

SHARON S. BAUM KUSKA, PhD, PE, LEED AP, Assoc AIA

Professor and Associate Dean for Faculty and Academic Programs
University of Nebraska-Lincoln, College of Architecture

EDUCATION

Doctor of Philosophy, University of Nebraska-Lincoln, Engineering, 1993, Dissertation: *Seismic Behavior of Square High-Strength Concrete Columns*

Master of Science, University of Nebraska-Lincoln, Civil Engineering, 1984

Bachelor of Science, Architectural Studies, University of Nebraska-Lincoln, 1982

PROFESSIONAL REGISTRATION

LEED (Leadership in Energy and Environmental Design) Accredited Professional 2003

Registered Civil Engineer, State of Nebraska, 1992

Registration No. E-7460

ACADEMIC EMPLOYMENT HISTORY AND EXPERIENCE

ADMINISTRATIVE POSITIONS

Associate Dean for Faculty and Academic Programs, UNL, August 2018-present (0.55 FTE)

Interim Dean, College of Architecture, University of Nebraska-Lincoln (UNL), January 2022-January 2023 (1.0 FTE)

Interim Program Director, Architecture Program, College of Architecture, UNL, August 2017-August 2018 (0.30 FTE)

Associate Dean, College of Architecture, UNL, August 1999-August 2001 Student Affairs, August 2001-August 2002
Research

dONE Program Coordinator, College of Architecture, UNL, August 2019-present

ACADEMIC POSITIONS

University of Nebraska-Lincoln

College of Architecture, Architecture Program

Professor, Tenured, August 2000-present

Associate Professor, Tenured, August 1995-August 2000

Assistant Professor, Special Appointment and Tenure-Track, August 1986-August 1995

Women's Studies Faculty Member, 1998-present

Graduate Faculty Member, 1993-present

Wuyi University, Department of Architecture; Wuyi, China

Adjunct Professor, 2013

Dublin Institute of Technology, Bolton Street School; Dublin, Ireland

Visiting Faculty, Exchange Program, Fall 1992

HONORS AND AWARDS

University of Nebraska-Lincoln, College of Architecture Distinguished Teaching Award, 2021, Nominated 1991, 1994

Design Intelligence 25 Most Admired Educators, 2016

University of Nebraska-Lincoln, Annis Chaikin Sorensen Award Nomination, 2016

University of Nebraska-Lincoln, College of Architecture, W. Cecil Steward Distinguished Professorship, 2006-2008, 2010-2012
University of Nebraska-Lincoln, College of Architecture, Hawthorne Faculty Award, 2010, 2019
University of Nebraska-Lincoln, College of Architecture, H. Robert Douglass Distinguished Professorship, 2004-2006
University of Nebraska-Lincoln, Faculty Development Fellowship Leave, 2004
University of Nebraska-Lincoln Parents' Association and Teaching Council, Certificate of Recognition for Contribution to Students, 1995, 2002
Nebraska Society of Professional Engineers Outstanding Service Award, 2000-2001
University of Nebraska-Lincoln, Chancellor's Award for Exemplary Service to Students, Nominated 1999
Lexington Who's Who, Millennium Edition, 1999
Invited, Affiliate Researcher of the National Bridge Research Organization (NaBRO), 1998
Faculty Fellowship, National Association of Women in Education, Emerging Women Leaders in Higher Education Institute, College Park, MD, November 1998
Faculty Fellowship, American Institute of Architects Research Faculty Institute on Teaching Seismic Design, San Francisco, CA, February 1997
University of Nebraska-Lincoln, ACE Fellows Program, Nominated 1997
Tau Sigma Delta Honorary Membership, 1994
"Outstanding Young Woman of America", Outstanding Young Women of America, Montgomery, Alabama, 1987

PROFESSIONAL AND COMMUNITY LEADERSHIP CONTRIBUTIONS

PROFESSIONAL POSITIONS AND CONTRIBUTIONS

Nebraska Capitol Commission, Representative Member 2022-2023
University of Nebraska Team Advisor, Association for Preservation Technology International (APT) Preservation Engineering Technical Committee (PETC) Student Design Build Competition
1st Place finish in 2020, 2nd Place finish in 2018
National Organization of Minority Architects – Students (NOMAS), Advisor 2014-present
United States Green Building Council (USGBC) – Student Chapter, Advisor 2019-2020
Joslyn Institute for Sustainable Communities, Lincoln and Omaha, Nebraska, Acting President 2021-2022, Vice President 2003-2021
National Council of Architectural Registration Boards (NCARB) Licensing Advisor, University of Nebraska-Lincoln 2014-2018
National Council of Architectural Registration Boards (NCARB), Washington, D.C., Architectural Registration Exam: General Structures and Lateral Forces Sub-Committee, Coordinator 2010-2014, Member 2002-2008 and 2009-2010
Design Futures Council Executive Board, 2009-2016
United Nations Center for Human Settlements (UNCHS) Best Practices and Local Leadership Steering Committee, 2003-2016
North/North Network for Urban Sustainability and Leadership, Director of the Secretariat, (affiliated with UN-HABITAT), 2004-2014
Oxford University Press, Manuscript Reviewer Empirical Design of Building Structures 2015
Journal of Testing and Evaluation, Reviewer "Experimental study on the seismic behaviors of concrete columns reinforced with HRBF400" 2014
National Science Foundation, Washington, D.C., Panel Reviewer, Small Business Innovation Research Program 1997, Building Structures Division 1996
Van Nostrand Reinhold Publishers, New York, NY, Manuscript Reviewer Statics and Strength of Materials 1996

COMMUNITY POSITIONS OF LEADERSHIP

Exeter Milligan Public School Foundation, Vice President 2017-present, Member 2002-2017
Exeter-Milligan Public School Board, President 2002-2018, Treasurer 1999-2002, Member 1996-1999

PROFESSIONAL EMPLOYMENT EXPERIENCE

Bahr Vermeer & Haecker Architects; Lincoln, Nebraska, Engineer-in-Training/Graduate Architect 1984-1986

University of Nebraska, Office of Facilities Management and Planning; Lincoln, Nebraska
Aide to the Director, 1984

