

CURRICULUM VITAE

January 2017

W. Mike Martin, PhD, FAIA

Professor Emeritus

University of California-Berkeley

Architecture Department

College of Environmental Design

EXECUTIVE SUMMARY

Professor Mike Martin has been an academic for over 45 years, the last 23 years at the University of California at Berkeley in the Architecture Department of the College of Environmental Design. As a faculty member taught and conducted research in Design Methods and Theory. The teaching and research focuses on the study of practice, collaborative design, work-studies of practice, and storytelling as a means of knowledge transfer. Digital media is central to his process of representation of knowledge transfer from practice. His recent book, in collaboration with two other authors, *Design Informed: Driving Innovation Through Evidence-Based Design* is critical to summarizing his work. Has published and presented over 35 papers on the relationship of education and practice, knowledge production in practice, and future trends of the design professions. Was the co-recipient of the 2005 AIA College of Fellows Latrobe Fellowship for Collaborative Research and received an Honorable Mention in the 2002 NCARB Prize for the work on *Building Stories: A Case Study Analysis of Practice*. Current writings include *Integration of Human and Building Performance Through Design Collaboration*, *Fundamental Processes in Concurrent Design and Construction Delivery Systems*, *Progress Through Partnerships: The Changing Profession/Changing the Profession*. Served as the Undergraduate Dean of CED for 11 years and completed a 3-year term as Chair of the Architecture Department from 2003-2006. Was the University of California Systems Education Abroad (EAP) Director for Scandinavia in 2006-2008. He is a Fellow of the American Institute of Architects. Served as President Elect of the San Francisco Chapter of the AIA and was editor of *Architecture California (AIACC)*. He holds an adjunct faculty appointment in the Department of Civil Engineering at Stanford University. Currently serving as a Visiting Professor at the Danish Royal Academy of Architecture and at Denmark's International Studies Program (DIS) teaching design methods and practice courses in Copenhagen, Denmark.

1.0 ADMINISTRATIVE EXPERIENCE

- **July 2006-June 2008**
Director—University of California Scandinavian Study Center, Office of the President-UCOPEAP
Administration of the system-wide University of California study center for student exchanges in Scandinavia, responsible for managing the academic affairs for 65-85 students, and five staff at two centers, one in at the University of Lund, in Lund Sweden, and the second at the University of Copenhagen in Copenhagen, Denmark.
- **July 2003-June 2006**
Chair Architecture Department & Undergraduate Dean—of Environmental Design-UC-Berkeley
Administration of the College undergraduate program and chair of the Architecture Department responsible for, faculty and staff personnel actions & development, curriculum development & coordination, of professional external relations, and admission, 32.5 FTE faculty, 720 FTE students.
- **Aug 1992-June 2003**
Undergraduate Dean/Vice Chair—College of Environmental Design-Architecture Department-UC Berkeley

Department of Architecture, College of Environmental Design University of California-Berkeley Administration of the College undergraduate program and co-chair of the Architecture Department responsible for curriculum development & coordination, of external relations, and admission, 650 FTE students.

- **Jan 1992-Aug. 1992**
Interim Director—Facilities Planning-Cal Poly San Luis Obispo
Office of the Vice President for Business Affairs, California Polytechnic State University San Luis Obispo, CA. Responsible for campus master planning and major capital outlay projects, design and architectural coordination, 6 staff.
- **Aug 1985-Jan. 1992**
Head—Architecture Department-Cal Poly San Luis Obispo
Department of Architecture, School of Architecture and Environmental Design, California Polytechnic State University, San Luis Obispo, CA. Responsible for general administration, curriculum development and evaluation, faculty development and evaluation, external relations and funding, coordination of professional relations, and planning and implementation of the departmental development plan.
- **Jan 1980-Aug. 1985**
Undergraduate Dean—College of Environmental Design-University of Colorado-Boulder
Division of Environmental Design, College of Environmental Design, University of Colorado-Boulder, CO. Responsible for general administration, curriculum development and evaluation, faculty evaluation and development, external relations and funding, coordination and development of research and creative work activities. 16 FTE faculty and 380 FTE students.
- **1973-1976**
Head—Pre-design Professions Department-Kansas State University
Department of Pre-Design Professions, College of Architecture and Design, Kansas State University, Manhattan, KS. Responsible for starting a new two-year pre-professional program for architecture, landscape architecture, and interior architecture students. Responsible for the development of curriculum, faculty recruitment, budget development and management, and coordination with professional degree programs. 27 FTE faculty and 320 FTE students.

