

Curriculum Vita

Julee Herdt

Professor of Architecture

Licensed Architect

BioSIPs, Inc., Owner/Founder

The Architecture Plant, Inc., President

College of Architecture and Planning
University of Colorado
Boulder/Denver
Campus Box 126
P.O. Box 173364
Denver Colorado 80217
303-556-3382

EDUCATION:

Southern California Institute of Architecture, SCI-Arc:

Master of Architecture, M.Arch 1989

**Los Angeles, California and,
Lugano, Switzerland**

“Best Graduate Thesis Award”

Thesis Advisor, Wolf Prix, Partner, Coop Himmelblau, Vienna + Los Angeles.

Thesis project selected from student work on both U.S. and European campuses.

Thesis studies also included research and patent license application for development of engineered molded fiber technology for application in environmental building material development and commercialization.

Work at SCI-Arc reviewed by faculty, architects, and critics including:

*Thom Mayne; Michael Rotondi; Wolf Prix; Helmut Swiczinsky; Neil Denari; Paul Lubowicki;
Tod Williams; Ray Kappe; Kenneth Frampton; Peter Cook (AA/London); Margaret Crawford;
Hans Hollein; Michael Sorkin; Lars Lerrup; Marc Angelil; Fritz Neumeyer; Aaron Betsky;
Craig Hodgetts; Robert Mangurian.*

University of Tennessee, Knoxville, Tennessee

Bachelor of Architecture, 1980

College of Architecture and Design

Awarded “Chancellor's Citation for Extraordinary Professional Promise”

Gamma Beta Phi Honor Society.

Memphis Academy of Art, Memphis, Tennessee

Fine art courses and drawing, non-degree, 1980

University of Louisville, College of Engineering, Louisville, Kentucky

Mathematics, Science and Pre-Architecture, 1977

Western Kentucky University

Bachelor of Science in Industrial Technology

with minor in Interior Design 1975

President's Scholar

PROFESSIONAL LICENSING: Since 1985

PROFESSIONAL EXPERIENCE:

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| 2007 to present | Professor of Architecture, University of Colorado |
| 2007 | Established BioSIPs, Inc. Founder, Owner |
| 2002 | Associate Professor of Architecture University of Colorado. College of Architecture and Planning. Owner, The Architecture Plant, Incorporated |
| 1996-2002 | Assistant Professor of Architecture University of Colorado. 100% Appointment |
| 1992-1996 | Assistant Professor of Architecture University of Colorado. 50% Appointment while pursuing research and commercialization of environmental building materials from USDA technologies. |
| 1992-present | Biobased Environmental Building Materials Research & Commercialization U.S. Department of Agriculture, Forest Products Laboratory |
| 1996, 1997 | Technical Reviewer, United States Department of Agriculture |
| 1992-1995 | Director of Environmental Building Product Development, Architect Gridcore Systems International, Carlsbad/Long Beach, California |
| 1992 | Architect, Coop Himmelblau. Vienna, Austria |
| 1990-1991 | Project Architect, Venice Biennale Project SCI-Arc, Southern California Institute of Architecture. Santa Monica, California |
| 1989-1990 | Project Architect with Morphosis Architects. Los Angeles, California |
| 1988-1990 | Architect, Model Builder. Frank O. Gehry & Associates. Santa Monica, CA |
| 1984-1987 | Project Architect, Gresham, Smith and Partners. Birmingham, Alabama |
| 1984 | Architect, Godsey Associates Architects. Louisville, Kentucky |
| 1981-83 | Architect, Tennessee Valley Authority. Knoxville, Tennessee |
| 1972-1977 | Architectural Intern, Ryan, Cooke & Zuern. Louisville, Kentucky |

REFEREED PUBLICATIONS: RESEARCH

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| 2007 | "Relationship between design and research in the Twenty-First Century." Work included in 2007 Cranbrook Teachers Conference proceedings. |
| 2004 | "Application of EcoSystems Services Criteria for Green Building Assessment" Co-authored with Dr. Victor Olgay. Published by the International Solar Energy Society. |
| 2003 | "How Green is My Building: An Energy and Material Assessment of the Bio-based Farmhouse" Co-authored with Dr. Victor Olgay. Published by The American Solar Energy Society and the American Institute of Architects in the "Solar 2003 Special Issue." Edited by J. Reynolds, R. Perez and D. Renne. "Environmental Design: Industrialized Agricultural Architecture, IAA & The Farmhouse Prototype" American Collegiate Schools of Architecture, ACSA National Conference Proceedings. |

