

Senior Research Fellow/Adjunct Assistant Professor

Design Thinking @ College of Design

Center for Sustainable Building Research, College of Design, University of Minnesota,  
Rm. 144, 1425 University Ave SE Minneapolis, Minnesota 55455

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## EDUCATION

<b>M.Arch.</b>	Master of Architecture	College of Design (then College of Architecture & Landscape Architecture), University of Minnesota, Minneapolis, Minnesota, USA	2000
<b>B.Arch.</b>	Bachelor of Architecture	Sir J.J. College of Architecture Mumbai University, Mumbai, India	1991

## ADMINISTRATION EXPERIENCE

<b>Assistant Vice Provost</b>	Office for Equity and Diversity University of Minnesota, Twin Cities Campus	June 2015 - Present
<b>Program Leader</b>	Design Thinking @ College of Design College of Design, University of Minnesota Twin Cities Campus	March 2011 – June 2015
<b>Program Co- Leader</b>	Public Interest Design College of Design, University of Minnesota Twin Cities Campus	June 2013 – June 2015

## RESEARCH & OUTREACH EXPERIENCE

<b>Senior Research Fellow</b>	Center for Sustainable Building Research College of Design, University of Minnesota Twin Cities Campus	October 2006 - Present
<b>Research Fellow</b>	Center for Sustainable Building Research College of Design, University of Minnesota Twin Cities Campus	February 2000 – October 2006
<b>Staff/CDes Liaison</b> (part time)	Regional Sustainable Development Partnerships College of Food, Agriculture and Natural Resources (CFANS) University of Minnesota, St. Paul Campus	November 2010 – June 2011
<b>Staff/CDes Liaison</b> (part time)	Regional Sustainable Development Partnerships College of Food, Agriculture and Natural Resources (CFANS) University of Minnesota, St. Paul Campus	September 2008 – June 2009
<b>CDes Facilities</b> <b>Coordinator</b> (part time)	College of Design, University of Minnesota	June 2006 – June 2008
<b>Design Fellow</b>	Design Institute, College of Design, University of Minnesota	Dec 2002 – Dec 2003
<b>Research Specialist</b>	Center for Sustainable Building Research College of Architecture & Landscape Architecture University of Minnesota, Twin Cities Campus	March 1999 – January 2000
<b>Research Assistant</b>	Center for Sustainable Building Research College of Architecture & Landscape Architecture University of Minnesota, Twin Cities Campus	January 1997 – February 1999

## TEACHING EXPERIENCE

<b>Adjunct Instructor</b>	College of Continuing Education, University of Minnesota	January 2012 - present
<b>Adjunct Asst. Professor</b>	School of Architecture, University of Minnesota	January 2001 – present
<b>Faculty Advisor</b>	SPAN Program (Student Project for Amity among Nations), University of Minnesota	July 2004 – June 2006
<b>Teaching Associate</b>	College of Architecture & Landscape Architecture, University of Minnesota	August 1998 - December 1998
<b>Teaching Assistant</b>	College of Architecture & Landscape Architecture, University of Minnesota	March 1997-June 1998

## **PROFESSIONAL EXPERIENCE**

<b>Senior Architect</b>	DAAT (Design, Architecture & Associated Technologies), New Delhi, India	<i>October 1992 – August 1996</i>
<b>Architect</b>	Neha Nirmal Kulkarni & Associates, New Delhi, India	<i>January 1992 – October 1992</i>
<b>Junior Architect</b>	P K Das & Associates, Mumbai, India	<i>April 1991 – November 1991</i>
<b>Intern Architect</b>	Hema Sankalia & Associates, Mumbai, India	<i>December 1990 – April 1991</i>

## **REGISTRATIONS/ ACCREDITATIONS**

2004	LEED AP LEED Accredited Professional, Minnesota
1994	Registered, Council of Architecture, India (CA/17294)

## **PROFESSIONAL COHORTS & COMMITTEES**

2013-2016	Member, Healthy Foods, Healthy Lives Advisory Board
2012-2013	Member, Women's Leadership Community 2012 Cohort
2012	Advisor/Facilitator, Center for Writing's Faculty Summer Hunker
2011	Advisor/Facilitator, Center for Writing's Faculty Summer Hunker
2011-2012	Mentor, Internationalizing the Curriculum Program
2010-2011	Mentor, Internationalizing the Curriculum Pilot Program
2009-2010	Member, Multicultural Teaching and Learning Fellowship
2009-2010	Member, Buckman Fellowship in Leadership and Philanthropy
2008-2010	Advisor, Board, Twin Cities Museum of Contemporary Art
2007-2008	Member, President's Emerging Leaders Program (PEL) 2007 Cohort
2007-2008	Member, PEL Research Metrics Team, University of Minnesota
2006-2007	Member, Women's Leadership Institute 2006 Cohort
2006-2007	Member, Green Roofs for Healthy Cities 2007 Conference Host Committee (City of Minneapolis)
2003-2004	Member, Dean Tom Fisher's Review Committee
2002	Member, Department of Architecture Graduate Admissions committee
2002	Member, Department of Architecture Structures Search Committee
2001-2003	Member, CALA Library committee
2002-2003	Member, Executive Committee, EDRA 34 hosted by CALA at University of Minnesota
2002-2003	Member, Implementation Committee, EDRA 34 hosted by CALA at University of Minnesota
1999-2006	Member, University of Minnesota Waste Abatement Committee
2002-2004	Member, Department of Architecture Design Committee
1997-2006	Member, Environmental Design Research Association
2002-2004	Member, Campus Sustainability Network
2002-2003	Member, President's Distinguished Faculty Mentor Program

## **RESEARCH & OUTREACH GRANTS**

### **SPONSORED PROJECTS**

<b>Feb 2012 – July 2012</b>	<b>'Minneapolis/Hennepin County Single Adult Emergency Homeless Shelter System Redesign: Applying Design Thinking Processes to Transform the System'</b> <i>Client:</i> City of Minneapolis/Hennepin County Office to End Homelessness, Minneapolis, Minnesota <i>Grant amount:</i> \$ 12,000 <i>Role:</i> Client development and funding, Project lead and direction, client collaboration, facilitation, report writing, supervision of graduate assistant
<b>June 2010 – Sept 2010</b>	<b>'Design Thinking Applied: Design Solutions for Interactive Waiting Rooms at the Hennepin Juvenile District Court, Hennepin County Juvenile Justice Center'</b> <i>Client:</i> Hennepin County Property Services, Hennepin County, Minnesota <i>Grant amount:</i> \$ 20,000 <i>Role:</i> Client development and funding, Project lead and direction, client collaboration, facilitation, report writing, supervision of graduate assistant
<b>Feb 2012 – July 2012</b>	<b>'With the People of Falcon Heights: A Public Work Model for Our Times'</b> <i>Client:</i> City of Falcon Heights <i>Partners:</i> Strong Towns, Center for Citizenship and Democracy, Augsburg College

*Grant amount: \$ 20,000*

*Role: Client development and funding, Project lead and direction, client collaboration, observation and documentation, report writing, supervision of graduate assistants*