2.0 EDUCATION

December 1983

- **Ph.D., Architecture** - Department of Architecture, College of Environmental Design, University of California, Berkeley, CA.
Dissertation Topic: A Conceptual Model of Design Education

August 1971

- **Master of Architecture** - Department of Architecture, College of Architecture and Urban Planning, University of Washington, Seattle, WA
Thesis Topic: Architectural Programming Techniques for the Design and Evaluation of Educational Facilities

December 1969

- **Bachelor of Architecture** (with Special Honors) School of Architecture, University of Colorado, Boulder, CO.
Thesis Topic: A High-Rise Office Complex in Lakewood, CO.

3.0 TEACHING EXPERIENCE

3.1 Teaching Positions:

- **1992-present**--Department of Architecture, University of California Berkeley. Responsible for teaching design theory & methods, the practice of design and introduction to design.
- **2007-present**--Adjunct Professor, Danish Royal Academy of Architecture, Copenhagen Denmark. Responsible for teaching design process and practice and knowledge production methods and theories.
- **2005-present**—Visiting Professor, Danish Institute of International Studies, Copenhagen, Denmark. Responsible for teaching a course on “Methods in Your Design Design Practice.”
- **1990-present**--Adjunct Professor, Department of Civil Engineering, Stanford University. Responsible for teaching a collaborative design studio of architecture, structural engineering, and construction management student engaged in new models of practice.
- **1985-1992**--Department of Architecture, School of Architecture and Environmental Design, California Polytechnic State University, San Luis Obispo, CA. Responsible for teaching architectural design studio design theory and methods seminar, and creative problem solving seminar, visiting critic and lecturer.
- **1980-1985**--College of Environmental Design, University of Colorado, Boulder, CO. Responsible for teaching environmental design studio, social and behavioral factors of design, design methods and theories, perspectives of environmental design.
- **1979-1980**--Department of Architecture, College of Architecture and Design, Kansas State University, Manhattan, KS. Responsible for teaching fourth year architectural design and coordination of the architectural internship program.
- **1976-1978**--Department of Architecture, College of Environmental Design, University of California, Berkeley CA. assisted: Professor R. Lifchez, Professor C. Stoller Responsible for teaching social and behavioral factors as design determinants, and introductory design and drawing.
- **1971-1976**--Department of Pre-Design Professions, College of Architecture and Design, Kansas State University, Manhattan, KS. Responsible for teaching introductory problem solving and design, social and behavioral factors of design, and design theories and methods.
- **1970-1971**--Department of Architecture, College of Architecture and Urban Planning, University of Washington, Seattle, WA. assisted: Professor C. Siligman Responsible for teaching basic design principles and introductory drawing and graphic skills.

3.2 Completed dissertations and theses:

- **Humberto Cavillin**--PhD advisor, dissertation chair, graduated 2007, *Educating the Intuitive Designer: Intuitions and Implicit Learning in Architectural Design*
- **Beatrice Benne**--PhD advisor, qualification exam chair, dissertation committee member graduated 2005 *Techno-Organizational Models to support Construction Industry Work Processes*
- **Amy Elliott**--PhD advisor, qualification exam chair, dissertation committee member graduated 2003, *Computational Support for Sketching and Image Browsing During the Early Phases of Architectural Design*
- **Clara Irazabal**--PhD advisor, qualification exam chair, dissertation committee member graduated 2003, *Curitiba and Portland: Architecture, City Making, and Urban Governance in the Era of Globalization*