**RESEARCH REVIEWED BY REPRESENTATIVES OF U.S. HOUSING AND URBAN DEVELOPMENT,
PARTNERSHIPS FOR ADVANCING TECHNOLOGIES IN HOUSING, PATH & NEWPORT PARTNERS**

- 2007** **“BioSIPS, A SWOT Analysis”**. Report produced from BioSIP focus group studies held at the National GreenBuild Conference in Denver, Colorado. November.
- 2007** **“BioSIPS, Potential Partners”** Report prepared for the CU Technology Transfer Office by Newport Partners, a representative of HUD and PATH.

REFEREED AWARDS: RESEARCH

- 2008** **Excellence in Research and Creative Activities Award.** College of Architecture and Planning.
- 2007** **AIA Latrobe Prize Finalist.** One of five national finalists in the AIA's highest research prize competition for submittal: “Biobased Building Materials & the Eco-Education Schoolhouse Design and Curriculum.”
- 2004** **“Environmental Leadership Award” from the State of Colorado**
Department of Public Health and Environment. Nominated by the Environmental Protection Agency, EPA, Denver office.
- 2002** **“Research/Creative Activities Award”**
College of Architecture and Planning. Faculty Awards Forum

REFEREED AWARDS: TEACHING

- 2005** **“Mentor of the Year Award”** American Institute of Architects, Colorado North.
- 2003** **“Educator of the Year Award”** Masonic Lodges of Colorado.
- 2002** **“National Faculty Design Award”** American Collegiate Schools of Architecture, ACSA.

PATENT WRITING: RESEARCH

- 2007** **Provisional patent filed with the US Patent Office.** “BioSIPs, Structural Insulated Building Panel.” First College of Architecture and Planning patent in CU history. “BioSIPs” selected for exhibition with 2004/2005 CU patent projects.
- 2006** **Patent Title: “Bio-based Structural Insulated Panel Testing Prototypes, for ‘BioSIPs’ An Environmental, Low to No Petroleum Modular Building System.”**
Co-author with research partner John Hunt, US Department of Agriculture, Forest Products Laboratory. CU-USDA patent collaboration through CU Technology Transfer.

RESEARCH AND CREATIVE SUPPORT

Author and Principal Investigator:

Grants and Cooperative Agreements for development of environmental architecture and green building materials.

- 2008** Cooperative Research and Development Agreement, CRADA, between CU and the U.S. Department of Agriculture, Forest Products Laboratory through State of Colorado, Advanced Technology funds in order to measure and apply fundamental material properties to 3D-engineered fiberboard for BioSIP development. \$44,550
- 2008** State of Colorado, Advanced Technology Fund Research Grant for project entitled: "Diverting Solid Waste into High Performance, Environmental Building Products." \$245,000
- 2007** University of Colorado, Faculty Grant Award. Principal Investigator: "Second Generation BioSIPs: Biobased Structural Insulated Building Panel System Finite Element Modeling, Design Application & Patenting." \$5000.
- 2003** Request for Proposal, 2005 National Solar Decathlon, Accepted for Competition. \$5,000
- 1999** Richard Crowther Environmental Grant Funding. \$7,000.
- 1998** United States Department of Agriculture, Alternative Agricultural Research and Commercialization Corporation: Industrialized Agricultural Architecture; Energy Analysis and Public Relations. \$50,000.
- 1998** University of Colorado at Denver, Faculty Research Award, Research and Creative Activities Committee: Development of a Thermal Performance Toolkit Prototype for Measuring and Evaluating Industrialized Architecture. \$3,169.
- 1998** National Geothermal Heat Pump Consortium, Washington, D.C.: Geothermal Engineering for The Farmhouse. \$2,500.
- 1996** University of Colorado President's Initiative Fund for Technology, Faculty Grant. Co-Principal Investigator: A Toolkit for Technology Enhanced Design Education Grant. Total funding amount of \$66,485 distributed to the co-principal investigators for their individual projects with \$3,500 toward Julee Herdt's project.
- 1994** United States Department of Agriculture, Alternative Agricultural Research and Commercialization Corporation: Commercialization Assistance for Development of Gridcore Products from Engineered Molded Fiber Technology. \$850,000.
- 1992-93** United States Department of Agriculture, Alternative Agricultural Research and Commercialization Corporation: Gridcore Panels from Kenaf. \$50,000.
- 1992-95** United States Department of Agriculture, Alternative Agricultural Research and Commercialization Corporation: Gridcore Panels from Kenaf. \$50,000.