- Jan 2013 – Aug 2013**      **‘Minneapolis American Indian Center: A new Vision for Social, Cultural, Arts and Economic Development’**  
*Client: Nexus Partners, Minneapolis American Indian Center (MAIC), Minneapolis, Minnesota*  
*Partners: CURA, NACDI*  
*Grant amount: \$ 4,200*  
*Role: Client development and funding, Principal Investigator, project lead and direction, client collaboration, facilitation, report writing, supervision of CURA graduate assistant*
- Mar 2013 – Dec 2013**      **‘Data Collection and Metrics for Energy Innovation Corridor – Phase 6’**  
*Client: Xcel Energy, Minneapolis, Minnesota*  
*Partners: 25+ Partners including City of Minneapolis, City of St Paul, Hennepin County, Center Point Energy, and others.*  
*Grant amount: \$ 25,000*  
*Role: Client development and funding, Principal Investigator, data collection from partners for EIC Scorecard, development and facilitation of metrics discussion among partners, reporting of scorecard*
- Mar 2012 – Mar 2013**      **‘Data Collection and Metrics for Energy Innovation Corridor – Phase 5’**  
*Client: Xcel Energy, Minneapolis, Minnesota*  
*Partners: 25+ Partners including City of Minneapolis, City of St Paul, Hennepin County, Center Point Energy, and others.*  
*Grant amount: \$ 25,000*  
*Role: Client development and funding, Principal Investigator, data collection from partners for EIC Scorecard, development and facilitation of metrics discussion among partners, reporting of scorecard*
- Mar 2011 – Mar 2012**      **‘Data Collection and Metrics for Energy Innovation Corridor – Phase 4’**  
*Client: Xcel Energy, Minneapolis, Minnesota*  
*Partners: 25+ Partners including City of Minneapolis, City of St Paul, Hennepin County, Center Point Energy, and others.*  
*Grant amount: \$ 25,000*  
*Role: Client development and funding, Principal Investigator, data collection from partners for EIC Scorecard, development and facilitation of metrics discussion among partners, reporting of scorecard*
- Jan 2010 – Jan 2011**      **‘Data Collection and Metrics for Energy Innovation Corridor – Phase 3’**  
*Client: Xcel Energy, Minneapolis, Minnesota*  
*Partners: 25+ Partners including City of Minneapolis, City of St Paul, Hennepin County, Center Point Energy, and others.*  
*Grant amount: \$ 25,000*  
*Role: Client development and funding, Principal Investigator, data collection from partners for EIC Scorecard, development and facilitation of metrics discussion among partners, reporting of scorecard*
- June 2010 – Dec 2010**      **‘Sustainability 2010: Status of Campus Sustainability across Minnesota State Colleges & Universities (MNSCU) campuses’**  
*Client: MNSCU*  
*Grant amount: \$ 15,000*  
*Role: Client development and funding, Principal Investigator, report co-writing, review and editing, supervision of graduate Research Assistant*
- Jan 2009 – Jan 2010**      **‘Data Collection and Metrics for Energy Innovation Corridor – Phase 2’**  
*Client: Xcel Energy, Minneapolis, Minnesota*  
*Partners: 25+ Partners including City of Minneapolis, City of St Paul, Hennepin County, Center Point Energy, and others.*  
*Grant amount: \$ 25,000*  
*Role: Client development and funding, Principal Investigator, data collection from partners for EIC Scorecard, development and facilitation of metrics discussion among partners, reporting of scorecard*
- Jan 2009 – June 2009**      **‘Post-Occupancy Evaluation of Washington County, Forest Lake and Cottage Grove Service Centers’**

*Client: Washington County*  
*Role: Research support, interviews and writing of sections, selected editing*

- Jan 2009 – Jan 2010**      **'Data Collection and Metrics for Energy Innovation Corridor – Phase 1'**  
*Client: Xcel Energy, Minneapolis, Minnesota*  
*Partners: 25+ Partners including City of Minneapolis, City of St Paul, Hennepin County, Center Point Energy, and others.*  
*Grant amount: \$ 25,000*  
*Role: Client development and funding, Principal Investigator, data collection from partners for EIC Scorecard, development and facilitation of metrics discussion among partners, reporting of scorecard*
- Sept 2007 – Dec 2007**      **'Sustainable design assistance on Hennepin County Energy Recovery Center (HERC)'**  
*Client: Covanta, Hennepin County Energy Recovery Center (HERC)*  
*Grant amount: \$ 30,000*  
*Role: Client development and funding, Principal Investigator, report writing, review and editing, supervision of four graduate assistants*
- Sept 2007 – Mar 2008**      **'The Concordia College Roadmap to a Sustainable Campus'**  
*Client: Concordia College, Moorehead, Minnesota*  
*Grant amount: \$ 15,000*  
*Role: Co-Investigator, report co-writing, review and editing, co-supervision of UROP Research Assistant*
- Jan 2006 – June 2006**      **'Post-Occupancy Evaluation of St Cloud MNDOT Headquarters, St Cloud, Minnesota'**  
*Client: MNDOT (Minnesota Department of Transportation)*  
*Role: Research and interviews support*
- Sept 2005 – Jan 2006**      **'Dakota County Sustainable Design Outreach Program, Dakota County, Minnesota, in collaboration with Dakota County Environmental Management (CPPM)'**  
*Client: University Services, University of Minnesota*  
*Role: Research & sustainable design assistance and development, client meetings*
- Jan 2004 – May 2004**      **'Post-Occupancy Evaluation of Hibbing Community College, Hibbing, Minnesota'**  
*Client: MNSCU (Minnesota State Colleges and Universities)*  
*Role: Research & sustainable design assistance and development, client meetings*
- Jan 2004 – May 2004**      **'Post-Occupancy Evaluation of Inver Hills Community College, Invergrove Heights'**  
*Client: MNSCU (Minnesota State Colleges and Universities)*  
*Role: Research & sustainable design assistance and development, client meetings*
- Jan 2004 – June 2004**      **'Post-Occupancy Evaluations of two Consolidated Area Headquarters buildings for the Minnesota Department of Natural Resources in Tower and Windom, Minnesota'**  
*Client: Minnesota Department of Natural Resources*  
*Role: Research & sustainable design assistance and development, client meetings*
- June 2004 – Dec 2004**      **'Conducting Sustainability Assessments on six county facilities for the 7 county Solid Waste Management Coordinating Board (SWMCB)'**  
*Client: Minnesota Department of Natural Resources*  
*Role: Research & sustainable design assistance and development, client meetings*
- Jan 2002 – Sept 2002**      **'Post-Occupancy Evaluations on three campus libraries for the BRIDGE State Building Database project'**  
*Client: BRIDGE State Building Database project*  
*Role: Research & coordination, community involvement, client meetings*
- Jan 1998 – Dec 2000**      **'Minnesota Sustainable Design Guide for Hennepin County, Minneapolis, Minnesota'**  
*Client: Hennepin County*  
*Partners: 20 + Partners across the building profession*  
*Role: Research & coordination, writing sections, review and editing, client meetings*
- Jan 1997 – Sept 1997**      **'Design Guidelines for DNR Area Offices'**  
*Client: Minnesota Department of Natural Resources*  
*Partners: 20 + Partners across the building profession*