- **Tom Spector**--PhD qualification exam chair, member dissertation committee graduated 2003, *Ethics in Design Action*
- **George Elvin**--PhD advisor, qualification exam member, chair dissertation graduated 1999, *Project-Based Collaborative Design*
- **Elijah Mirochnik**--PhD advisor, dissertation chair, graduated 1997, *Teaching in the First Person*
- **Amy Hwang**—M.Arch, thesis advisor, graduated 2010, *Control, Authorship and Liability: Change in the Architect's Role in Collaborative Design and Delivery Processes*
- **Huey Ying Hsu**--M. Arch thesis chair, graduated 2010, PhD Advisor, *Two Case Studies: Kahn & Post-and-Beam Systems*
- **Katherine Speicher**--M. Arch, thesis committee member, graduated 2005, *Constructed Textures and the Cognition of Space*
- **Elena Papparizou**--PhD qualification exam member and dissertation committee member, MSc. advisor and thesis committee member, graduated 2002, *Transfer of Knowledge: A Study of Learning in the Beginners' Design Studio*
- **Tim Stockwell**--MSc thesis committee member, graduated 2001, *Perspectives on the Literature of Collaboration and Design Action*
- **Eser Turan**--M. Arch thesis chair, graduated 1998, *Thinking Design Thinking*

3.3 Courses Taught:

- **University of California Berkeley**
 - Arch 229B--Building Stories, fall -2001-2006, fall, seminar professional practice
 - Arch 207D--Architectural Professional Practice spring 2010-present
 - Arch 10--Advanced Architectural Design, spring-2000-2001, studio
 - Arch 130--Design Theory and Methods, spring-1996, 1999, 2001, 2004, lecture
 - Arch 128--Architectural Internship, fall-1998-2002, 2004-2006
 - Arch 120--The Practice of Design, fall-1995, 1998, 2002, lecture
 - Arch 24—Why Be an Architect?, seminar for non-majors spring 2002-2006, spring 2009-2010
 - ED 11B--Introduction to Design, spring-1993-1998, studio
 - ED 01—Introduction to Environmental Design, spring-1999-2006 an spring 2014, Summer 2009, 2011-14
- **Danish Royal Academy School of Architecture**
 - Masters Studio on Design Theory and Methods 2006-2012
- **Stanford University**
 - CE 138—Design Theories and Methods, summer 2006
 - CE 151--Integrated Collaborative Design, spring 1996-2011
- **Danish Institute of International Studies (DIS)**
 - DIS 120--Design Methods in Your Practice, fall 2009-2011
 - DIS 300—Design Studio, summer 2002-2006
- **California Polytechnic State University San Luis Obispo**
 - Arch 101--Introduction to Design, f all-1986-1988, studio
 - Arch 100--Design and the Profession, spring-1985-1992, lecture
- **University of Colorado Boulder**
 - Envd 200--Introduction to Environmental Design, fall-1981-1985, studio
 - -- Design and People, spring-1981-1985, lecture
- **Kansas State University Manhattan**
 - PDP 100--Basic Design, fall 1971-1976, studio
 - PDP 20--Introduction to Architectural Design, spring-1971-1976, studio
 - Arch 400--Advanced Architectural Design, f all-1978-1980, studio
 - Arch 401--Advanced Architectural Design, spring-1978-1979, studio