University of Nebraska Foundation; Lincoln, Nebraska, Assistant to the Executive Vice President, 1980-1983

Nebraska Game and Parks Commission; Lincoln, Nebraska, Draftsperson, 1979-1980

PROFESSIONAL SOCIETIES

Membership in the following professional societies:

American Concrete Institute

American Institute of Architects, *Associate*

American Society of Civil Engineers

National Society of Professional Engineers, *20-year Continuous Membership Award (2011)*

Nebraska Society of Professional Engineers, *President (2004-5), President Elect (2003-4), Vice President (2001-3), Treasurer (1999-2001), Executive Board Member (1997-2001)*

Southeast Nebraska Chapter, National Society of Professional Engineers, *President (1997-8), President Elect (1996-7), Vice President (1995-6), Secretary (1994-5), Treasurer (1993-4), Grader - Regional and State MATHCOUNTS Competition (1994-present), NPTV Telethon Participant (1995-2002), Host for State Senator - Legislative Luncheon (1998, 2004, 2005), Chair - State Annual Meeting and Seminar Organization Committee (1997-8) "Partnerships in Engineering"*

Nebraska Alumni Women's Leadership Network

Phi Beta Delta, Honor Society for International Scholars

Tau Beta Pi Honorary Engineering Fraternity

The Order of the Engineer

Tau Sigma Delta Honorary Architectural Fraternity, *Honorary*

TEACHING RESPONSIBILITIES

Most recently:

ARCH107	Sustainability Basics and the Built Environment (ACE 8 course)
ARCH 231	Structural Fundamentals
UGEP 250	Global Awareness
ARCH332	Structural Optimization
ARCH331	Structural Mechanics
ARCH4/5/881	Women in Design (Also IDES481)
ARCH4/5/897	Black Architects in the US
ARCH3/4/5/898	Problems in Architecture
ARCH613/614	Architectural Design: Thesis I and II
UHON	University Honors Undergraduate Thesis

Previously:

Architectural Structures I
Architectural Structures II
Architectural Structures III
Seismic Design Basics for Architects
Lateral Forces

Structural Analysis (Advanced Structures II)
Advanced Structures I
Architectural Systems Analysis
Architectural Design: Terminal Project, Studio I and Studio II
Architectural Design: Systematic Approach
Architectural Design: Tectonics
Selected Topics in Architecture: Career Exploration: Architecture & Interior Design
Problems in Architecture
Technological Applications
Computer Applications in Architecture I

Reinforced Concrete Design I (Civil Engineering Department, UNL)
Introduction to Structural Engineering (Civil Engineering Department, UNL)

GRADUATE STUDENT COMMITTEES

Ph.D. Committee Co-chair:

Liqun Bi, Ph.D. (2019)
Keith Hedges, Ph.D. candidate
Zunaibi Abdullah, Ph.D. (2014)
Sheila Elijah-Barnwell, Ph.D. (2008)

Ph.D. Committee Member:

Bruce Anderson, Ph.D. candidate (deceased)

M.S. Architecture Thesis Committee Member and Advisor:

Mohammad Qutb Aldeen, May 2020

M. Arch. Thesis Advisor:

Sunkist Judson, "Materiality and Construction of a Church in Myanmar," May 2021
Carlos Servan-Alvarez, "Interventions in Informal Settlements," May 2018.
Abby Baumert, "Fused," May 2012.
Amanda Kottas, "Boundless Boundaries: Utilizing Architecture to Improve the Therapeutic Experience," May 2012.
Michelle Morehead, "Erasing Suburbia: Designing Resilience to the Potential Failure of an Oil-dependent System," May 2012.
Audrey Burns, "Agri Remnant," May 2011.
Sabrina Tockook, "Women's Specific Soccer Training Facility," May 2011.
Heather Nelson, "Pieces of the Puzzle," May 2009.
Kristin Ubben, "Submercial: Research at it's closest proximity," May 2008.
Aaron Tvrdy, "Re Use Ful," May 2007.
This project won the Lifecycle Building Challenge Competition 2007.
Nicole Schiermeyer, "Cotton Top Farms Equestrian Training Center," May 2006.
Amy Cooper, "Bridging the Urban Pedestrian Gap," May 2005.
Corby Renard, "Environmental Education Facility," May 2004.
Brian Ballweg, "Colorado Plateau Field Institute," May 2003.
Sakura Hino, "Revitalizing the Sacred," May 2003.

M.S. Interior Design Thesis Committee Member:

Renee Meyer, May 2021
K. Riege, May 2013.
Leigh Bacon, May 2011.

M.S. Civil Engineering Thesis Advisor:

Erin Toren, "Local Building Codes and Usage of Second-Use Materials," May 2006.

M.S. Civil Engineering Thesis Committee Member:

Erleen K. Hatfield, "The Effects of Cover Concrete and Longitudinal Bar Size on the Bond Strength of Reinforcing Bars Embedded in High Strength Concrete," May 1996.

Mahmoud Kebraei, "Flexural Capacity of High Strength Concrete Column Subjected to Combined Axial Load and Moment," May 1996.

Structural Consultant on sixth year terminal projects for the advanced professional students in the Master of Architecture degree program along with other studio levels. Structural Consultant for ARCH 411 Design Studio: Integrate (2020-2021)

GRANTS AND CONTRACTS

Co-Organizer, "Urban Thinkers Campus: The City We Need," World Urban Campaign, 2015-2016 (Joslyn Institute for Sustainable Communities).

Consultant, "Sustaining the Conservation of Nebraska Environmental Resources," Nebraska Environmental Trust Fund, 2015-2017 (\$125,000 with Joslyn Institute for Sustainable Communities) in-kind consulting, Funded.

Faculty member, "Engaging Nebraska, Impacting Communities, Transforming Students," Rural Futures Institute, University of Nebraska-Lincoln, 2013-2015, (\$86,812.05 with 10 other faculty members) Funded.

Consultant, "Strategic Communications for Sustainable Development," Nebraska Environmental Trust Fund, 2013-2015 (\$328,000 with Joslyn Institute for Sustainable Communities) in-kind consulting in cooperation with Rural Futures Institute and Creighton University, Funded.