Collaborator on Grants with Others: Environmental Construction and Renewable Energy

2004 Environmental Protections Agency, EPA, grant for proposal of an environmental education facility in Commerce City, Colorado. Principal Investigator: Anu Ranuswami, CU College of Engineering, Denver Campus. Julee Herdt, Co-Principal Investigator. \$10,000

Collaborator & Administrator on Grants Authored by Others: Environmental Building Materials

1995-97 USDA Small Business Innovation Research Grant SBIR. "Replacing Pulpwood and Solid Wood Residues with Wastepaper for Veneer and Fiberboard Panels": Phase II. Commercialization of fiber research and product development from Phase I grant. PI: Dr. Ben Bryant, Professor Emeritus, University of Washington, Seattle. \$179,000

USDA Small Business Innovation Research Grant SBIR. "Replacing Pulpwood and Solid Wood Residues with Wastepaper for Veneer and Fiberboard Panels": Phase I. Panel prototype and testing of Gridcore panels from lowest-grade waste paper sources. PI: Dr. Ben Bryant, Professor Emeritus, University of Washington, Seattle \$50,000

PATENT WORK EXHIBITED: RESEARCH

2005 CU Technology Transfer Awards.

"BioSIPs" selected for exhibition with 2004/2005 CU patent projects.

PRESENTATIONS OF REFEREED WORK: RESEARCH AND CREATIVE

- 2007** Invited speaker and panelist at the 2007 Cranbrook Teachers Conference. Bloomfield, Michigan. Member of the "Design and Research" panel on topic "Relationship between design and research in the twenty-first century."
- 2007** Invited speaker at the National AIA Convention, San Antonio. Topic: "Solar Decathlon: Learning Lab for Education and Practice."
- 2007** Invited presenter to the AIA Latrobe Prize Committee and FAIA Members at AIA national headquarters, Washington, DC. "Biobased Building Materials & the Eco-Education Schoolhouse Design and Curriculum."
- 2005** CU Sustainable Energy Forum
- 2004** International Solar Energy Society Conference
- 2003** National American Solar Energy Society and American Institute of Architects, AIA
- International Interior Design Society, Sustainable Design Event
- Speaker US Green Building Council, Colorado Chapter, Fall 2003. Educational Program.
- 2002** American Collegiate Schools of Architecture National Conference Proceedings.

REFEREED & AWARDED PROJECTS WITH STUDENTS: RESEARCH, CREATIVE, TEACHING

- 2006 **First Place, “Solar Powered Canopy.”** Campus-wide competition.
- 2005 **First Place, “National Green Doll House Competition”**
- 2005 **Awards in the International Solar Decathlon Competition:**
First Place “Overall Winner”
- First Place** “Communications Event Winner”
- First Place** “Documentations Event Winner” with Special Recognition for excellence in Website, Branding, and Competition Publications”
- First Place** “Getting Around”
- “Best Green Design”** BP Solar Award
- “Best Home Construction”** Do It Yourself Network Award
- “Energy Efficiency in Design Award, Second Place”** Home Builders Association, HBA

2002 Awards in the International Solar Decathlon Competition:

- First Place “Overall Winner”**
First Place “Website Event Winner”
“Peoples Choice Award, Second Place”

ENVIRONMENTAL BUILDING MATERIAL DEVELOPMENT, ON-GOING: RESEARCH

- 2003 and underway **“BioSIPs.”** USDA Forest Products Laboratory and CU research, testing, and development of environmental biobased building system, from waste cellulose and soy insulation.