4.0 PUBLICATIONS AND RESEARCH

4.1 Publications

- Expert Intuition and Evidence-Based Design, W. Mike Martin, arcCA, California Council of the American Institute of Architects, May 2012
- Design Informed: Driving Innovation with Evidence-Based Design, W. Mike Martin, Gordon H. Chong, Robert M. Brandt, John Wiley & Sons, July 2010.
- “*Different by Design*,” W. Mike Martin, Humberto Cavallin, & Ann Heylighen, The Journal of Artificial Intelligence for Engineering Design, Analysis and Manufacturing, 2007.
- “*Knowledge Sharing in the Wild: Building Stories’ Attempt to Unlock the Knowledge Capital of Architectural Practice*,” W. Mike Martin, Ann Heylighen, The Journal Architectural Engineering and Design Management Oct. 2005.
- “*How to Teach and Archive Tacit Design Knowledge*,” Ann Heylighen, W. Mike Martin & Humberto Cavallin, Design Intelligence, Vol. 11, No.6, June, 2005.
- “*Mind the Gap: Toward Knowledge Exchange Between Practice and Academia*,” Ann Heylighen, Jonas Lindekens, W. Mike Martin, & Herman Neuckermans, NETHCA Colloquium Proceedings: The Unthinkable Doctorate, Brussels (Belgium), April 2005.
- “*Mind-ing the Task: The Role of Context in Usability Research*,” Humberto Cavallin, W. Mike Martin & Ann Heylighen, SID 2005, Proceedings of the 4th Social Intelligence Design Workshop, Stanford (Ca), March 2005.
- “*This is not a Caucus-Race Or Why Upgrades in Software GUIs Will (not necessarily) Make (all) Users (instantly) More Productive*,” Humberto Cavallin, W. Mike Martin & Ann Heylighen SID 2005, Proceedings of the 4th Social Intelligence Design Workshop, Stanford (Ca), March 2005.
- “*The Right Story at the Right Time Towards a tacit knowledge resource for (student designers)*,” W. Mike Martin, Ann Heylighen, AI & Society, 19(1): 34-47, Nov. 2005.
- “*From Repository to Resource: Exchanging Stories of and for Architectural Practice*,” W. Mike Martin, Ann Heylighen, Journal of Architectural Research. Volume 4, Issue 3, August 2004.

4.2 Conference, Workshop, Invited Lectures

- Stories of Practice: Illustration of the Changing Nature and Context of Professional Practice, UC Berkeley Professional Practice Seminar, 2015
- Knowledge Production in the Profession: How is Evidence Illustrated in Design Decisions, Royal Danish Academy, Workshop 2014
- Expert Intuition and Evidence, Department 3 Royal Danish Academy of Architecture, Design, and Conservation, September 2012
- Knowledge Production in the Wild: An Attempt to Unlock the Knowledge Capital of Architectural Practice, Live Projects Symposium, Oxford Brookes University, May 2012
- Searching or Researching: Do Architects do Research?, School of Architecture, Leuven University, Leuven, Belgium October 2011.
- Design Informed: Harvesting Knowledge in the Wild, KA Connect, San Francisco April 2011
- Design Informed: Innovation through Evidence-Based Design, Cal Poly State University, San Luis Obispo, CA. April 2011
- Coastal Tour of California Workshop, Royal Danish Academy Student Faculty Tour Sea Ranch to San Diego + Las Vegas, Feb. 2010.
- “Jumping the Curve: Changes in the Architectural Address,” School Year Opening Address, Royal Danish Academy of Fine Arts School of Architecture, September 2009.
- Building Stories Workshop, Royal Danish Academy, Spring 2006, 2007.

- “Research in Architecture: Perspectives and Paradigms.” Royal Danish Academy of Fine Arts School of Architecture, Copenhagen Denmark, February 2008.
- “The Thick Now: Tracings of Past, Present, and Futures of Environments in Flux,” *ADSL (Antwerp Design Seminars and Lectures)*, Henry van de Velde Institute in Antwerp, Antwerp Belgium January 2006.
- “Knowledge Production in the Wild”, CIB W096 Architectural Management, The International Council for Building Research and Innovation in Building and Construction (CIB), Technical University of Denmark, Lyngby, Denmark, Oct. 2005.
- “Knowledge Exchange in the Wild,” AIA Northwest +Pacific Regional Conference, Seattle, WA, August 2005.
- “*Mind the gap: Toward knowledge exchange between practice and academia*,” the Unthinkable Doctorate NETHCA Colloquium, Brussels (Belgium), April 2005.
- “The student, the Architect, his Intern and her Knowledge,” *EAAE/ARCC Conference—Between Research and Practice*, Dublin Ireland, June 2004.
- “Building Stories Light Workshop, *ADSL (Antwerp Design Seminars and Lectures)*, Henry van de Velde Institute in Antwerp, Antwerp Belgium January 2002.
- “Berkeley’s A/E/C Collaborative Design Studio,” ASCE ICCCBE-VIII 10th International Conference on Computing in Civil and Building Engineering, Stanford University, August 2002.
- “Research in Practice: The Latrobe,” University of Hawaii, Architecture Program, spring 2006
- “Doctoral Education in Architecture,” Association of Collegiate Schools of Architecture, National Conference, Salt Lake City, Utah, April 2006.
- “Building Stories: A Model for Practicum Education,” Ball State University April 2006.
- “Knowledge Production in the Wild,” Keynote Address, Western Regional Conference of the American Institute of Architects, Seattle Washington, August 2005.