Co-Facilitator, "Nebraska Recycling Study," Nebraska State Recycling Association, 2013-2014 (in-kind facilitation to Joslyn Institute for Sustainable Communities) in cooperation with University of Nebraska Public Policy Center, Funded.

Partner, "Omaha/Lincoln New Markets, Buildings/Energy/Community: Existing Neighborhoods," U.S. Department of Energy sponsored Omaha/Lincoln Retrofit Ramp-up (OLRR) Program, 2010-2013, Finalist in both Technical Services Implementation (with Schemmer and eFish) and Marketing Engagement Implementation (with Bailey Lauerman) Not Funded.

Associate Director, "Community EcoProducts and Services Center," Nebraska Department of Environmental Quality, 2010 (\$173,815 with W. Cecil Steward, President, Joslyn Institute for Sustainable Communities) Funded.

Client, "The EcoSTEP Project," for the Jeffrey S. Raikes School of Computer Science and Management, UNL, Design Studio, funded by the University of Nebraska Foundation, in partnership with the JISC, 2009-2010 (\$40,000 with W. Cecil Steward, President, Joslyn Castle Institute for Sustainable Communities).

Project Director, "Sustainability and Stormwater BMP Model," Douglas County Environmental Services, 2009-2010 (\$325) Funded.

Associate Director, "Sustainable Construction: Waste Reduction in Our Communities," 2008-2010 (\$267,740 with W. Cecil Steward, President, Joslyn Institute for Sustainable Communities) Funded.

Associate Director, "DeConstruction Nebraska," Nebraska Environmental Trust Fund, 2006-2007 (\$139,580 with W. Cecil Steward, President, Joslyn Castle Institute for Sustainable Communities) Funded.

Associate Director, "Nebraska Center for Sustainable Construction", Nebraska Department of Environmental Quality, 2005-2006 (\$80,000 with W. Cecil Steward, President, Joslyn Castle Institute for Sustainable Communities) Funded.

Associate Director, "Nebraska Center for Sustainable Construction," Nebraska Department of Environmental Quality, 2003-2005 (\$246,410 with W. Cecil Steward, President, Joslyn Castle Institute for Sustainable Communities) Funded.

Mentor to Jennifer Parkening, "Contributions by Female Alumni of the University of Nebraska-Lincoln College of Architecture," UCARE monies from the Pepsi Endowment to the University of Nebraska-Lincoln, 2003-2004 (\$2,000), 2004-2005 (\$2,400) Funded.

Mentor to Joliette Gadeken, "Contributions by Female Alumni of the University of Nebraska-Lincoln College of Architecture," UCARE monies from the Pepsi Endowment to the University of Nebraska-Lincoln, 2003-2004 (\$2,000), 2004-2005 (\$2,400) Funded.

Co-Director, "Development of the University of Nebraska Center for Building Integration," Nebraska Research Initiative, 2002-2003. (\$67,751) Funded.

Mentor to Megan Lutz, "An Architectural Addition: The Study of Contributions by Female Alumni of the University of Nebraska-Lincoln College of Architecture," UCARE monies from the Pepsi Endowment to the University of Nebraska-Lincoln, 2001-2002 (\$2,000), 2002-2003 (\$2,400) Funded.

- Principal Investigator, "Development of ARCH 331 Architectural Structures I," Office of Extended Education and Outreach, University of Nebraska-Lincoln, 2000-2001. (\$7,500) Funded.
- Co-Investigator, "Economic Substructures for Steel Bridges," Nebraska Department of Roads and the steel industry in Nebraska, 1997-1999. (\$226,257 with A. Azizinamini and D. Rizos) Funded.
- Co-Principal Investigator, "The Use of Fiber Reinforced Polymers (FRP) in the Prestressed Concrete Technology – What Has Been Done and What Needs to Be Done," Layman Award, UNL, 1998-1999. (\$7,500 with D. Rizos) Funded.
- Co-Director, NAFTA Architectural Education Consortium, Fund for the Improvement of Postsecondary Education, 1995-1998. (\$102,000 with W. Cecil Steward) Funded.
- Co-Principal Investigator, "Building Structures Along the Oregon Trail: The Nebraska Section," Council for Community Planning and Design, UNL College of Architecture, 1995-1996. (\$800 with B. Gabb) Funded.
- "The Lights of Southern Ireland," Faculty Development Grant, College of Architecture, University of Nebraska-Lincoln, 1993. (\$1,650) Funded.
- "Lecture Series Development, Wood Truss Bridge Design," Faculty Development Grant, College of Architecture, University of Nebraska-Lincoln, 1993. (\$800) Funded.
- Research Associate, "Design and Detailing of Transverse Reinforcement in Square High-Strength Reinforced Concrete Columns Subjected to Seismic Loading," Research Initiation Grant, National Science Foundation, 1990-1993. (\$112,000 with A. Azizinamini as Principal Investigator) Funded.
- Research Associate, "Post-Tensioned Clay Brick," Construction Engineering Research Laboratory Proposal, U.S. Corps of Engineers, 1991-1993. (\$505,000 with G. Krause and M. Tadros as Principal Investigators) Funded.

BOOKS

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- 2011, 2013 *Sustainometrics: Measuring Sustainability*, W. Cecil Steward & Sharon B. Kuska, 2011, Ostberg Library of Design Management, Norcross, GA, ISBN: 978-0-9846136-5-6. Translation Copyright 2013 China Architecture & Building Press.