NON-REFEREED RESEARCH AND CREATIVE PUBLICATION: WEBSITE

- 2001-present **The Farmhouse website, <http://thefarmhouse.org>.** Featuring bio-based architecture from U.S. Department of Agriculture sponsored materials and salvaged sources integrated with geothermal systems and renewable energy.

WORK WITH STUDENTS PRESENTED TO PRESIDENT OF THE UNITED STATES AND INCLUSION IN CONGRESSIONAL RECORDS

- 2006 **President George W. Bush and the U.S. House of Representatives.** 2005 CU project presented by Senator Ken Salazar. Entered into Congressional Record in November 2005.
- 2005 **U.S. House Committee on Science**
- 2002 **President George W. Bush and the US House of Representatives.** 2002 project presented by Congressman Mark Udall and entered into Congressional Record.

RECOGNITIONS AND HONORS:

- 2005 **"Colorado Green Leader"**
 Selected by Boulder Green Building Guild
- "Emerging Leaders Program"** Appointed by Dean of the College of Architecture and Planning
- 2004 **"Outstanding Faculty Member Recognition"**
 American Institute of Architects, CU Student Chapter, AIAS.

RECOGNITIONS AND HONORS WITH STUDENTS:

- 2006 **"Campus Environmental Award."** Presented by CU Chancellor P. DiStefano.
- 2005 **"ReWard for Environmental Leadership."** Center for Resource Conservation, Boulder
- 2003 **"Campus Environmental Award."** With Solar Decathlon Team Award. CU.
- 2003 **"Wirth Chair Community Award."** With Solar Decathlon Team Award. CU.

COLLABORATION ON GRANTS WITH OTHERS, FUNDED: ENVIRONMENTAL BUILT WORKS

- 2006 **"Solar Powered Canopy Project."** Project Architect working with students on design and construction of competition winning solar powered building addition. Budget estimated at \$140,000. To be built in 2006/2007.
- 2001-2006 **Fundraising for the 2002 and 2005 Solar Decathlon Projects.** Approximately \$500,000 combined fundraising with students on 2002 and 2005 projects.
- 2004 **"Beyond Green Buildings: An integrated Holistic Design Approach."** Environmental Protection Agency, EPA. Principal Investigator: Anu Ranuswami, CU College of Engineering, Denver Campus. Julee Herdt, Co-Principal Investigator. \$10,000.
- 2003 **"Request for Proposal"** 2005 Solar Decathlon, \$5,000

WORK REVIEWED IN PROFESSIONAL MAGAZINES AND NEWSLETTERS: RESEARCH

- 2007 *Boulder County Home & Garden e-Magazine.* "Refining Recycling." Fall feature article.
- 2005 *In Business Magazine.* "Biobased Materials and Renewable Energy in CU Solar Home."
American Institute of Architects, AIA Newsletter. Interview. February
BioCycle Magazine. "Biobased Materials Team up with Renewable Power."
Automated Builder Magazine. "CU 2005 Solar Decathlon Features New, Leading Edge Technologies."
University of Dartmouth Newsletter. "Solar Homes for Americans with Disabilities."
- 2003 *Boulder County Home & Garden Magazine.* "Taking Green to a New Level."
- 2002 *Front Range Living, On-Line Magazine.* "The Farmhouse: Everything Old is New Again."
- 2001 *Solar Today Magazine.* "CRES Award Winners, Renewable Energy in Buildings 2001."
Building Systems Magazine. "Farmhouse is Environmental Model."

WORK REVIEWED IN PROFESSIONAL VIDEOS: RESEARCH, CREATIVE, TEACHING

- 2003** **Vietnam Urban Environmental Technology Exchange Project Video.** "Colorado Technologies for a Sustainable World."