5.0 PROFESSIONAL ACTIVITIES

5.1 Professional Registration and Activities

- Advisory Board Member, Architecture Program at Stanford University 2004-2012
- Chair Mentor, NAAB Accreditation Visit, North Carolina State University, February 2006
- Latrobe Fellow of the College of Fellows of AIA 2005
- Chair, of Case Study Prize Selection Committee, Seattle Chapter of the AIA, May 2005
- Co-Chair, NAAB Accreditation Visit, Architecture, Taliesin West, Scottsdale, AZ. March 2005
- Chair, Academic Quality Assessment and Development Report, Department of Art and Art History, College of Humanities and Fine Arts, University of Massachusetts Amherst, Nov. 2004
- Chair, NAAB Accreditation Visit, Drury University Hammons School of Architecture, Feb. 2004
- Chair, Consultants’ Report on the PhD Program in Architecture, School of Architecture & Urban Planning, University of Wisconsin/Milwaukee, May 2004
- Chair, NAAB Candidacy Accreditation Visit, Architecture Department, University of Massachusetts-Amherst, Nov. 2002
- Member California Board of Architectural Examiners Professional Qualification Committee 2002-2004
- Vice/President/President Elect of San Francisco Chapter of AIA 2001/2002
- Chair, NAAB Accreditation Visit, Architecture, Florida A&M University, September 2000
- Chair, NAAB Accreditation Visit, Architecture, Princeton University, February 1999

- Fellow American Institute of Architects 1999
- Interim Director Facilities Planning Cal Poly 1991-92
- Registered Architect, California No. C17038, NCARB Certificate No. 3230
- Member, American Institute of Architects 1984- present
- National A.I.A. Architects in Education, 1985-1990, Chair 1990
- Member National Architectural Education Initiative A.I.A. 1988-90
- President, California Council of Architectural Educators, 1988, 1989
- Chair, California Board of Architectural Examiners Oral Examine Task Force, 1986-88
- Member, ACSA Editorial Board, Journal of Architectural Education 1989-1994
- Editor, Architecture California, AIACC Jan 97-June 1999
- Member, NAAB Candidacy Accreditation Visit, Architecture, Drury College, March 1995
- Member, Architecture California Editorial Board, 1991-1996, Chair 1993
- Member, NAAB Accreditation Visit, Architecture, University of Texas-Austin, February 1993
- CBAE Oral Examination Commissioner, 1985-1994
- Member, NAAB Accreditation Visit, Architecture, Washington State University, March 1990

5.2 Projects and Consultant Activities

1992-2010

- AutoCAD Utilization Study AutoDESK 2008 and 2010
- Office of Undergraduate Admission Utilization Study. Spring 2003
- Martin Residence, 22 Chancellor Lane 1998
- Design Management Consulting Performing Arts Center (\$30mil) and Conceptual Campus Master Plan California Polytechnic State University San Luis Obispo, CA. 94307

1976-PRESENT

- C.E.D.A.R. Architects, (The Center for Environmental Design, Architecture & Research) principal, Manhattan, Kansas, Boulder, CO. San Luis Obispo, CA., & Oakland, CA. Projects have included residential, commercial, and institutional planning, programming, design, construction administration, and post-construction evaluation. Consulting activities include environmental impact analysis, energy audit, life-cycle costing studies and evaluations.

1974-1975

- Environmental Habitat Inc. principal, Manhattan, KS. Projects included residential and commercial planning, programming, design, and construction administration.

