

SARAH THOMAS KARLE

GENERAL INFORMATION

April 2015

1. Education

- 2010 Master of Landscape Architecture (MLA), Harvard Graduate School of Design
(Norman T. Newton Prize)
- 2005 Bachelor of Landscape Architecture (BLA), Louisiana State University

2. Professional appointments

- 2014-2016 Scott Killinger Professorship in Landscape Urbanism, University of Nebraska-Lincoln
- 2010-Present Assistant Professor, Landscape Architecture and Community and Regional Planning,
University of Nebraska-Lincoln. Lincoln, NE
- 2008 Intern Landscape Designer, EDAW|AECOM. Atlanta, GA
- 2005-2008 Associate Landscape Designer, Hughes Good O'Leary and Ryan. Atlanta, GA
- 2005 Landscape Designer, Edward D. Stone and Associates (EDSA). Orlando, FL
- 2004 Intern Landscape Designer, P.L. Design. Bangkok, Thailand

3. Membership in academic, professional, and scholarly societies

- 2014-Present American Society of Landscape Architects (ASLA)
- 2013-Present Tau Sigma Delta Honor Society, Psi Chapter
- 2010-Present The International Honor Society of Sigma Lambda Alpha, Beta Eta Chapter

4. Honors and awards

- 2014 Omicron Delta Kappa Professor of the Month, University of Nebraska-Lincoln
- 2012 University of Nebraska-Lincoln Parent Association and Teaching Council Certificate of
Recognition for Contribution to Students
- 2011 University of Nebraska-Lincoln Parent Association and Teaching Council Certificate of
Recognition for Contribution to Students
- 2011 Mortar Board Professor of the Month, University of Nebraska-Lincoln
- 2010 Harvard Graduate School of Design Norman T. Newton Prize
- 2005 American Society of Landscape Architecture National Certificate of Merit
- 2005 Thesis Award in History and Design Theory
- 2005 TOPS Achievement Scholarship, Louisiana State University
(Tuition waiver for all 5 years undergraduate education)
- 2004 Undergraduate Studio Award (High Achievement), Louisiana State University
- 2004 Undergraduate History and Design Theory Award (High Achievement),
Louisiana State University

TEACHING
(75% Full Time Employment)

1. Courses taught with primary administrative responsibility

a. LARC 211, Advanced Site Design, Spring 2015 (Credit 4)

b. DSGN 110, Design Thinking, Fall 2014 (Credit 3)

Co-taught with Professors Brian Kelly and Ian Cottingham

Enrollment: 155 students

Course Description: Introduction to an approach to problems employing a user-focused, iterative, team-based process. Through experiential labs, lectures, workshops, and class discussions students practice design thinking to promote innovation in a wide variety of disciplines.

Outcomes and Impact:

- **2014 Presented blended learning course pedagogy** at the University of Nebraska-Lincoln Blended Learning Colloquium, Lincoln Nebraska.
- **2014 Presented blended learning course pedagogy** at the Council of Educators in Landscape Architecture (CELA) annual conference.
- **4 presentations** on course development to faculty and the Professional Advisory Committee in the College of Architecture.

c. LARC 497, Ecological Planning and Urban Design, Fall 2013 (Credit 5)

Co-taught with Professor Kim Wilson

Enrollment: 16 students

Course Description: Landscape design in relation to ecological and cultural landscape systems. Projects that emerge from research explore ecological design and the design and management of infrastructure and natural resources at both the site and regional scales.