PUBLICATIONS

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- Steward, W. Cecil and Sharon B. Kuska, "Sustainable Communities: When we decide to make them, sustainable communities will come in all sizes, forms and locations," *Prairie Fire*, Volume 2, Number 10, pages 12-15, 18 October 2008. Also reprinted in *The Western Planner*, Volume 30, Number 3, April/May 2009, pages 10-12.
- Steward, W. Cecil and Sharon B. Kuska, "Developing and Sustaining Creative Cities: A Sustainability Tool for Designers, Planners, and Public Administrators," *Proceedings*, Creative City 2008, Sustainable City and Creativity: Promoting Creative Urban Initiatives Conference, Naples, Italy, 24-26 September 2008. Reprinted in the *Urban Space Journal* (License Holder: International Art & Architectural Research Association), Issue 2, Summer 2009, pages 8-21, published in Iran. Also reprinted in the *International Journal of Innovation Management*.
- Steward, W. Cecil and Sharon B. Kuska, "A Design, Planning and Urban Administration Strategy for Sustainability," *Proceedings*, PLEA 2007 Sun, Wind and Architecture, 24th International Conference on Passive and Low Energy Architecture, Singapore, November 22-24, 2007.
- Kuska, S.S.B. and W.C. Steward, "The Sustainability of the Human Dimension," *In.Form*, Volume 6, The Human Aspect of Design, May 2006.
- Kuska, S.S.B., Expert Panelist, "Sustainability Roundtable: Green Design Moves from Trend to Standard," *DesignIntelligence*, Number 191, September 2005.
- Steward, W.C. and S.S.B. Kuska, "Construction and Demolition Waste," *Audio CD* of Seminar, EcoBuild America Conference, June 20-23, 2005, Orlando, Florida.
- Steward, W.C. and S.S.B. Kuska, "The Five Domains of Sustainability," *Audio CD* of Tutorial Workshop, EcoBuild America Conference, Orlando, Florida, June 20-23, 2005.
- Kuska, S.S.B., "Deconstruction Versus Demolition: A Green Alternative," *Proceedings CD*, Pacific Rim Forum 2005 Interdisciplinary conference on Economics & Environment, Juneau, Alaska, March 31-April 2, 2005.
- Steward, W.C. and S.S.B. Kuska, "Structuring Research for 'Design for Deconstruction'," *Proceedings*, DECON04 Deconstruction and Building Materials Reuse Conference, Oakland, California, September 2-3, 2004.

- Kuska, S.S.B., and P.F. Kennedy, "An Academic-Practitioner Partnership in the Recycled Building Materials Market," *Proceedings*, European Association for Architectural Education/Architecture Research Centers Consortium (EAAE/ARCC) Conference, Dublin, Ireland, June 3-4, 2004.
- Kuska, S.S.B., "Midwestern Czech Lodges: The Preservation of the Community Cultural Center," *Proceedings*, 2000 ACSA Southeast Regional Conference, Charlotte, North Carolina, October 26-28, 2000.
- Kuska, S.S.B., "The Key Word is Integration," *Connector*, Volume VIII, Number 2, Fall 1999.
- Kuska, S.S.B., "From the Start: The Integration of Technology into Design, A Case Study," *Proceedings*, European Association for Architectural Education, The Teaching of Architecture for Multidisciplinary Practice, Plymouth, England, February 4-6, 1999. Abstract published in Conference programme.
- Kuska, S.S.B., Book Review, "Shaping Structures: Statics," by W. Zalewski and E. Allen, *Journal of Architectural Engineering*, December 1998, Volume 4:4.
- Kuska, S.S.B., "The Progressive Turn-of-the-Century Farmhouse," *Proceedings*, ACSA Western Region Fall Conference, Estes Park, Colorado, October 27-30, 1994.
- Azizinamini, A. and S. Kuska, "Seismic Behavior of High-Strength Concrete Columns," *Proceedings* of Fifth U.S. National Conference on Earthquake Engineering, Chicago, IL, July, 1994.
- Azizinamini, A., Kuska, S., Brungardt, P., and E. Hatfield, "Seismic Behavior of Square High Strength Concrete Columns," *ACI Structural Journal*, Volume 91, No. 3, May-June, 1994, pp. 336-345.
- Azizinamini, A., and S.S.B. Kuska, "Flexural Capacity and Ductility of High Strength Concrete Columns," *Proceedings*, Third International Symposium on the Utilization of High Strength Concrete, Lillehammer, Norway, June 20-24, 1993.
- Khalifa, M.A., Kuska, S.S.B., and J. Krieger, "Bridges Constructed Using Fiber Reinforced Plastics," *Concrete International*, June 1993, pp. 43-47.
- Azizinamini, A., Kuska, S., Brungardt, P., and E. Hatfield, "Seismic Behavior of Square High Strength Concrete Columns," *Proceedings* of ASCE 1993 Structural Congress, Irvine, CA, April, 1993.
- Azizinamini, A., Brungardt, P., Hatfield, E., Kuska, S., and M. McDowell, "Design and Detailing of Transverse Reinforcement in High Strength Concrete Columns Subjected to Seismic Loading," *Proceedings*, National Science Foundation Grantee Workshop, Tempe, AZ, July, 1991 (abstract only).

CITATIONS

- Azizinamini, A., Kuska, S.S.B. (1993), "Flexural Capacity and Ductility of High Strength Concrete Columns," cited in *NEHRP Recommended Provisions for the Development of Seismic Regulations for New Buildings*, FEMA.
- Steward, W. Cecil and Sharon B. Kuska, Book Review on *Sustainometrics: Measuring Sustainability* by Midwest Book Review - Small Press Bookwatch, Volume 10, Number 7, July 2011.

PRESENTATIONS

REFEREED PRESENTATIONS

- Steward, W. Cecil and Sharon B. Kuska, "Making Sense of Sensible Making, Re:inventing Design Theory for Sustainable Design," AIA South Atlantic Region Conference, Atlanta, Georgia, 19-22 September 2012.
- Steward, W. Cecil and Sharon B. Kuska, "Expanding the Community Value of a Deconstruction and Second-Use Materials Store: Catching the Wave of the New Green Economy," Building Materials Reuse Association's 2011 International Conference on Deconstruction, Building Materials Reuse, and Construction and Demolition Materials Recycling (DECON 11), New Haven, Connecticut, 15-18 May, 2011. Presentations were archived on the website <http://bmra.org/resources/library/117-previous-conference-presentations>
- Steward, W. Cecil and Sharon B. Kuska, "Choosing Metrics for Sustainability," Meeting of the Minds, Omaha, Nebraska, 16-18 June, 2010.
- Steward, W. Cecil and Sharon B. Kuska, "Sustainometrics: Measuring progress toward, or regression from energy efficiency and sustainability," United Nations Economic Commission for Europe (UNECE), Vienna, Austria, 23-25 November, 2009.