*Role: Research & coordination, writing sections, review and editing, client meetings*

**June 1995 – Dec 1995**      **‘Research for Preliminary Proposal for Conservation and Extension of the Church of the Epiphany, Gurgaon, Haryana’**

*Client: INTACH, New Delhi, India*

*Role: Research, writing sections, review and editing*

**June 1995 – Dec 1995**      **‘Study paper on issues related to feasibility of the training for Mahila Masons Programme’**

*Client: Lok Jumbish Project, Rajasthan*

*Role: Research, writing support, review and editing*

**Jan 1995 – June 1995**      **‘Documentation of Energy Conserving Projects done by Sanjay Prakash, Partner, DAAT for proposed book on ‘Energy Conscious Designs in India’**

*Client: Tata Energy Research Institute (TERI), New Delhi, India, 1995*

*Role: Research, writing contributions*

**June 1993 – Dec 1993**      **‘Preparation of Preliminary Draft for Bhavan Nirman Samiti Construction Training Manual orienting villagers of Kishanganj and Shahabad Blocks of Rajasthan for construction, repair and maintenance of rural school buildings, India’**

*Client: Lok Jumbish Project, Rajasthan*

*Role: Research, writing contributions*

**Jan 1993 – June 1993**      **‘Energy Conservation for the Ford Foundation Office Complex’**

*Client: Ford Foundation*

*Role: Research assistance, writing contributions*

**NON-SPONSORED PROJECTS**

**June 2015 – Feb 2016**      **‘City of Sandstone: Roadmap to the Future’**

*Client: Northeast Minnesota Sustainable Development Partnerships*

*Partners: City of Sandstone*

*Grant amount: \$ 40,000*

*Role: Client development and funding, Co-principal Investigator, client meetings and site visits, presentations, report writing, review and editing, collaborative decision-making, supervision of graduate assistant*

**June 2015 – Dec 2015**      **‘Healthy Foods Healthy Lives: Camden Greenhouse Project**

*Client: Project Sweetie Pie, Healthy Foods Healthy Lives Institute*

*Partners: Project Sweetie Pie, CURA, Community of North Minneapolis*

*Grant amount: \$ 10,000*

*Role: Client development and funding, Principal Investigator, client meetings and site visits, presentations, report writing, review and editing, collaborative decision-making, supervision of graduate assistant*

**Feb 2015 – June 2015**      **‘Minnesota Adult and Teen Challenge, Brainerd: Landscape Master Plan and Greenhouse’**

*Client: Central Regional Development Partnerships, U of M Extension*

*Partners: U of M Extension, MNTC, Brainerd, Crow Wing County Master Gardeners*

*Grant amount: \$ 15,000*

*Role: Client development and funding, Principal Investigator, client meetings and site visits, presentations, report writing, review and editing, collaborative decision-making, supervision of graduate assistants*

**Sept 2014 – Jan 2015**      **‘Lake Region Takes Root Community Garden: Maximizing Sustainable Food Production’**

*Client: Central Regional Development Partnerships, NW Regional Development Partnerships, U of M Extension*

*Partners: U of M Extension, Lake Region Healthcare, SHIP program*

*Grant amount: \$ 15,000*

*Role: Client development and funding, Principal Investigator, client meetings and site visits, presentations, report writing, review and editing, collaborative decision-making, supervision of graduate assistants*

**Sept 2014 – Jan 2015**      **‘Cass Lake Area Food Shelf: Design Scenarios for Community Food Production and Education’**

*Client:* NW Regional Development Partnerships, Central Regional Development Partnerships. U of M Extension  
*Partners:* U of M Extension, Cass Lake Food Shelf Board  
*Grant amount:* \$ 14,000  
*Role:* Client development and funding, Principal Investigator, client meetings and site visits, presentations, report review and editing, collaborative decision-making, supervision of graduate assistants

**January 2013 – June 2013 University of Minnesota Informatics Institute**

*Client:* University of Minnesota Informatics Institute  
*Grant amount:* \$ 42,000  
*Role:* Proposal writing and funding, Principal Investigator, Facilitation of design thinking workshops, supervision of research by graduate assistants

**March 2014 – Jan 2015 'Extension Reconsidered: Envisioning the next 100 years of Extension Minnesota'**

*Client:* Regional Sustainable Development Partnerships, U of M Extension  
*Partners:* U of M Extension, Organizing Team, Statewide Team  
*Grant amount:* \$ 24,000  
*Role:* Client development and funding, Principal Investigator, client and statewide team meetings, , design and facilitation of workshops and events, presentations, report writing, review and editing, collaborative decision-making, supervision of staff

**June 2012 – Aug 2013 'Design Thinking Meets Integrative Leadership: A Whole New Approach for our Times'**

*Client:* Hennepin County Property Services, Hennepin County, Minnesota  
*Grant amount:* \$ 10,000  
*Role:* Grant co-writing and funding, Co-Principal Investigator, Facilitation of two design thinking workshops, report writing, review and editing, supervision of graduate assistants

**June 2013 – June 2014 'Design Thinking for MN – two design thinking workshops on Sustainable Tourism and Local and Sustainable Foods, Development of Resources and a Guidebook for Use by MN communities'**

*Client:* U of M Extension  
*Grant amount:* \$ 36,000  
*Role:* Grant writing and funding, Principal Investigator, Facilitation of two design thinking workshops, report writing, review and editing, supervision of graduate assistants

**Sept 2011 – Dec 2011 'Design Thinking for SARE Project - Napoleon, ND; Spearfish, SD, Bemidji, MN'**

*Client:* Regional Sustainable Development Partnerships, University of Minnesota  
*Grant amount:* \$ 2800  
*Role:* Principal Investigator, Facilitation of three design thinking workshops, report writing, review and editing, supervision of graduate assistant

**June 2012 – June 2014 'Higher Ed Redesign Initiative: Design Thinking for Higher Ed Innovation'**

*Client:* Jandris Center for Higher Education Innovation, CEHD, MHEC  
*Grant amount:* \$14,000  
*Role:* Principal Investigator, Facilitation of three design thinking workshops, report writing, review and editing, supervision of graduate assistant

**Jan 2013 – Aug 2013 'Cold Climate Greenhouse: A Guidebook for Designing and Building a Cold-climate Greenhouse**

*Client:* SERSDP, Eagle Bluff Environmental Learning Center  
*Partners:* CURA, RSDP – Statewide Office  
*Grant amount:* \$ 7,700  
*Role:* Client development and funding, Co-Investigator, client meetings and site visits, presentations, report review and editing, collaborative decision-making with team