WORK WITH STUDENTS REVIEWED IN JOURNALS, TRADE MAGAZINES, AND ACADEMIC NEWSLETTERS

- 2006** *Architect Colorado, AIA Magazine.* "A Recipe for Organic Living." Fall 2006
Boulder County Business Report. April.
Architectural Record. "International Solar Decathlon." February, 44.
Dwell. "Let the Sun Shine In." Vol. (6), 87-90.
Natural Home & Garden Magazine. "A Place in the Sun."
- 2005** *Photon International.* "Solar Decathletes flex their power." 36-41.
Environmental Building News. "Second Solar Decathlon Held on National Mall." November.
"Solar Decathlon." *Popular Mechanics.* November.
AIA Architect Internet Newsletter. February. "Here Comes the Sun, Decathlon Heats Up Solar Awareness."
Engineered Housing Technology Transfer Magazine. July. Edition No. 4.
- 2003** *Solar Today Magazine.* October/November. "Taking Solar Design Mainstream." Cover story.
Home Power Magazine. "Solar Houses for Today." March/April. Cover Story, 36-44.
Boulder County Business Report. "Local Solar Project Gains National Attention." April
- 2002** *Architectural Record.* "University of Colorado Boulder Wins Solar Decathlon." November.
Metropolis Magazine. University of Colorado wins Solar Decathlon." January 2003.
American Collegiate Schools of Architecture ACSA Newsletter. "CU Wins Solar Decathlon."
Solar Today Magazine. "Celebrating Colorado's Best Buildings." April/May (1).

WORK REVIEWED IN MEDIA, NON-REFEREED: CREATIVE

- 2003** **Home and Garden Television.** Dream Builder Program. "The Edible House." Program 911.
2002 **Channel 2, Denver.** "The Farmhouse from Recycled Materials." April.
2002 **Colorado Public Radio Program.** "Architect uses agricultural-products." January 29.

RESEARCH AND CREATIVE WORK WITH STUDENTS: TELEVISION AND RADIO

- 2006** **Home and Garden Television. HGTV.** "I Want That!" Episode #305. Feature on BioSIPs.
2005 **ABC News.** "CU Wins Second Solar Decathlon. October 14.
CBS Evening News. "Colorado Team Wins Solar Decathlon". October 14.
Channel 4 News, Denver. "CU Team Builds Solar Home." September 15.
National Public Radio. Etown Radio program, Boulder Theater. December 4.
KGNU. "CU's second win in the international Solar Decathlon." November 21.
Cable News Network, CNN. Science and Space. October.
Discovery Channel. Solar Decathlon Story with feature of CU Team. October.
CBS Evening News. "Colorado Team Wins Solar Decathlon." October 14.
Channel 4 News, Denver. "CU Team Builds Solar Home." September 15.
Channel 9 News, Denver. "Recycled Office Building in Boulder." March 4.

PRESENTATIONS AT NATIONAL AND LOCAL CONFERENCES & MEETINGS

Refereed, by invitation

1994-2003

Representing the United States Department of Agriculture, Alternative Agricultural Research & Commercialization Corporation, Bio-Based Building Material Development:

Environmental Protection Agency, Environmental Technical Evaluation Center, Building Materials Committee Work: Determining Methods for Evaluating and Comparing Green Building Materials to Standard Building Material Counterparts." 2000

Speaker. United States Department of Agriculture, Alternative Agricultural Research & Commercialization Corporation, Annual Board of Director's meeting. Denver. 1999

Rural Housing Service. Presentation: "Methods for bio-based building materials in housing." September 1998

National Marketplace for the Environment Conference. Washington, D.C. Presentation: "The Farmhouse - A Bio-Based Project from USDA Sponsored Agricultural Materials." 1997

Thriving in the Green Building Marketplace Conference. U.S. Department of Commerce, American Institute of Architects. Representative for USDA Alternative Agricultural Research & Commercialization Corporation at the bio-based building material conference. San Diego. 1996

University of Kentucky, Kentucky Tobacco Research Board. Presentation: "Engineered Molded Fiber Technology as a New Use for Tobacco By-Products." 1994

USDA Agricultural Day. Washington, D.C. Video: "New Uses for Agricultural Products." 1994

First Annual New England ECO EXPO. Session Presentation: "Bio-based Building Materials as Alternatives to Petroleum-Based Products." Boston. 1994

Boulder Channel 8 Public Television, Greenpoints Program for education of energy and resource efficient everyday living. Production: "The Farmhouse Environmental Home."

2004 CU Sustainable Energy Forum, September 13
United States Green Building Council, Colorado Conference Speaker, September

2003 National American Solar Energy Society conference. An Energy and Material Assessment of the Bio-based Farmhouse. Austin, Texas. June. This work also selected for presentation at the upcoming International Solar Energy Conference.