- Steward, W. Cecil and Sharon B. Kuska, "Developing and Sustaining Creative Cities: A Sustainability Tool for Designers, Planners, and Public Administrators," Creative City 2008, Sustainable City and Creativity: Promoting Creative Urban Initiatives Conference, Naples, Italy, 24-26 September 2008.
- Kuska, S.S.B., "[de]Construction and Material ReUse," Focus the Nation, Nationwide Webcast, Lincoln, Nebraska, 30 January 2008.
- Steward, W. Cecil and Sharon B. Kuska, "A Design, Planning and Urban Administration Strategy for Sustainability," PLEA 2007 Sun, Wind and Architecture, 24th International Conference on Passive and Low Energy Architecture, Singapore, November 22-24, 2007.
- Steward, W.C. and S.S.B. Kuska, "The Five Domains of Sustainability," Sustainable Buildings Industry Council's EcoBuild Federal, Washington, DC, December 12-14, 2005.
- Steward, W.C. and S.S.B. Kuska, "Distributing Capacity and Influence in Community," Summit Theme Presentation to the Design Futures Council 4th Global Leadership Summit on Sustainable Design, San Francisco, California, November 5-7, 2005.
- Kuska, S.S.B. and W.C. Steward, "The Five Domains of Sustainability: A Recommended Design, Planning and Community Administration Practice," Land Development conference, Scottsdale, Arizona, November 2-4, 2005.
- Steward, W.C. and S.S.B. Kuska, "Construction and Demolition Waste," EcoBuild America Conference, June 20-23, 2005, Orlando, Florida.
- Steward, W.C. and S.S.B. Kuska, "The Five Domains of Sustainability," Tutorial Workshop, EcoBuild America Conference, Orlando, Florida, June 20-23, 2005.
- Kuska, S.S.B., "Deconstruction Versus Demolition: A Green Alternative," Pacific Rim Forum 2005 Interdisciplinary Conference on Economics & Environment, Juneau, Alaska, March 31-April 2, 2005.
- Kuska, S.S.B. and W.C. Steward, "Construction and Demolition Waste: Diversion from Landfills; Designing for DeConstruction," Building for Greener Communities National Conference, Nebraska City, Nebraska, October 4-6, 2004.
- Steward, W.C. and S.S.B. Kuska, "Mainstreaming Designing for Deconstruction," AIA/Nebraska Annual Conference, Lincoln, Nebraska, September 23-24, 2004.
- Steward, W.C. and S.S.B. Kuska, "Structuring Research for 'Design for Deconstruction'," DECON04 Deconstruction and Building Materials Reuse Conference, Oakland, California, September 2-3, 2004.
- Kennedy, P.F. and S.S.B. Kuska, "Consumers' Values and Perceived Consumer Effectiveness in the Purchase of Recycled Products: An Exploration of the Retailing of Recycled Construction Materials in the Real Estate Development, Building Construction and Home Remodeling Industries," 11th International Conference on Recent Advances in Retailing and Consumer Services Science (EIRASS), Prague, Czech Republic, July 2004. (presented by P.F. Kennedy)
- Kuska, S.S.B. and P.F. Kennedy, "An Academic-Practitioner Partnership in the Recycled Building Materials Market," European Association for Architectural Education/Architecture Research Centers Consortium (EAAE/ARCC) Conference, Dublin, Ireland, June 3-4, 2004. (presented by P.F. Kennedy)
- Kuska, S.S.B., "Midwestern Czech Lodges: The Preservation of a Cultural Community Center," ACSA Southeast Regional Conference, Charlotte, North Carolina, October 26-28, 2000.
- Kuska, S.S.B., "From the Start: The Integration of Technology into Design, A Case Study," European Association for Architectural Education, The Teaching of Architecture for Multidisciplinary Practice Conference, Plymouth, England, February 4-6, 1999.
- Kuska, S.S.B., "The American Foursquare," IDEC Midwest Region Conference, Minneapolis, Minnesota, October 11-12, 1996.
- Kuska, S.S.B., "The Progressive Turn-Of-The-Century Farmhouse," ACSA Western Region Conference, Estes Park, Colorado, October 27-30, 1994.
- Azizinamini, A., Kuska, S., Brungardt, P., and E. Hatfield, "Seismic Behavior of High Strength Concrete Columns," Structures Congress XI, Irvine, California, April 19-21, 1993.
- Azizinamini, A., Kuska, S., Brungardt, P., and E. Hatfield, "Seismic Design of Square High-Strength Reinforced Concrete Columns," ACI 1992 Spring Convention, Washington, D.C., March 1992.
- Azizinamini, A., Brungardt, P., Hatfield, E., Kuska, S.S.B., and M. McDowell, "Seismic Performance of Ultra-High-Strength Reinforced Concrete Columns," ACI 1991 Fall Convention, Dallas, Texas, November 10-15, 1991.