**Jan 2013 – Aug 2013 'Bemidji Food Shelf: Design Scenarios for Community Food Production and Education'**

*Client:* NW Regional Development Partnerships/U of M Extension, Bemidji Community Food Shelf, SHIP program  
*Partners:* U of M Extension, Community organizations  
*Grant amount:* \$ 14,000  
*Role:* Client development and funding, Co-Investigator, client meetings and site visits, presentations, report review and editing, collaborative decision-making with team

- June 2012 – Dec 2012**      **‘Children and Nature: Research and Design Assistance for Children’s Natural Play Spaces in NW Minnesota – Phase 2’**  
*Client:* NW Regional Development Partnerships/U of M Extension  
*Partners:* U of M Extension, Community organizations  
*Grant amount:* \$ 10,000  
*Role:* Client development and funding, Co-Investigator, client meetings and site visits, presentations, report review and editing, collaborative decision-making with team
- June 2011 – Oct 2011**      **‘Children and Nature: Research and Design Assistance for Children’s Natural Play Spaces in NW Minnesota – Phase 1’**  
*Client:* NW Regional Development Partnerships/U of M Extension  
*Partners:* U of M Extension, Community organizations  
*Grant amount:* \$ 22,000  
*Role:* Client development and funding, Principal Investigator, client meetings and site visits, presentations, report review and editing, collaborative decision-making with team
- June 2011 – Oct 2011**      **‘Visualizing Indicators that Affect Change’ an integration of design and metrics for Northwest MN’**  
*Client:* NW Regional Development Partnerships/U of M Extension  
*Partners:* U of M Extension, Community organizations  
*Grant amount:* \$ 22,000  
*Role:* Client development and funding, Principal Investigator, client meetings and site visits, presentations, report review and editing, supervision of graduate assistant
- June 2010 – Sept 2010**      **‘C-G-B Greenhouse project for Clinton-Graceville-Beardsley School in Clinton, MN’**  
*Client:* West Central Regional Development Partnerships/U of M Extension  
*Partners:* C-G-B School Board  
*Grant amount:* \$ 12,000  
*Role:* Client development and funding, Principal Investigator, client meetings and site visits, presentations, report review and editing, supervision of graduate assistant
- June 2010 – Sept 2010**      **‘Hokah Recreation and Ecological Restoration Plan’**  
*Client:* City of Hokah, SE Regional Sustainable Development Partnerships  
*Partners:* Hokah Community  
*Grant amount:* \$ 8,000  
*Role:* Client development and funding, Principal Investigator, client meetings and site visits, presentations, report review and editing, supervision of graduate assistant
- Sept 2009 – Jan 2010**      **‘Virginia Greenhouse Project Research & Design Assistance’**  
*Client:* City of Virginia City Council, NE Regional Sustainable Development Partnerships  
*Partners:* UM Duluth, Labowitz School of Business  
*Grant amount:* \$ 10,000  
*Role:* Client development and funding, Principal Investigator, client meetings and site visits, presentations, report review and editing, supervision of graduate assistant
- June 2009 – Sept 2009**      **‘Action Plan for Climate Neutrality and Sustainability at University of Minnesota, Crookston’**  
*Client:* NW Regional Sustainable Development Partnerships, University of Crookston  
*Role:* Client development and funding, Principal Co- Investigator with Richard Strong, client meetings and site visits, presentations, report review and editing, supervision of graduate assistant and UROP Research Assistant
- Sept 2008 – Jan 2009**      **‘Baudette Depot Preservation Research & Design Assistance’**  
*Client:* Depot Preservation Alliance, NW Regional Sustainable Development Partnerships  
*Partners:* City of Baudette Community  
*Grant amount:* \$ 10,000  
*Role:* Client development and funding, Principal Investigator, client meetings and site visits, presentations, report review and editing, supervision of graduate assistant and UROP Research Assistant
- Oct 2005 – Sept 2006**      **‘Minneapolis City Hall Green Roof Project Research & Design Assistance’**  
*Client:* City of Minneapolis  
*Partners:* Skaaden-Helmes Architects  
*Role:* Research support, client meetings and site visits

- Oct 2004 – Dec 2004** **‘Duluth Farmer’s Market Project Research & Design Assistance’**  
*Client:* NE Sustainable Development Partnerships  
*Partners:* Duluth Farmers Market  
*Role:* Research support, client meetings and site visits
- Feb 2005 – June 2005** **‘Finland Community Center Project Research & Design Assistance’**  
*Client:* NE Sustainable Development Partnerships  
*Partners:* Finland Community  
*Role:* Research support, client meetings and site visits
- Sept 2007 – Dec 2007** **‘Greening the Campus’ identification of sustainable education and research efforts at the University of Minnesota and work by peer universities**  
*Client:* University Services, University of Minnesota  
*Role:* Research and Development, client meetings
- June 2006 – Dec 2007** **Enhancing Environment and Health in Transportation Project Design’**  
*Client:* AIA-CTS  
*Partners:* Department of Landscape Architecture, Metropolitan Design Center, others  
*Role:* Research and Development, client meetings
- Jan 2003 – June 2003** **‘Seeing Green’, University of Minnesota’s first Green Map, a Knowledge Map of sustainable design on the Twin Cities Campus’**  
*Client:* commissioned and produced by the Design Institute  
*Role:* Research & design collaboration, client meetings
- June 2001 – June 2002** **‘Greening CALA Project for the College of Architecture & Landscape Architecture’**  
*Client:* College of Architecture & Landscape Architecture  
*Role:* Research & coordination, community involvement, client meetings
- Jan 2002 – Sept 2002** **‘Post-Occupancy Evaluations on three campus libraries for the BRIDGE State Building Database project’**  
*Client:* BRIDGE State Building Database project  
*Role:* Research & coordination, community involvement, client meetings
- June 2001 – Dec 2001** **‘Green By Addition’ a collaborative project with DCAUL & Conway+Schulte Architects exploring sustainability implications for the First Ring suburbs’**  
*Client:* Design Center for American Urban Landscape (now Metropolitan Design Center)  
*Partners:* Conway + Schulte Architects  
*Role:* Research & coordination, community involvement, client meetings
- Jan 1998 – Dec 2000** **‘Minnesota Sustainable Design Guide for Hennepin County, Minneapolis, Minnesota’**  
*Client:* Hennepin County  
*Partners:* 20 + Partners across the building profession  
*Role:* Research & coordination, writing sections, review and editing, client meetings
- Jan 1997 – Sept 1997** **‘Design Guidelines for DNR Area Offices’**  
*Client:* Minnesota Department of Natural Resources  
*Partners:* 20 + Partners across the building profession  
*Role:* Research & coordination, writing sections, review and editing, client meetings
- June 1995 – Dec 1995** **‘Research for Preliminary Proposal for Conservation and Extension of the Church of the Epiphany, Gurgaon, Haryana’**  
*Client:* INTACH, New Delhi, India  
*Role:* Research, writing sections, review and editing
- June 1995 – Dec 1995** **‘Study paper on issues related to feasibility of the training for Mahila Masons Programme’**  
*Client:* Lok Jumbish Project, Rajasthan  
*Role:* Research, writing support, review and editing
- Jan 1995 – June 1995** **‘Documentation of Energy Conserving Projects done by Sanjay Prakash, Partner, DAAT for proposed book on ‘Energy Conscious Designs in India’**