1971-1973

- McCullough Design Co., Project Architect, Manhattan, KS. Projects included single and multi-family housing development, design, and construction.

1968-1970

- Facilities Management Office, Univ. of Colorado Boulder, CO., Project Designer, Projects included the interior space planning Porter Science Building, Packer Grill Renovation, Computer Center Renovation and selected space planning projects throughout the University of Colorado facilities on Boulder, Denver, and Colorado Springs campuses. Tasks required coordination of capital programming, design professional and other consultants, review of contract documents, budget management,

client interactions.

- Smith, Hinchman, Grylls, Architecture and Planning, Detroit Mi. Designer and Inspector. Projects included the field design and project management for Phase 1 through 6 of the Manufacturing Buildings, Administrative Center, and the Research and Development Center for I.B.M. Boulder, CO.

6.0 RESEARCH ACTIVITIES

2002-Present

- Latrobe Fellowship: Model of Research in Architectural Practice, College of Fellow of the American Institute of Architects, \$100,000
- Building Stories: Knowledge Production in Practice, University of California, 2012-2015 various amounts-range from \$3000 to \$500.
- Nursing Environments: Evidence Based Design Collaborative Research Project, Chong Parnters Architects \$12,500
- AutoCAD Productivity Studies: The Human Computer Interface, AutoDesk Corporation, San Rafael CA-funded \$67,500.
- Obayashi-Project Based Learning Global Teamwork Network Hub Obayashi Corporation, Tokyo Japan, Sponsored Project, funded \$42,852
- Building Stories: A Case Study Approach to Practice, William Wurster Society College of Environmental Design, Univ of California –Berkeley funded \$9,500

1999-2001

- International Joint Research and Development for Modeling Virtual University, Project-Based Learning Space, A Joint Aoyoma-Stanford-Nihon-Berkeley-Georgia Tech, Unisys MITI Sponsored Project, funded \$295,000, 1999-2000

1997-1998

- Collaborative Design, CIFE, Stanford University, National Science Foundation Synthesis Project, \$65,000 funded, 1997-1998.

1996-1997

- Engineering Research Center, Univ. of California & Stanford University, Joint Proposal, \$1.2 mil for 10 years. Not funded.

1991-1992

- World House Competition Grant, Jim Gregory and Associates, \$25,000, funded

1989-1990

- Architectural Education: The Core Curriculum. American Institute of Architects, \$4000, joint proposal with Roger Schluntz. not funded.
- Personality as Predictors of Conflict Behavior in Collective Design Acts. CARE Grant, CSU \$ 3500, funded.

1986-1987

- Seventh Street Los Angeles, CA. Documentation Project, Community Redevelopment Authority Agency, \$65,000, funded.

1984-1985

- Natural Hazard Data Translation for Public and Private Sector Utilization, Co-investigator with Spenser
- Havlick, Natural Hazard Consortium, Institute of Behavioral Sciences, University of Colorado, \$9800, funded.

1983-1984

- Personality Pre-dispositions & Design Performance, University of Colorado, Office of the Vice for Academic Affairs, \$6200, funded.
- Capital Plaza Redevelopment Competition, Competition Advisor, Principal investigator,

- The Denver Partnership, National Endowment for the Arts, \$25,000, funded.
- Building Science Center, University of Colorado, Grant proposal to the National Science Foundation Research Associate, principal investigators Drs. Ko and Claridge, \$286,000, not funded.

1982-1983

- Evaluation of the University Year for Action Program in Selected Colorado Institutions of Higher Education, Center for Community Design and Development, University of Colorado, \$2800, funded.
- An Appropriate Technology Curriculum at Colorado Mountain College, Glenwood Springs, CO., Co-investigator with Larry Pulso, Kellogg Foundation, \$18,000, funded.
- Proposal for the Utilization and Dissemination of Scientific Information for Energy-Impacted Communities in Western Colorado, Co-investigator Spenser Havlick, Exxon Synthetic Fuels Department, \$127,000, not funded.