INVITED PRESENTATIONS

- Kuska, Sharon S. Baum, "Climate Change Facing Nebraska," AIA Nebraska Mid-Year Symposium, Kearney, Nebraska, 4 March 2020.
- Kuska, Sharon B. with W. Cecil Steward, "Sustainometrics Presentation," The Sustainability of Small and Mid-size Communities in coordination with the Association of B1G Ten City Managers and Sustainability Coordinators, Lincoln, Nebraska, 1-3 August 2018.
- Kuska, Sharon B. with W. Cecil Steward, "The City We Need, The City We Want," City and Borough of Juneau, Juneau, Alaska, 27 April 2017.
- Kuska, Sharon B. with W. Cecil Steward, "Food Security & Juneau," University of Alaska Southeast, Juneau, Alaska, 26 April 2017.
- Steward, W. Cecil and Sharon B. Kuska, "Quality of Life and Sustainability Metrics," Urban Thinkers Campus, UN-HABITAT, Omaha, Nebraska, 17 November 2015.
- Kuska, Sharon B., panelist on "Panel on the Exploration of Sustainability Design Research," Hyde Lecture Series, UNL/JISC, Lincoln, Nebraska, 20 February 2015.
- Kuska, S.S.B., "Conversations Conferences Background and History," JISC Conversations Conference, Lincoln, Nebraska, 11 February 2011.
- Kuska, S.S.B., "Leadership and EcoSTEP Initiative Takes on China," Design Futures Council Leadership Summit on Sustainability, Atlanta, Georgia, 6 October 2010.
- Steward, W.C. and S.S.B. Kuska, Workshop Facilitator for EcoSTEP as part of a Regional Planning Process, Medellin, Columbia, May 2010.
- Steward, W.C. and S.S.B. Kuska, "Sustainability and the Development of Safe, Efficient, and Lasting Communities," Interfaith Power and Light Membership Meeting, Lincoln, Nebraska, 24 November 2008.
- Kuska, S.S.B., "Women in Design," Osher Lifelong Learning Institute (OLLI), Lincoln, Nebraska, 28 April 2008.
- Kuska, S.S.B., "Women in Design: Names, Faces, Difference Makers," Keynote, Society for Design Administration Tri-Chapter Conference, Lincoln, Nebraska, October 14, 2006.
- Kuska, S.S.B. and W.C. Steward, "Green Building," Partners in Pollution Prevention Program, Lincoln, Nebraska, July 3, 2006.
- Steward, W.C. and S.S.B. Kuska, "Green Design/Sustainable Development: The Second Wave of Change in Practice," Keynote Presentation, NE/IA Chapter ASID Mini-Conference, Omaha, Nebraska, June 17, 2005.
- Kuska, S.S.B., "Flatwater Metroplex Discussion," Southeast Chapter of the Nebraska Society of Professional Engineers, Lincoln, Nebraska, December 8, 2004.
- Kuska, S.S.B., and B. Gabb, "Department of Architecture Portfolio Review Process," UNL Teaching and Learning Center's Program Assessment Workshop, February 25, 2001.
- Kuska, S.S.B., and B. Gabb, "The Ins and Outs of Houses," Public Presentation, Tecumseh, Nebraska, October 25, 1997.
- Kuska, S.S.B., "NAFTA Architectural Education Consortium Exchange Promotion Presentation," University of Toronto, Toronto, Ontario, March 21, 1996; University of Montreal, Montreal, Quebec, March 22, 1996.
- Kuska, S.S.B., Panelist, "Diversity and Sexual Harassment Workshop," Department of Architecture, University of Nebraska-Lincoln, Lincoln, Nebraska, Fall 1996.
- Kuska, S.S.B., "Life in the Blender," UNL Women's Center, Lincoln, Nebraska, November 3, 1995.
- Kuska, S.S.B., "Careers in Architecture, Interior Design and Engineering," SMART Lock-in, Hebron High School, Hebron, Nebraska, April 28, 1995.
- Kuska, S.S.B., "The Ireland Experience," Exeter Public Schools, Exeter, Nebraska, March, 1994, 1995, 1996.
- Architecture and the Great Plains The Built Environment, Past and Present, 17th Annual Interdisciplinary Symposium, chair of the plenary session, "Architecture and the Great Plains: The Issues," Lincoln, Nebraska, April 1993.
- Kuska, S.S.B., "Impact, Identity, Influence," Facing Issues: Women Faculty in the Structural Engineering Professions Conference, Snowbird, Utah, April 8-10, 1993.
- Kuska, S.S.B., "Stress - Manage It," Facing Issues: Women Faculty in the Structural Engineering Professions Conference, Snowbird, Utah, April 8-10, 1993.

CONSULTING PROJECTS

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- GSA BCIS office/warehouse proposal, Hutchinson Design, 2003 (LEED consulting).
Woods Park Neighborhood Association Sign Structural Integrity Analysis, Lincoln, NE, 1995.

Fiber Reinforced Plastic Cable-Stayed Pedestrian Bridge Tower Design, 27th Street and Nebraska Highway 2, Consulting with Magdi Khalifa, Ph.D., Lincoln, NE, 1994.

PROFESSIONAL DEVELOPMENT

CONFERENCE, CONVENTION, AND WORKSHOP PARTICIPATION

2019 Women's Leadership Summit: Reframe, Rethink, Refresh, Minneapolis, MN (2019)
Summer Institute for Online Teaching, UNL, Lincoln, NE (2018, 2020)
Design Futures Council Leadership Summit on Sustainable Design, Dallas, TX (2015)
Licensing Advisors Summit, NCARB, San Diego, CA (2015) 7.0 LUs
Nebraska Society of Professional Engineers State Annual Meeting, Lincoln, NE (2015) 7.0 PDUs
Design Futures Council Leadership Summit on Sustainable Design, Minneapolis, MN (2013)
Rural Futures Conference: Connection Innovation, Lincoln, NE (2012)
World Design Forum Think Tank, Design Futures Council Executive Committee and Senior Fellows, Cerrone, Italy (2010)
"Meeting of the Minds," New York, NY (2009)
CICL 101 and 102, Beginning Chinese Language I and II, University of Nebraska-Lincoln Confucius Institute, (2008)
"Lincoln Electric System Wind Turbine Generators," Lincoln, NE (2007)
"Every Engineer's Duty: What Tragedy has Taught Us About Professionalism, Ethics, Leadership and Public Safety," Webcast (2007)
Design Futures Council Leadership Summit on Sustainable Design, Austin, TX (2007)
AISC Spring Workshop for Educators, Chicago, Illinois (2006) 4.0 PDH's
"People Skills for Leaders," Columbus, Nebraska (2004)
Greening the Homestead National Monument Charrette, National Park Service, Beatrice, Nebraska (2004)
World Urban Forum II, United Nations-HABITAT, Barcelona, Spain (2004)
Joint Annual Meeting, jam'04, Nebraska Society of Professional Engineers and American Council of Engineering Companies, Lincoln, Nebraska (2004)
Winter Cities Forum/International Association of Mayors of Northern Cities Conference, Anchorage, AK (2004)
Design Futures Council Leadership Summit on Sustainable Design, St. Louis, MO (2003)
"Lessons Learned – After the Attacks on the World Trade Center," Omaha, NE (2003)
International Green Building Conference and Expo, Austin, TX (2002)
Leadership in Energy and Environmental Design (LEED) Training Workshop, Austin, TX (2002)
"Green Power," Grand Island, NE (2001)
"Improving Your Project Management Skills," Columbus, NE (2000)
Second Annual "University of Nebraska-Lincoln Faculty Retreat," Grand Island, NE (1999).
Program for North American Mobility in Higher Education, Annual Project Directors Meeting, Mexico City, Mexico (1999), Deerhead, Ontario (1998), Vancouver, British Columbia (1997).
"National Association of Women in Education, Emerging Women Leaders in Higher Education Institute," College Park, Maryland (1998).
"County Land Use and Zoning Seminar for Counties and Cities," Tecumseh, Nebraska (1998)
"High Performance Steel: New Horizons in Steel Bridge Construction," Lincoln, NE (1997).
American Collegiate Schools of Architecture, "Teaching Structural Creativity", Milwaukee, Wisconsin (1996).
Association of American Colleges Cultural Legacies Institute, "Teaching Cultural Difference as General Education", Philadelphia, PA (1994), Member of the "Democracy and Multiculturalism: Exploring the Intermediate Steps" Study Group.
Workshop, "Women in Academe: Sorting Roles, Setting Priorities," Nebraska ACE/NIP Coordinating Committee, Mahoney State Park, NE (1994).
STAAD III and AutoSTAAD Computer Seminar, Overland Park, KS (1992).
11th Annual Structural Conference, "Understanding Computerized Modeling and Design," University of Nebraska and Nebraska Section of ASCE, Omaha, NE (1991) 0.75 CEUs.
Structural Seminar, "Overview of PCC Structural Design Software and Applications Workshop," Nebraska Chapter of ACI, Omaha, NE (1991).