*Client:* Tata Energy Research Institute (TERI), New Delhi, India, 1995  
*Role:* Research, writing contributions

**June 1993 – Dec 1993** **‘Preparation of Preliminary Draft for Bhavan Nirman Samiti Construction Training Manual’**  
orienting villagers of Kishanganj and Shahabad Blocks of Rajasthan for construction, repair and maintenance of rural school buildings, India’  
*Client:* Lok Jumbish Project, Rajasthan  
*Role:* Research, writing contributions

**Jan 1993 – June 1993** **‘Energy Conservation for the Ford Foundation Office Complex’**  
*Client:* Ford Foundation  
*Role:* Research assistance, writing contributions, report review and editing, supervision of graduate assistant

## EXTERNAL SALES

**Nov 2014 – Feb 2014** **University of Nebraska-Lincoln, Johnny Carson School of Theater and Film Design Thinking Project (co-led with Jandris Center for Innovative Higher Education, CEHD)**  
*Client:* UN-L, JCSTF  
*Amount:* \$50,000  
*Role:* Sales proposal co-writing and funding, client meetings, Project co-Lead, Co-design and co-facilitation of design thinking workshops, supervision of staff, report writing, editing

**Nov 2014 – Feb 2014** **Charities Review Council – Disruptive Philanthropy Event, Sept 30,2014**  
*Client:* CRC  
*Amount:* \$3857  
*Role:* Sales proposal writing and funding, Project Lead, Design and facilitation of design thinking workshop, supervision of graduate assistant

**June 2014 – October 2014** **Minnesota Association for Museums** (via Goldstein Museum of Design)  
*Client:* Minnesota Association for Museums  
*Amount:* \$1425 Honorarium  
*Role:* Sales proposal writing and funding, Project Lead, Design and facilitation of design thinking workshop, supervision of graduate assistant

**May 2014 – Aug 2014** **Sexual Violence Justice Institute (SVJI@MNCASA) Design Thinking Workshop – June 2014**  
*Client:* SVJI@MNCASA  
*Amount:* \$5251  
*Role:* Sales proposal writing and funding, Project Lead, Design and facilitation of design thinking workshop, supervision of graduate assistant

**June 2013 – December 2013** **University of Iceland Design Thinking Workshop**  
*Client:* University of Iceland, School of Education  
*Grant amount:* \$ 2500 + Expenses  
*Role:* Sales proposal writing and funding, Project Lead, Facilitation of two design thinking workshops, supervision of graduate assistant

**June 2013 – December 2013** **MIA Design Thinking Workshop**  
*Client:* Minneapolis Institute of Arts, Minnesota  
*Grant amount:* \$ 7,000  
*Role:* Sales proposal writing and funding, Project Lead, Facilitation of two design thinking workshops, supervision of graduate assistant

**June 2012 – December 2012** **Arts Midwest Design Thinking Workshop**  
*Client:* Arts Midwest  
*Grant amount:* \$ 6,000  
*Role:* Sales proposal writing and funding, Project Lead, Facilitation of two design thinking workshops, supervision graduate assistant

## INTERNAL SALES

- April 2013 – Aug 2013**      **School of Architecture Fall Masters of Architecture Graduate Student Orientation Design Thinking workshop, so-facilitated with Barry Kudrowitz, Product Design faculty**  
*Client: School of Architecture, College of Design*  
*Amount: \$ 1000 Honorarium*  
*Role: co-design and co-facilitation of design thinking workshop*
- April 2013 – Aug 2013**      **CEHD + OED Design Thinking Workshop**  
*Client: Office of Equity and Diversity, College of Education and Human Development*  
*Amount: \$ 4000*  
*Role: Sales proposal writing and funding, Project Lead, Facilitation of design thinking workshop, supervision of graduate assistant*
- January 2013 – June 2013**      **Enterprise Portal Design Thinking Workshops**  
*Client: Enterprise Portal Team*  
*Amount: \$ 22,000*  
*Role: Sales proposal writing and funding, Project Lead, Facilitation of seven design thinking university system wide workshops, supervision of graduate assistant*
- April 2013 – October 2013**      **CDes Operations Redesign Design Thinking Facilitation**  
*Client: College of Design*  
*Amount: \$ 20,000*  
*Role: Project planning team collaboration and facilitation*
- June 2013 – June 2013**      **Medical School Workshop Facilitation**  
*Client: Medical School*  
*Amount: \$ 400*  
*Role: Sales proposal writing and funding, Project Lead, Facilitation of workshop*
- June 2011 – June 2011**      **Wadena Local Foods Design Thinking Workshop**  
*Client: Central Regional Sustainable Development Partnership*  
*Amount: \$ 100*  
*Role: Sales proposal writing and funding, Project Lead, Facilitation of workshop*

## **PUBLICATIONS**

### **REPORTS**

- March 2015      **‘Cass Lake Area Food Shelf: Design Scenarios for Community Food Production and Education’**  
*Virajita Singh, Smita Rakshit, University of Minnesota*
- Feb 2015      **‘Lake Region Takes Root Community Garden: Maximizing Sustainable Food Production’**  
*Virajita Singh, Alexander Thill, University of Minnesota*
- March 2015      **University of Minnesota Informatics Institute, Design Thinking workshop report**  
*Virajita Singh, Eman Al-Shawaf, Augie Park, University of Minnesota*
- Feb 2015      **‘University of Nebraska-Lincoln, Johnny Carson School of Theater and Film Design Thinking Project’**  
*Virajita Singh, Monica Bruning, Kamana Dhakhwa, Jayne Sommers, Erin Konkle, University of Minnesota*
- Jan 2015      **‘Extension Reconsidered: Envisioning the next 100 years of Extension Minnesota’**  
*Virajita Singh, Kamana Dhakhwa, Kathryn Draeger, Dan Gilchrist, University of Minnesota*
- Aug 2013      **‘Design Thinking Meets Integrative Leadership: A Whole New Approach for our Times’**  
*Kathryn Draeger, Virajita Singh, Kamana Dhakhwa, Center for Integrative Leadership, University of Minnesota*
- June 2010      **‘Sustainability 2010: Status of Campus Sustainability across Minnesota State Colleges & Universities (MNSCU) campuses’**  
*Virajita Singh, Molly Eagen, Minnesota State Colleges & Universities (MNSCU)*