2003 International Interior Design Society, Rocky Mountain Chapter, Sustainable Design Event, Speaker

2003 US Green Building Council, Colorado Chapter, Fall 2003. Educational Program Speaker

2002 Environmental Design: Industrialized Agricultural Architecture, IAA & The Farmhouse Prototype. Presented at the ACSA 2002 National Conference Proceedings.

RENEWABLE ENERGY ARCHITECTURE PRESENTATIONS TO GROUPS OUTSIDE CU

By invitation

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| 2006 | Angevine Middle School American Solar Energy Society, Board of Directors Engineering Graduate Student Visit Day University of Colorado Women's Club Henry Middle School National Renewable Energy Laboratory and Department of Energy Field Office Central Asian Energy Alliance College of Engineering Advisory Council College of Architecture and Planning, Faculty and Staff Colorado Energy Science Center Students Multicultural Engineering Program (MPE). High school students who have been accepted to CU's College of Engineering and Applied Science. CU Alumni Club Tours for private individuals, first Saturday of each month |
| 2005 | Morey Middle School CU Alumni Association CU Business School Students Boulder Green Building Guild American Institute of Architecture, Colorado North Tours for private individuals, first and third Saturday of each month University of Denver. Guest Lecturer speaking on the subject of green design. Naropa University. Guest Speaker presenting The Farmhouse Environmental Home |
| 2004 | The Colorado Renewable Energy Society The American Institute of Architects, Professional Chapter |
| 2003 | The Colorado Environmental Business Alliance and COPIRG Tours of The Farmhouse, energy and resource-efficient home Naropa Institute Environmental Design Course, Boulder Associates 111 Incorporated Architectural Laboratory, Denver. |
| 2002 | Environmental Protection Agency, EPA, Denver office National Tour of Solar Buildings. American Solar Energy Society American Society of Interior Designers, Colorado Chapter Vietnam Urban Environmental Management Exchange Project Colorado Environmental Business Alliance Colorado Interior Design Coalition Earth Day Public Open House |
| 2001 | Designs on the Front Range Colorado Architecture Tour, CU Boulder Art Galleries Poudre Valley School District, Construction Administration Team Rocky Mountain College of Art and Design. Environmental Design Course Naropa Institute Environmental Design Course, Boulder Ecole Des Mines, Paris The American Institute of Architects Annual National Convention National Tour of Solar Buildings. American Solar Energy Society |

SERVICE: COMMUNITY AND PUBLIC OUTREACH

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|----------------------|---|
| 2004, ongoing | Boulder Channel 8 Public Television, Environmental Education Documentary, "The Farmhouse Environmental Home." |
| 2002-present | Volunteer consultant for local environmental groups providing environmental building information. |
| 1999-present | Website for promotion of USDA-sponsored bio-based materials: http://thefarmhouse.org Grant funded. |

SERVICE: PROFESSIONAL

- 2007** Professional Juror for the American Solar Energy Society competition.
- 2005** Professional Juror for the Pangea Corporate Headquarters Competition.
- 2004** United States Green Building Council, Colorado Conference Speaker, September.
- 2003** Environmental Protection Agency, EPA, Denver office.
International Interior Design Association and Rocky Mountain Chapter
Associates 111 Incorporated.
Architectural Laboratory, Denver.
- 2002** National Tour of Solar Buildings. American Solar Energy Society.
American Society of Interior Designers, Colorado Chapter.
Vietnam Urban Environmental Management Exchange Project.
Colorado Environmental Business Alliance.
Colorado Interior Design Coalition.
- 2001** Designs on the Front Range Colorado Architecture Tour, CU Boulder Art Galleries.
Ecole Des Mines, Paris.
The American Institute of Architects Annual National Convention.
National Tour of Solar Buildings. American Solar Energy Society