Seminar, "Wind Effects on Buildings and Structures," University of Missouri-Columbia and Kansas City Section of ASCE, Kansas City, MO (1990) 1.6 CEUs.
10th Annual Structural Conference, "Design and Detailing of Masonry," University of Nebraska, Nebraska Chapter of ASCE and Nebraska Masonry Institute, Omaha, NE (1990) 0.75 CEUs.
Seminar, "Designing and Building for Earthquakes in Southern California," AIA, FEMA, Southern California Earthquake Preparedness Project, Los Angeles, CA (1989)
Structural Seminar, Architectural Licensing Seminars, Chicago, IL (1989)
Workshop, "Microcomputer Applications in Structural Engineering," AlphaTech Consultants, Denver, CO (1989) 1.2 CEUs.
ACSA Technology Conference, San Francisco, CA (1988)
Annual Structural Conference, Nebraska Section of ASCE, Omaha, NE (1987).

ADVISING RESPONSIBILITIES

Advisor for Madeline Kenny, dual degree student in the M.Arch-BSCE program (2020)
Academic advisor for students expressing interest in or currently enrolled in the dual degree BSAS-BSCE program (1995-2015), along with standard assignment of professional program advising of approximately 20 upper-level students each year
Academic advisor for 15 upper-level students (1996-1999), along with 300 undergraduate 1st and 2nd year students (1995-1996, 2000)
Chief Academic Advisor for University of Nebraska at Omaha Pre-Architecture and Pre-Interior Design majors (1999-2001)
Department of Architecture Honors Program Student Advisor (1997-2001)
New Student Enrollment Academic Advisor (Summer 1991, 1993-5, 1999-2001)
College of Architecture general registration advisor (Fall 1993)

SERVICE

COMMUNITY AND PROFESSIONAL

Tenure and Promotion Review for Shideh Shadravan, University of Oklahoma (2019)
Tenure Review for Saadet Beeson, University of Texas-San Antonio (2015)
Milligan Methodist Church Building Committee, Design consultation (2010)
Douglas County Environmental Services, Kent Holm, Director, Built model and conducted class service learning project on stormwater sustainability and green roofs, (2009-2010)
Bruning Nebraska Library Committee, Structural consultation (2009)
Judge for NSPE State Model Bridge Competition, Aurora, NE (2005)
Construction Management Program Chair Search Committee (2005-2006)
The Joint Committee on Professional Practice (2004-2006)
Nebraska Society of Professional Engineers Education Foundation (2005-2006, ex-officio)
Participated in the Homestead National Monument of America Green Charrette, Beatrice, NE (2004)
Architectural Engineering Chair Search Committee (2004)
American Collegiate Schools of Architecture (ACSA) Faculty Councilor from UNL (2002-2004)
Civil Engineering Voelte-Keegan Distinguished Chair in Civil Engineering Search Committee (2001-2002)
Civil Engineering Search Committees for the following positions (2000-2001):
 Endowed Chair in Geotechnical Engineering
 Geotechnical Engineering Faculty position
 Structural Engineering Research Associate position
Fillmore County 4-H and Fair Boards, Design for a Mobile 4-H Food Stand (1998)
Veterans of Foreign Wars (VFW), Humboldt, Nebraska, Structural consultation in cooperation with a student designing a memorial (1998)

Fillmore County Steering Committee for the Development of a Comprehensive Plan for Fillmore County (1997-9)
Served as consultant to the Fillmore County Planning and Zoning Board in their efforts to develop a county-wide zoning plan.

Exeter Softball/Baseball Association, Founder (1997-2000) Organized the Big Red Softball Camp (1997)

Fillmore County Planning and Zoning Commission Member (1996-7) Involved selection of a firm to assist and guide communities within Fillmore County in structuring a Planning and Zoning Board for future development.

Center for Infrastructure Research Director Search Committee (1995-6)

Civil Engineering Structures Faculty Search Committee, Omaha Campus (1995-6)

Homestead Girl Scout Council Service Center Search Task Group (1993-5) Assisted the Council in their search for a different facility.