- February 2010 **'Action Plan for Climate Neutrality and Sustainability at University of Minnesota – Crookston'** Richard Strong, Virajita Singh, University of Minnesota-Crookston
- June 2009 **'Post-Occupancy Evaluation of Washington County, Forest Lake and Cottage Grove Service Centers'**, Jonee Kulman Brigham, John Carmody, Virajita Singh and others, Washington County,
- December 2007 **'Greening the Campus' identification of sustainable education and research efforts at the University of Minnesota and work by peer universities**, John Carmody, Virajita Singh
- December 2007 **'The Concordia College Roadmap to a Sustainable Campus'**, Richard Strong, Virajita Singh, Dan Handeen
- January 2007 **'Greening the College of Design'** poster presentation at the First Quality Fair at the University of Minnesota, Virajita Singh
- December 2007 **'Enhancing Environment and Health in Transportation Project Design'** as part of AIA-CTS project: 'The effects of Well-Designed Transportation Environments: Case Studies, Measurement Metrics and Best Practices,' John Carmody, Virajita Singh
- February 2006 **'Post-Occupancy Evaluation of St Cloud MNDOT Headquarters, St Cloud, Minnesota,'** Kathleen Harder, Virajita Singh
- February 2005 **'Dakota County Sustainable Design Outreach Program, Dakota County, Minnesota,'** John Carmody, Virajita Singh
- May 2004 **'Post-Occupancy Evaluation of Hibbing Community College, Hibbing, Minnesota for MNSCU (Minnesota State Colleges and Universities),'** John Carmody, Virajita Singh, Kathleen Harder
- May 2004 **'Post-Occupancy Evaluation of Inver Hills Community College, Invergrove Heights, Minnesota for MNSCU (Minnesota State Colleges and Universities),'** John Carmody, Virajita Singh, Kathleen Harder
- February 2004 **'Post-Occupancy Evaluations of two Consolidated Area Headquarters buildings for the Minnesota Department of Natural Resources in Tower and Windom, Minnesota'** John Carmody, Virajita Singh, Kathleen Harder
- December 2004 **'Conducting Sustainability Assessments on six county facilities for the 7 county Solid Waste Management Co-ordinating Board (SWMCB),'** John Carmody, Virajita Singh, Jonee Kulman Brigham, Kathleen Harder
- June 2002 **'Post-Occupancy Evaluations on three campus libraries for the BRIDGE State Building Database project'** John Carmody, Virajita Singh, Kerry Haglund, Kathleen Harder
- June 2001 **'Introducing New Priorities into DNR Facility Design Process,' a process evaluation report developed for the Minnesota Department of Natural Resources,** julia Robinson, John Carmody, James A. Wise, Virajita Singh
- June 2001 **'Design Guidelines for High Performance DNR Area Offices,' a report developed for the Minnesota Department of Natural Resources,** julia Robinson, John Carmody, James A. Wise, Virajita Singh
- December 2004 **'Sustainability Assessments reports of six county facilities for the 7 county Solid Waste Management Coordinating Board (SWMCB)'** John Carmody, Virajita Singh, Jonee Kulman Brigham, Kathleen Harder
- December 1995 **'Preliminary Proposal for Conservation and Extension of the Church of the Epiphany, Gurgaon, Haryana, submitted to INTACH',** New Delhi, India,' Sanjay Prakash, Virajita Singh and others
- June 1995 **'Study paper on issues related to feasibility of the training for Mahila Masons Programme within the Lok Jumbish Project, Rajasthan, India,'** Sanjay Prakash, Virajita Singh, Kanwarjit Singh Nagi, and others
- December 1995 **Documentation of Energy Conserving Projects done by Sanjay Prakash, Partner, DAAT for proposed book on 'Energy Conscious Designs in India' by Tata Energy Research Institute (TERI), New Delhi, India,** Sanjay Prakash, Caroline Lobo, Virajita Singh
- December 1993 **'Energy Conservation for the Ford Foundation Office Complex',** New Delhi, India, Sanjay Prakash, Virajita Singh and others

June 1993 **Preparation of Preliminary Draft for Bhavan Nirman Samiti Construction Training Manual'** orienting villagers of Kishanganj and Shahabad Blocks of Rajasthan for construction, repair and maintenance of rural school buildings, India, *Sanjay Prakash, Virajita Singh, Kanwarjit Singh Nagi, Arvind Singh and others*

#### **BOOK CHAPTERS, PAPERS**

- 2015 Weerts, D., Rasmussen, C., Singh, V., **'Using Design Thinking to Drive Collective Impact in Higher Education,'** Book Chapter, in 'Critical Issues in Higher Education Series, Series Editors: Jason E. Lane & D. Bruce Johnstone, SUNY Press
- 2014 Singh, V., Prakash, S., **'Lok Jumbish: Rural Participatory Design, Lessons for the Future,'** Book Chapter, in 'The Design Charrette: Ways to Envision Sustainable Futures' edited by Rob Rogemma, Springer Science + Business Media, Dodrecht
- 2013 Castle, E., Singh v., Handeen, D., **'Combating Obesity with Tree Cookies and Mud Pies: A case study of the health impacts of a collaborative design process on three natural play spaces in Northwest MN,'** Council of Educators in Landscape Architecture 2013.
- 2009 Singh, V., **'Vaishnava Ecology: Lessons for the future from an Ancient Faith'** Abstract and subsequent paper reading at the American Academy of Religion/Society of Biblical Literature Midwest Regional Conference, Luther Seminary, St. Paul, Minnesota.
- 2007 Kroeker, R., Singh, V., **'Material Culture and Design Education'** "Design Studio Pedagogy: Horizons of the Future" Book Chapter in edited by Ashraf Salama and Nicholas Wilkinson, Urban International Press, UK.
- 2007 Fisher T., Carmody J., Harder K., Singh, V., Book Chapter, edited by Jack Nasar and others **'Designing for Designers,'** Fairchild Press, USA.
- 2003 Savanick, S., Singh V., Invited (unpublished) chapter Greening the Campus in unpublished book **"Constructing Culture: Built Environments and Land"**, by editors Brian Nerney and Peter Quigley,
- 2002 Heshmati, A., Singh V., **'Teaching How to Learn: Reconsidering Architectural Design in Undergraduate Education'** Published paper. Proceedings of ARCC/EAAE 2002 International Conference on Architectural Research McGill University, Montreal, Quebec, Canada.
- 2001 Fisher, T., Singh, V., **'Sustainability and the Life and Death of Buildings'**, paper, Proceedings of 'Ecospheres' conference, June 2001, University of Nebraska-Lincoln
- 2000 Carmody J., Guzowski M., Singh V., **'Pilot - Testing and Application: Minnesota Sustainable Design Guide,'** Proceedings of American Solar Energy Society conference - May 2000, Madison, Wisconsin, USA
- 2008 Singh, V., **'Border Crossings: Reflections on Environment, Spirit, Design,'** Article, T/here magazine, December 2008 issue, published by students of the College of Design, University of Minnesota, Twin Cities, USA
- 2008 Singh V., Kroeker R., **'Culture of Sacred Sites,'** Article, for Faith and Form: The Interfaith Journal on Religion, Art and Architecture, June 2008 issue, USA
- 2007 Singh V., **'Greening the College of Design,'** Poster, First Quality Fair at the University of Minnesota, Twin Cities, USA
- 2003 Fisher T., Boyd-Brent J., Singh V. Layon K., **'Divining the Twin Cities'**, a knowledge map of spiritual sites in the Twin Cities (one of nine knowledge maps of the Twin Cities charted to commemorate the Twin Cities Design Celebration), Design Institute, University of Minnesota, Twin Cities, USA
- 2003 Singh V., Birtles S., Littlejohn D., **'Seeing Green'**, a Knowledge Map of sustainable design on the Twin Cities Campus, Design Institute, University of Minnesota, Twin Cities, USA