SERVICE: UNIVERSITY

- 2009 - 2012** Committee on University Discoveries. Three year appointment. Nominated by CU Technology Transfer and approved by the University Provost and Campus Faculty Assembly to serve on this committee which reviews university patent policy-, issues-, and changes, inventor grievances, recent court decisions affecting university patent policies, and CU Technology Transfer "state of affairs."
- 2008** Provost Search Committee. Nominated by CU administration.
- 2007** Sustainability Task Force.
- 2007** Elected by college to Chancellor's "Institutional Image and University Communications Task Force."
- 2006** On-going contributor, through payroll, to President Hank Brown's Diversity Scholarship Initiative
- 2001-present** Representing the University in local, national, and international press regarding environmental architecture research, design, and teaching.
- 2005** Emerging Leaders Program by nomination.
Principal Investigator and Faculty Advisor for the 2005 International Solar Decathlon Team, a university-wide project.
Presentation of the 2005 CU Solar Decathlon with the Team, presented to the CU Board of Regents. December 13.
Presentation with 2005 CU Solar Decathlon Team to Provost Susan Avery and Chancellor DeStefano followed by Public Open House. November 18.
Environmental Center and the Energy & Environmental Security Initiative (EESI) with introduction by Regent Cindy Carlisle
- 2004** Faculty Advisor by request for newly formed, CU Student Energy Research Club, CURE
- 2003** Faculty Sponsor by request. American Solar Energy Society, ASES, newly formed CU student chapter.
Tenure Notebooks requested by CU for display as tenure prototype.
- 2002** Faculty Advisor by request for the 2002 International Solar Decathlon Team, a university-wide project. National Solar Decathlon Project, Washington, D.C.
- 2003** RTP Notebooks requested by CU for display as tenure prototype.
- 2002** National Solar Decathlon Project, Washington, D.C. Faculty representative for CU project to competition and public visitors.
- 1998** CU Chancellor's Scholars and Leaders Panelist. One of five panelists.
- 1997** CU Chancellor's Public Relations and Media Luncheon, Brown Hotel

SERVICE: COLLEGE OF ARCHITECTURE AND PLANNING

- 2007** Deans Level Committee, RTP
Center for Emerging Practices in Design
- 2006-2007** Project Architect for the Center for Children, Youth, and Environments, "Green Wall"
conference room design-build project. ENVD
- 2007** Contributor to College of Architecture and Planning fund for "CINC Center Solar Tracking
Project." \$3000
- 2005** Appointed Co-Director "Center for Emerging Technology and Design."
Fundraising, on-going, "Center for Emerging Technology and Design"
Scholarly Report Review Committee.
Public Relations, Marketing, and Fundraising for the 2005 CU Solar Decathlon with
LipmanHearne, Washington, DC.
Studio 4410 Coordinator (2005 to present)
Environmental architecture advisor by request for university students, professionals and the
public from around the country and internationally.
Personal financial donation to the 2005 Solar Decathlon project. Approximately \$4500.
Contributing photographer for PR/marketing of college's environmental design projects.
Graduate and Undergraduate Advising.
- 2004** Architecture Graduate Admissions Committee.
Orientation Speaker presenting to Incoming Students and Parents, Fall.
AIAS. Recognized as outstanding faculty member.
- 2003** Dean Search Committee.
Orientation Speaker presenting to Incoming Students and Parents, Fall.
Advisory Board Presentation, CU Solar Decathlon Project, April.
- 2002** Guest Lecturer speaking on environmental design in both engineering and architecture
seminars.
- 2002-2003** Dean Search Committee
- 1996-2004** Architecture Graduate Admissions Committee
- 1998-2000** Commencement Faculty Marshal
Department Chair's Advisory Committees
Scholarship Committee
- 1998** National Architectural Accrediting Board Committee
Studio Teaching Advisory Committee
Building Technology Advisory Committee
Fund-raising Breakfasts, new building for the college
"Kid's in the City" Public Relations Coordination
- 1999-2004** International Student Organization Pot Luck Dinner, yearly contributor
- 1997-1998** Search Committee
Advisory Board Committee Meeting
All-School Meeting, Host
Curriculum Development Committee
- 1994-2004** Jury committee