Midwest Transportation Safety Facility Director Search Committee (1992)

Center for Infrastructure Research Director Search Committee (1991)

St. Patrick's Catholic Church, McCook, Nebraska, Parking lot improvements (1991)

Tecumseh Public Library, Tecumseh, Nebraska, Evaluation of function and future of existing Carnegie Library. Provided preliminary information for application to the National Register of Historic Places (1990)

St. Augustine's Episcopal Church, Dewitt, Nebraska, Structural survey of flood damage (1990)

Civil Engineering Faculty Search Committee (1988-90)

City, Lincoln, Nebraska, Structural design for the Piedmont Park Gazebo (1987)

St. John's Lutheran Church, Ohio, Nebraska, Design for accessibility issues (1987)

UNIVERSITY OF NEBRASKA

Chancellors Environment, Sustainability, and Resilience Commission (2019-2022), Executive Committee Member and Co-chair of the Campus Operations Subcommittee

Academic Solutions Council (2018-2022)

Faculty Affairs College Liaisons (2018-present)

University-wide Assessment Committee (2018-2022)

Education Abroad Advisory Committee (2018-2020)

Academic Technologies Advisory Committee (2018-present)

Task Force on Professional Conduct (2018-2019)

Ad Hoc Associate Dean Committee on RCM Impact (2018-2019)

University Curriculum Committee (2010-2022) plus the Achievement Centered Education Sub-committee (2010-2022)

Combined Campaign Chair for the College of Architecture (2018)

Executive Vice Chancellor Search Committee (2016, 2019)

Environment and the Society Minor Coordinating Committee (2015-present)

Cabela's UNL Education Fund Advisory Committee (2013-2016)

Faculty ACE Review team, Outcome 9 (2015)

Program Review Committee for the Durham School of Architectural Engineering and Construction (2009)

Academic Rights and Responsibilities Panel (2005-2008)

Mentor for Erica Bowden, Ph.D. candidate, in the "Preparing Future Faculty" program (2005-2006)

Fulbright Committee (2004-2007)

Committee on Committees (2001-2004)

Women's Studies Curriculum Committee (2000-2006)

International Affairs Advisory Committee (2000-03)

Employee Emergency Loan Fund Advisory Council (1994-2003)

University-Wide Assessment Committee (1999-2001)

University Admissions and Advising Committee (1999-2001)

University Advising Services Steering Team (1999-2001)

University Recruitment Coordination Committee (1999-2001)

Freshman Experience Task Group, Chair of the Freshman Seminar Subcommittee (1998-2000)

SIS Executive Committee (1999-2000)

Intercollegiate Athletics Committee (1997-2000), Secretary 1999-2000.

Student-Athlete of the Year Selection Committee (1998-2000)

1997-8 Student Leadership Award Selection Committee
1997-8 Leadership Advancement Award Selection Committee
NCAA Certification Committee (1996-8) Commitment to Equity Sub-committee. Developed the chapter of the self-study related to equity issues as a foundation for the certification process of the Athletic Department.
University Judicial Appeals Board (1995-8)
Academic Senate (1996-9)
Academic Senate Executive Committee (1996-9)
Faculty Senate Grading Committee (1987-90)

COLLEGE OF ARCHITECTURE

College Faculty Affairs Committee (2018-2022)
College Curriculum and Student Affairs Committee (2018-2022)
College Leadership Team (2018-present)
EcoHuskers (2018-present)
College Promotion and Tenure Committee (2011-2016, chair 2014-6)
Co-author of the Annual Evaluation Form (approved in 2017) and Guidelines for the Annual Evaluation of Faculty for Reappointment, Merit, Promotion, and Tenure (approved in 2021)
Transition Committee, Hixson-Lied/College of Architecture (2013-2015)
College Scholarship Committee (2012-2015, chair)
Promotion and Tenure Process and Criteria Task Force (2014-2015, chair)
Learning Resources and Library Committee (2010-2012)
College Grading Appeals Committee (1999-2001, chair)
College of Architecture Alumni Association Board of Directors (1999-2002)
International Programs Committee (1998, chair)
Publications Committee (1994-8)
Promotion and Tenure Liaison Committee (1987-99)
Hyde Speakers and Exhibits Committee (1987-94; chair 1989-91, 1999-2001)
Architecture College Council (1993-4, 1999-2002)
College Curriculum Committee (1986-7, 1999-2001 as ex-officio)

DEPARTMENT/PROGRAM

Faculty Secretary (2008-2010, 2018-2019, 2020-2021)
Faculty Affairs Committee (1995-8, 2009-2011 Chair), Basic Design Faculty Search Committee Chair (1995-6)
Graduate Committee (2002-3, 2009-2010)
Professional Program Committee (2003-4)
International Education Opportunities Review AdHoc Committee (1997-8)
MARCH Admission Sub-committee (1998)
Student Affairs Committee (1992-5, 2006-9, 2008-9 chair, 2012-5, 2014-5 chair), Scholarship Sub-committee
American Institute of Architecture Students (Advisor 1993-6)
Ad Hoc Committee for Architecture 430 (old 412) (1993-5)
Undergraduate Admissions Committee (1994-2000)
Department Chair Search Committee (1994)
Faculty Search Committee (1987-91; chair 1990-1; 1993-4, 2005-8; chair 2008-9)
Interior Design Faculty Search Committee (1993)
Math Ad Hoc Committee (1991-3)
Professional Curriculum Committee (1986-91)
Departmental Advisory Board (1986-90; chair 1988-90)
Ad Hoc Curriculum Reorganization Committee, Technology Sub-committee (Chair 1989-96)

OTHER DEPARTMENT ACTIVITIES AND RESPONSIBILITIES

Faculty Mentor for Nate Krug (1994-6), Jenifer Watson (1996-9), Camilla Rice (2007-2011), Miyoung Hong (2018-2019)
Peer Reviewer for Professor Al Stone (1996-7), Zhenghong Tang (2018-9)

Co-wrote the Undergraduate Student Guide for the Department of Architecture (1994-5)

Developed the dual degree program of study for the BSAS-BSCE degrees (1995); changed to MARCH-BSCE degrees (2000)

Created activities for A-Festival Celebrations for elementary and high school students (1995, 1996)

Advised and assisted the AIAS with Architecture Week, including speakers, design critiques, and the Beaux Arts Ball (1994)

Developed the Architecture Hall Building Security and Safety Policy with Matthews (1993)

Developed Directed Elective Packages in Structures (1989) and Building Technology (1989)

Coordinated the Wood Design Seminar, "Engineered Wood Systems: Contemporary Construction Applications," Lincoln, NE (1989). Assisted in coordination (1991, 1993, 1995, 1997)

Developed a Student Course Evaluation Form and Policy with Guenter (1987)