- Tuskegee Institute, Tuskegee, Alabama, March 1989
- Howard University, Washington, DC, March 1988
- Drexel University, Philadelphia, Pennsylvania, April 1987
- New Jersey Institute of Technology, Newark, NJ, March 1987
- Florida A&M University, Tallahassee, Florida, April 1985

Member of ACSA President's Task Force on the Virtual University, SQ '00 – present

Juror for ACSA Faculty Design Projects, November 1999 and Moderator for "Faculty Design Projects II: Kits-of-Parts", ACSA Annual Conference, March 11-14, 2000

Paper Referee (summer 1999) For ACADIA Annual Conference, and Selected Moderator for 'Computer Media Re Presentations' session, October 29-31 1999

Paper Referee (fall 1997) For ACSA Annual Conference held spring 1998, Cleveland Ohio
Chair, International Focus Symposium Chair (for three years), "On Web Framework for Collaborations", InterSymp International Conference On Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, summer 1998, 1999, 2000

Presentation to the California Council on Science and Technology Board of Director's Education Committee, "Using the Web to Enhance the Learning Environment", UC Santa Cruz, May 16, 1996

American Institute of Architect's/San Francisco Chapter (AIA/SF) Convention Web Site Committee, Sept. '96 - May '98

Cal Poly Forum Presenter, "The World Wide Web in Classroom Teaching", August 1996

Design Evaluator for Web Course in a Box, Institute for Academic Technology / University of North Carolina @ Chapel Hill, Participant, July 1996, Raleigh, NC

"Design Web Chats — Creating a Virtual Design Community" Institute for Academic Technology / University of North Carolina @ Chapel Hill, February 19, 1996, Raleigh, NC

Evaluator for Web Course in A Box Committee, Partner's for a Distributed Learning New Orleans, LA, January 1996

Other

Pre Cal Poly Activities:

Young Architect's Selection, Progressive Architecture Magazine, 1994

San Francisco, AIA, Chapter

- Board Member — AIA Associate Director, 1993 – 1994
- Chairman, A.R.E. Seminar Series, spring 1994

"The Urban Environment",
The Role of African-Americans in the Social
& Built Environment
Speaker, October 5, 1991, The University of Michigan
Ann Arbor, MI

Washington, DC/AIA Chapter, 1989 - 90

- Newsletter Editorial Board
- Public Relations Committee
- Produced Video/Song with "Capitol Steps" to promote 1991 Wash., DC National AIA Convention

Task Force on African-American Entrance into the Profession
Speaker, March 1990, Sponsored by College of Fellows Washington, DC

Mississippi Chapter / AIA Design Awards Program 1990
Jury Member, June 1990

Howard University School of Architecture
Jury Member, Thesis Reviews, May 1990

National AIA Convention, St. Louis, Missouri
Panelist, "Design Reviews in Architectural Education", May 1989

National Architecture Accrediting Board (NAAB)
Board Member, September 1986–87

National AIA Executive Committee
Board Member, July 1, 1980–87

National American Institute of Architects Board of Directors
July 1, 1984–85

National Intern–Architect Development Program (IDP) Coordinating Committee, June '84–'85

Director and Proposal Writer for National Design Competitions, sponsored by the NEA

- "Beaux Arts Planning–Revisited", Spring 1985
- "Design for Aging", Spring 1986

"Practitioner Expectations", January 1986
Developed National Survey for the National American Institute of Architects, Washington, DC

Exhibitions: "Traces of a Hidden Culture"
Drawings, Photographs and Artifacts of a Southern Farm
Cornell University, August 13–18, 1989
Funded in part by Cornell's Council of the Creative and Performing Arts

Council of the Creative and Performing Arts,
Individual Awards 1986-89,
"Photographs of a Southern Farm" Johnson Museum of Art, Ithaca, NY

Freewoods Foundation, Myrtle Beach, South Carolina
1988 to 1993—Developed architectural concept for "Farm Museum". Conducted interviews, researched morphology of landscape, and photographically documented remaining artifacts