WORK WITH STUDENTS IN MAGAZINES, NEWSPAPER, AND NEWSLETTERS

- 2010** "Where Art and Green Practices Meet." *Boulder Daily Camera. Essentials Section.* January 13th.
- 2006** "Bright Lights. CU Home in...TV Spotlight." Longmont Daily Times. June 30.
"Flying Into Orbit. Solar Powered Sun Wing." Colorado Daily. June 27.
"In Da' House. HGTV...visits CU Solar Decathlon Home." June 23.
"Green features helped CU team capture Solar Decathlon."
Boulder County Business Report. March.
"Rehab for Prefab." *Colorado Daily.* 19, March.
- 2005** "Green Tech." *Boulder Daily Camera.* December.
"Solar Homes Showcase Alternative Energy." CNN.com, Science and Space, 25, Oct.
"Solar Home Finds a Home." *Boulder Daily Camera.* 19, Nov.
"Solar Win Energizes Plans for CU Center." *Boulder Daily Camera.* 19, Nov.
"Competition Shows How Houses Can Harvest the Sun." *Washington Post.* 19, Nov.
"Coming Home." *Longmont Times Call.* 13, Nov.
"Got Energy?" *Campus Press.* Boulder, Colorado. 15-23, Nov.
"Solar Decathlon Student Testifies Before House Subcommittee." *The Pulse.* 2, Nov.
"House Aglow with Solar Energy." *Rocky Mountain News.* 22, Oct.
"Fun Under the Sun." *Washington Post.* 30, Sept.
"CU Team Clinches Second Solar Win." *Boulder Daily Camera.* 15, Oct.
"Solar Decathlon Future Cloudy." *Boulder Daily Camera.* 13, Oct.
"100% Solar Powered." *Boulder Daily Camera.* 15, Sept.
"CU Solar Decathlon Team Taking Project to Competition." *Silver & Gold.* 1, Sept.
- "CU Students Design Eco-Friendly Home." CU Alumni Association. 26, Aug.
"CU Solar Decathlon Team Reaches for the Sun." *INSIDE, CU-Boulder.* 9, Aug.
"Solar Home Plans Revealed." *Colorado Daily.* 13, July.
"Homing In On Solar Trophy." *Denver Post.* 6, July.
"Students Stoke Up Solar Home." *Boulder Daily Camera.* 14, June.
"Going for the Gold, CU Solar D Team Ready for Repeat Win." *Colorado Daily.* 23, Mch.
"Solar Decathlon takes eco-friendly building to extreme." *Boulder Daily Camera.* 23, Mch.
"Pure Energy. Petroleum out, buckwheat in..." *Longmont Daily Times Call.* 23, March.
- 2004** "Solar Decathletes Want a Repeat." *Boulder Daily Camera.* 8, July.
- 2003** "Students create living breathing house." Katherine Crowell. *Campus Press.* 20-26, Nov.
"From Refuse to Riches." Julie Marshall, *Boulder Daily Camera.* 24, April.
"Building Blocks." Sandra Fish, *Boulder Daily Camera.* 8, Aug.
- 2002** "Salvage Décor, Ready for Its Close-Up." Hillary Rosier, *New York Times.* 5, Dec.
"From Trash to Treasure." Betsey Lendorf, Scripps-Howard national w/*Rocky Mountain News.*
"Architect's Credo: Reuse, Recycle, Renew." Katherine Salant, *Washington Post.* 7, July.
"Creativity, Idealism meets at home." Esther Chou, *Lexington Herald Leader.* 12, July.
"Panel Vision." Julie Marshall, *Boulder Daily Camera.* 3, May.
"Old is New Again in Earth-friendly home." Kristi Arellano, *The Denver Post.* 21, March.

COURSES TAUGHT:

Asterisk * indicates courses that I've developed at the college.

- Architecture Design Studio (B.ENVD)
- Architecture Design Studio Seminar (B.ENVD)
- Architecture Design Studio (M.Arch)
- Architecture Design Studio Seminar (M.Arch)
- * Architectural Technology I (M.Arch)
- * Architectural Technology II (M.Arch)
- * Green Build Architecture Studio (M.Arch)
- * Green Technology (M.Arch)
- * Green Technology (B.ENVD)
- Independent Studies (M.Arch)
- Independent Studies (B.ENVD)
- * Masonry Design Competition Studio (M.Arch)
- Thesis (M.Arch)
- * Special Topics Architecture Design Studio (M.Arch)