

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

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

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

Faculty Commencement Speaker, for the College of Architecture and Environmental Design and 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

American Institute of Architecture Students (AIAS) Alumni of the Year Award, 1999

"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

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

Honors/Awards/Selections

Student Work Recognition (Selected)

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 Pittsburg, 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 <architectuweek.com>

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.

Immersive Visualization Project (Virtual Reality), In Collaborative Project between 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

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

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

"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

FormZ Auto-des-sys, Inc Annual Reports for FormZ use in the program, 2003 - 2007

"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

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	\$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
"Fakespace ImmersaDesk", Computer Science and Architecture Departments, Pac Bell, 2000	\$50,000
"Centennial Time Capsule Projects Exhibition", Cal Poly State University, Provost's Office Funds, SLO, CA 2001	\$2,000
"Analog and Digital Language of Vision (ADLV) Design Workshop (w/ the University of Utah and the University of Colorado - Denver) @ Cal Poly State University, 2000, Cal Poly College of Architecture Innovations In Teaching Funds	\$5,000
"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,	\$2,500

Spring 2000

"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

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

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

08WQ ARCH 452

08SQ Experimental interdisciplinary Fourth Year Design Studio Course (ARCH 452) team-taught between Architecture and Architectural Engineering (with Kevin Dong, ARCE, and ARCH Professors Mark Cabrinha, and James Doerfler)

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

FQ 1998 – 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 Microsystem'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:

Outdoor student reviews (to interface with the general public) with portable panels, Fall Quarter 1997 to present

Organized ALL third year exhibits/reviews: Winter Quarter 2008, 2007 and Fall Quarter 1997

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

Integration of 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

Establishment of 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

Experimental Interdisciplinary Architecture and Architectural Engineering Fourth Year Design Studio (w/ Kevin Dong (ARCE), Mark Cabrinha (ARCH), and James Doerfler (ARCH), Winter and Spring 2008

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, Development of program objectives

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

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

Student Research Supervised

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

Fourth Year Independent Study Projects (Arch 480)

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 this project), Katsu Shigemii, Yiling Deng, Steel Museum National Design Competition, 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

Third Year Independent Study Projects (Arch 480)

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

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, "Property development as an investment in the community", MS June 2001

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 Project

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)

Invited Lectures, Workshops, Presentations, Juries and Paper Referee

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

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

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 - 2006
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 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

Teaching Effectiveness Class, with Don Mass, WQ '98

Development of the AutoCAD Facility donor letter and budget in collaboration with Art Chapman, John
Cotton and Roberta Minkler (CAED Director Advancement) FQ '99 – WQ '00

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

SIGGRAPH '98, Orlando, FL, July '98

ACSA Annual Meetings:
Los Angeles, California, March 2000
Minneapolis, MN March 1999
Cleveland Ohio, March 1998
Dallas, Texas March 1997

AIA Convention, San Francisco, CA, May 1998

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

Grants (Not Funded)

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, 1 million dollars

National Science Foundation Grants (1997, 1998, 1999) for the development of a virtual reality laboratory, \$200,000

Participation in Professional Associations and Organizations

University

Art & Design Internal Review, 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

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 Berner 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 NAAB Committee, 2003 – 2005. Preparation of the Architecture Program Review (APR) & Team Room/Department Exhibition of Faculty/Student work

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

Architecture Department Curriculum Committee Chair, FQ '00 to present

Architecture Department Computer Committee Chair, FQ '00 to present

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

Third Year Coordinator, FQ '95 – present

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

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 two hours a week, WQ '97 to present

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)

Association for Computer Aided Design In Architecture (ACADIA)

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, Cooper Union, New York
Chair, Art Institute, Chicago
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,

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

NAAB Team Member

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

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