1981-1982

- An Analysis of the Effectiveness of Energy Education Workshops on the Design of the Built Environment, Colorado Energy Research Institute, \$3900, not funded.
- Community Base Education: A Boulder Community Design Center, Co-investigators Michael Smith and Mark Murphy, National Endowment for the Arts, \$10,000, funded.
- Organizational Structures and Service Components of Schools of Environmental Design, Office of the Vice Chancellor for Academic Affairs, University of Colorado, Co-investigator Allan Wallis, \$2500, funded

1979-1980

- Accessibility and Historic Educational Facilities, Association of Physical Plant Administrators, \$500, funded.
- Participatory Design Methods in the Social and Physical Rejuvenation of a Historic Neighborhood, Tennessee Town Topeka, KS, Topeka Community Development Association, \$1800, funded
- The Disabled as Consultants in Design Education, College of Architecture and Design, Kansas State University Bureau of Research, \$2500, funded.
- Design Workshop and Proposal for a Solar Addition to the University for Man House, Manhattan, KS. Co-investigator Gary Coates, Kansas Energy Commission, \$50,000, funded and construction completed in November 1981.

1978-1979

- Architectural Design Education with the Handicapped User in Mind, Principal Investigator: Raymond Lifchez, Exxon Educational Foundation, Field-testing instructional materials, \$75,000 funded.
- Intentions, Attitudes, and Assumptions: Their Impact on the Level of Design Task Performance, Bureau of Research, Kansas State University, \$500, funded.

1976-1978

- Mandatory Continuing Education for Architects, Co-investigator Joseph Esherick, Department of Architecture, College of Environmental Design, University of California & the California Office of Consumer Affairs, \$1800, funded.
- Alternative Careers for Architectural Graduates, Association of Collegiate Schools of Architecture, \$800, funded.
- Personality Traits as Predictors of Student's Grades, Center for Instructional Improvement, University of California, \$ 750, funded.
- Continuing Education Requirements for Architects, Hazard and Life Safety in Buildings, National Science Foundation, Center for Planning and Development Research, University of California.

1970-1971

- Evaluation of Selected Primary and Secondary Schools in the State of Washington, Bureau of School Services and Research, University of Washington, \$4500, funded.

7.0 UNIVERSITY SERVICE ACTIVITIES

7.1 University of California-Berkeley

- BAM/PFA Architect Selection Committee
- Council of Undergraduate Deans
- CED Executive Committee
- CED Undergraduate Education Taskforce
- CED Committee on Courses
- University Council on Student Progress
- Architecture Department Ph.D. Committee
- Architecture Undergraduate Studies Committee

7.2 California Polytechnic State University

- University Campus Planning Committee, 1987-1989/1992
- University Academic Planning Committee, 1988-1989
- University General Education Task Force; 1986-1988
- President's Research Committee, 1988
- President's Governmental Relations Committee, 1991

7.3 University of Colorado

- Academic Deans Council 1980-85
- Campus Planning Committee 1984-85
- CAP Executive Committee 1980-85
- Admission Committee 1983-85
- City of Boulder Energy Commission
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8.0 AWARDS

- American Institute of Architects California Council "Honor Award for Excellence in Education 2010."
- College of Fellows of AIA Latrobe Fellowship 2005
- NCARB Prize Spring 2002 Honorable Mention for "Building Stories: A Case Study Analysis of Practice. April 2002
- Special Commendation, AIACC, Editor of Architecture California, 2000
- Fellowship –American Institute of Architects, 1999
- Meritorious Performance Award California Polytechnic State University 1986, 1989
- Stanley M. Tasheira Fellowship Graduate Study University of California-Berkeley.
- University of California Teaching Fellowship for Graduate Study, University of California-Berkeley.
- University of Colorado President's Award 1969.
- American Institute of Architects Pittsburgh Plate Glass Industry Foundation Fellowship Graduate Study.
- Colorado Society of Architects Robert K. Fuller Scholarship Graduate Study,
- American Institute of Architects Third Year Design Certificate.
- American Institute of Architects Medal and Certificate of Merit.
- Tau Sigma Delta Honor Society in Architecture and Allied Arts.