#### **TEACHING - COURSES**

##### **DESIGN THINKING**

Spring 2015 Design Thinking for Innovation, LS/IS 5100 (3 cr), Graduate Course, College of Continuing Education, University of Minnesota

Spring 2015 Workshop in Integrative Leadership course, Boreas Graduate Leadership Program, led by Kate Knuth, Institute of the Environment

Fall 2014 Workshop in Integrative Leadership course, Boreas Graduate Leadership Program, led by Kate Knuth, Institute of the Environment

Spring 2014 Workshop in Integrative Leadership course, Boreas Graduate Leadership Program, led by Kate Knuth, Institute of the Environment

Spring 2014 Design Thinking for Innovation, LS/IS 5100 (3 cr), Graduate Course, College of Continuing Education, University of Minnesota

Fall 2013 Design Thinking, Directed Study (3 cr), Erin Kober

Fall 2013 Design Thinking, Directed Study (3 cr), Deanna Lund

Fall 2013 Design Thinking, Thesis Directed Study (3 cr), Maggie Sattler

Fall 2013 Workshop on Integrative Leadership, Boreas Graduate Leadership Program, co-taught with Kathy Quick, Humphrey School

Spring 2013 Workshop on Integrative Leadership, Boreas Graduate Leadership Program, co-taught with Kathy Quick, Humphrey School

Fall 2012 Workshop on Integrative Leadership, Boreas Graduate Leadership Program, co-taught with Kathy Quick, Humphrey School

Summer 2013 Design Thinking, Directed Study (3 cr), Maggie Sattler

Spring 2012 Design Thinking for Innovation, LS/IS 5100 (3 cr), Graduate Course, College of Continuing Education, University of Minnesota

Fall 2012 Design Thinking for Innovation, Directed Study (3 cr), Jo Ann Hendricks

Fall 2012 Design Thinking, Directed Study (3 cr), Maggie Sattler

Summer 2012 Design Thinking, Directed Study (3 cr), Catie Kenealy

Summer 2012 Design Thinking, Directed Study (3 cr), Jo Ann Hendricks

Summer 2012 Design Thinking, Directed Study (3 cr), Jen Gray

Fall 2011 Design Thinking, DES 1905 (3 cr), Freshman Seminar, College of Design, University of Minnesota

Spring 2011 Design Thinking for Innovation, LS/IS 5100 (3 cr), Graduate Course, College of Continuing Education, University of Minnesota

#### **DESIGN STUDIOS/WORKSHOPS**

Spring 2011 ARCH 3250, BDA Design Workshop – Creating Sustainability: Design, Process, Beauty, 2 cr

Spring 2006 ARCH 4284: Topics Studio – An Architecture for Homelessness, 4 cr; taught in collaboration with Dean Thomas Fisher

Fall 2005 ARCH 4283: Materials/Methods – Designing a Place of Worship, 6 cr; studio level team collaborators - Lucas Alm, Kathy Olmstead, Mike Christenson and J Stephen Weeks

Fall 2004	ARCH 5284: Material Culture and Design in collaboration with the Mendota Mdewakanton Dakota Community in Minnesota, 6 cr; 'Vertical' studio with undergraduate/graduate class in collaboration with Cass Gilbert Visiting Professor, Richard Kroeker
Spring 2004	ARCH 5282: Courtyards, Formwork and Casting (6 cr; Collaboration with other instructors – Gunnar Hartmann),
Fall 2003	ARCH 5282: Courtyards, Formwork and Casting (6 cr; Collaboration with other instructors – Walid El-Hindi, Ernesto Ruiz)
Spring 2002	ARCH 5282: Architecture as Procedure – Earth, Water, Wind & Fire (6 cr; Collaboration with other instructors – Ali Heshmati, Jim Widder)
Fall 2001	ARCH 5282: Architecture as Procedure – Earth, Water, Wind & Fire (6 cr; Collaboration with other instructors – Ali Heshmati)
Spring 2001	ARCH 5282: Architecture as Procedure – Earth, Water, Wind & Fire (6 cr; Collaboration with other instructors – Ali Heshmati, Jennifer Yoos)

### **SEMINAR COURSES**

Fall 2011	DES 1905: Freshman Seminar on Design Thinking/Design Action for a Sustainable World, 3 cr
Spring 2008	ARCH 4150: Topics course on "Sustainable communities", climate change and the U of M campus co-taught with Prof. Anne Kapuskinski, 3 cr
Spring 2008	DES 4150H: Honors Seminar "Wisdom, Sustainability and Change" co-taught with Dean Tom Fisher, 2 cr
Spring 2006	ARCH 5150: Seminar – Alternatives to Homelessness, 2 cr; taught in collaboration with Dean Thomas Fisher
Fall 2002	ARCH 1906w: Waste (Not): Envisioning Alternatives to a Throwaway Culture (2cr; Freshman Seminar; co-taught with Dean Tom Fisher)
Spring 2002	ARCH 5993: Green Mapping: Tracking Sustainable Design at the U (2cr; Directed Study/Seminar; cotaught with Sarah Birtles)

### **STUDY ABROAD PROGRAMS**

January term 2007-08	ARCH 4150: Study Abroad course on "Sacred India: Architecture, Environment, Spirit", 3 cr,
Spring 2004-Spring 2006	SPAN (Student Project for Amity Among Nations) Teaching and individual student advising to 11 University of Minnesota students in preparation of India research trip in Summer 2005
January term 2003-04	ARCH 5350: Globalization and its effects on the built environment – Study Abroad trip to India (3 cr; Collaboration with other instructors – Malini Srivastava, Michael Christenson)

### **CONTINUING PROFESSIONAL STUDIES**

Fall 2013	Design Thinking for Business Innovation, 2 day course; CSOM Exec Ed, co-taught with Toby Nord
Spring 2002	CPS Course for building related industry professionals: 6565; Minnesota Sustainable Design Guide Workshop (Co-taught with other professionals)
Fall 2001	CPS Course for building related industry professionals: 6565; Minnesota Sustainable Design Guide Workshop (Co-taught with other professionals)
Spring 2001	CPS Course for building related industry professionals: 6565; Minnesota Sustainable Design Guide Workshop (Co-taught with other professionals)
Summer 2000	CPS Course for building related industry professionals: 6565; Minnesota Sustainable Design Guide Workshop (Co-taught with other professionals,)

- Fall 2000 Continuing Professional Studies class on Sustainable materials and design (co-taught with Rebecca Foss at College of Architecture and Landscape Architecture, University of Minnesota)
- Fall 2000 Continuing Professional Studies class on 'Towards Sustainable Practices' (co-taught with Tom Fisher) at College of Architecture and Landscape Architecture, University of Minnesota,

### **DESIGN THINKING, ARCHITECTURE THESIS & STUDENT ADVISING**

- Spring 2015 Graduate Thesis; Sarah Davis, College of Continuing Education
- Fall 2013 Graduate Thesis; Maggie Sattler, College of Continuing Education
- Spring 2013 Graduate Thesis; Jo Ann Hendricks, College of Continuing Education
- Spring 2013 Graduate Thesis; Brian Leisinger, College of Continuing Education
- 2008 Advisor to Greenlight student group,
- Spring 2007 Graduate Thesis; Teresa Forsberg, College of Architecture & Landscape Architecture
- Spring 2007 Graduate Thesis; Meredith Hayes, College of Architecture & Landscape Architecture
- Spring 2007 Graduate Thesis; Ann Hake, College of Architecture & Landscape Architecture
- Spring 2007 Graduate Thesis; Keegan Furtaro, College of Architecture & Landscape Architecture
- Summer 2006 Undergraduate Honor's Thesis; Nic Nett, College of Liberal Arts
- Spring 2006 Graduate Thesis; Aaron Kapphahn, College of Architecture & Landscape Architecture
- Spring 2006 Graduate Thesis; Sean Barnett, College of Architecture & Landscape Architecture
- Spring 2005 Undergraduate Honor's Thesis advising with Billy Weber; Emily Winkels, College of Liberal Arts
- Spring 2004 Graduate Thesis; Zoe Adler-Resnick, College of Architecture & Landscape Architecture
- Spring 2003 Graduate Thesis; Lauren Huynh, College of Architecture & Landscape Architecture
- Spring 2003 Graduate Thesis; Kendra Wilson, College of Architecture & Landscape Architecture
- Spring 2003 Graduate Thesis; Kevin Curley, College of Architecture & Landscape Architecture
- Spring 2003 Graduate Thesis; Aimee Lalone, College of Architecture & Landscape Architecture
- Spring 2003 Undergraduate Honors Thesis; William Spencer, College of Liberal Arts
- Fall 2002 Graduate Thesis; Janet Lederle, College of Architecture & Landscape Architecture
- Spring 2002 Graduate Thesis; Raquel Barros, College of Architecture & Landscape Architecture
- Spring 2002 Undergraduate Honors Thesis; Sarah Demberger, College of Liberal Arts,

### **DIRECTED STUDY COURSES - ARCHITECTURE**

- Spring 2007 Directed Study, 1 cr, - Christen Gard; Green Purchasing, College of Architecture & Landscape Architecture
- Spring 2007 Directed Study, 1 cr, - Yeshi Shrestha; Greening the campus, College of Architecture & Landscape Architecture
- Spring 2007 Directed Study, 1 cr, - Juan Vergara ; Composting at the College of Design, College of Architecture & Landscape Architecture

- Spring 2002 ARCH 5993: 1cr; Directed Study - Lauren Huynh; Sustainable development in Venice, College of Architecture & Landscape Architecture
- Fall 2002 ARCH 5993: 2cr; Directed Study - Jess Roberts; Sustainable building materials, College of Architecture & Landscape Architecture

### **UROP PROJECTS - ARCHITECTURE**

- Fall 2007 Undergraduate Research Opportunities Program (UROP) research project; Christen Gard
- Fall 2007 Undergraduate Research Opportunities Program (UROP) research project; Michelle Park
- Spring 2005 Undergraduate Research Opportunities Program (UROP) research project; Jason Drier
- Summer 2001 Undergraduate Research Opportunities Program Project 1: Ray Rindahl 'Tracking Waste at CALA'
- Spring 2001 Undergraduate Research Opportunities Program Project 2: Ray Rindahl 'Tracking Waste at CALA'
- Spring 2002 Undergraduate Research Opportunities Program Project: Jess Roberts 'Sustainable Furniture'

### **TEACHING IN COMMUNITY**

- Spring 2008 Compleat Scholar course 'Wisdom, Sustainability and Change' co-taught with Tom Fisher
- 1993-1996 Conducting and teaching in 2- day workshops for rural communities in the villages of Kishanganj district, Rajasthan, India on 'Appropriate construction technologies, building design and estimation for local schools' as part of the Lok Jumbish Project in collaboration with architect Sanjay Prakash

### **STUDENT MENTORSHIP**

- 2007 Jon Jacobs, McNair Program, University of Minnesota
- 2003 Linda Solis, McNair Program, University of Minnesota
- 2001 Ray Rindahl, McNair Program, University of Minnesota
- 2002 My Linh Pham; CLA Student; President's Distinguished Faculty Mentor Program

### **SELECTED EVENTS/WORKSHOP FACILITATION**

- 2012 Co-organizer, March 29-30<sup>th</sup>, *Tweak? Leap? What does design thinking demand?* Twin Cities (Minneapolis-St. Paul) at the University of Minnesota with international speaker-facilitators, educator Simon Kavanagh (The Kaospilots, Aarhus), educator and founder Peter Spinder (Knowmads, Amsterdam) and Business Designer, Franziska Kruger (Berlin)
- 2009 Organizer, May 7<sup>th</sup> Meeting of Regional Sustainable Development Partnerships all-day meeting of State Wide Coordinating Committee, Rapson Hall
- 2008 Moderator of session on topic of "Experience" in the Religious Studies workshop
- 2008 Co-organizer with Ozayr Saloojee of symposium to be hosted by the School of Architecture and co-sponsored with the Graham Foundation, *Sacred Sites/Sacred Sights: Past, Present, Future*
- 2006 Co-organizer of event "Writing and designing to end Homelessness" – an exhibition and presentation of studio and seminar work, co-sponsored by the College of Architecture and Landscape Architecture and the Center for Writing at the University of Minnesota to disseminate information to university members and members of the City/County Commission to end homelessness
- 2006 Organizer of week long exhibition of selected undergraduate student work from Fall 2005 Studio 4283 (Place of Worship)
- 2003 Member, organizing committee of one day Greening the Campus workshop hosted by the Campus Sustainability Network at the University of Minnesota



- 2003 Member, Executive committee and Implementation committee, organizer of 'EDRA 34' Environmental Design Research Association conference held at the University of Minnesota, Minneapolis
- 2002 Initiated and organized an Interdisciplinary Panel Discussion on Biomimicry sponsored by the Humanities Institute on the occasion of author Janine Benyus' visit to the University of Minnesota
- 2001 Co-organizer of one day Midwest Greening the Campus Workshop at the University of Minnesota, Minneapolis, Minnesota
- 1993 Co-organizer of meeting of the Architecture & Energy Working Group, Union Internationales des Architectes (UIA), New Delhi, India
- 1988 Co-organizer of the 'Structural Seminar on Design for a 200-storeyed tall building' at the Annual Convention of the National Association for Students of Architecture, Bombay, India
- 1989 Contributing member of Structural Seminar on 'Innovative Design for a Stadium' at the Annual Convention of the National Association of the Students of Architecture, Jadavpur, India
- 1987 Co-organizer of 'Morphos – an exhibition on Structures' designed as an introduction and contributor to structural principles for architectural students at Sir JJ College of Architecture, Bombay, India