Outcomes and Impact:

- **2013 Service-Learning course, *A Missouri River Vision*:** A service-learning studio will assist the Back to the River foundation and the City of Council Bluffs in a “hands on” environmental planning process. The goal of the process is to allow stakeholders to formulate a plan based on a described vision of what could be that is grounded in a thorough understanding of natural and cultural assets, and to incorporate design principles, current industry standards and green infrastructure strategies. The vision will be translated to a framework plan describing plan relationships and expectations for existing and proposed land uses, open spaces, vehicular access and circulation and pedestrian linkages connecting the city to the river. The framework plan will be divided into riverfront districts for further site design strategies.
- **2014 *Flood Resilience: A Green Infrastructure Plan for Council Bluffs*, Central States ASLA Student Honor Award.**
- 2014 Spring Service-Learning course taught by Kim Wilson developed from fall studio.
- 2013 *A Missouri River Vision* is funded by the **Rural Futures Institute Teaching and Engagement Grant**.
- 2013 *A Missouri River Vision* stakeholder group includes **29 experts** representing different public and private groups along the river.
- 2013 Funding from the Back to the River foundation provided an experiential learning field trip for students to Louisville, Cincinnati, and Indianapolis to document built riverfronts and engage with professional landscape architects, planners, and architects.

d. LARC 340, History/Theory in Contemporary Landscape Architecture, Spring 2014; Fall 2012, 2011 (Credit 3)

Enrollment: 10-25 students

Course Objectives: Introduction to an extensive body of knowledge related to contemporary landscape history and theory. The work completed in this course should demonstrate a comprehensive and theoretical knowledge of past and present movements in the field.

Outcome and Impact:

- **2015 Invited Poster Presentation** of course pedagogy at the University of Nebraska-Lincoln Teaching and Learning Symposium
- **2014 Presented blended learning** course pedagogy at the University of Nebraska-Lincoln Blended Learning Colloquium, Lincoln Nebraska.
- **2013 Presented blended learning course pedagogy at the Council of Educators in Landscape Architecture (CELA) annual conference.**
- **2013 Course changed to a blended-learning course.**
- 2012 Ace Certification from the University of Nebraska-Lincoln.
- 2011 Developed course for the Landscape Architecture Program curriculum.

e. LARC 310, Design Studio 1: Site Design, Fall 2012, 2011, 2010 (Credit 5)

Enrollment: 10-15 students

Course Objectives: Design studio that applies theoretical, analytical, conceptual, design, and communication skills in landscape architecture. Applied problem types at various scales, emphasize procedures and skills needed for the translation of research, site analysis, programming and conceptual ideas, from two-dimensional media to physical design of three-dimensional form. Emphasis is on the development of critical thinking, spatial literacy, and design process skills.

Outcome and Impact:

- **2010 Service-Learning Course, Doane College:** Strategies for a Sustainable Campus assisted administrators of Doane College with ideas for campus improvement projects ranging in scale from site specific strategies to campus framework plans. Students had the opportunity to tour the campus and meet with Doane administrators, facilities staff, and students.
- 2010 The article, "UNL Landscape Architecture Students Visit Doane, Study Campus," was published in the *Doane Owl*, Doane's campus newspaper, referencing the studio and student work.
- 2010 Developed course for the Landscape Architecture Program curriculum.

f. LARC 311, Design Studio 2: Site and Building, Spring 2014, 2013, 2012, 2011 (Credit 5)

2014 Course re-designed due to program curriculum changes

2013 Co-taught with Assistant Professor David Karle

2012 Co-taught with Assistant Professor Timothy Hemsath

2011 Co-taught with Associate Professor Jeff Day

Enrollment: 15-30 students (10-15 LARC students and 10-15 ARCH students)

Course Objectives: Intermediate, interdisciplinary studio focused on the integrated relationship between architecture and landscape design, including site circulation, land use regulation, water resource management, and land development.

Outcome and Impact:

- **2014 Service-Learning Course, Advanced Site and Building Design for Love Library North**
- **2013 Service-Learning Course, Tactical Campus Strategies:** Assisted administrators of the University of Nebraska with ideas for the campus master planning process. Projects ranged in scale from campus wide inventory and analysis to framework plans, building massing, and site design. Students had the opportunity to be part of UNL Plan Big master planning process and received professional feedback from Sasaki Associates during the process.
- 2013 Student project, *Revitalizing the Academic Core*, received Great Plains Chapter **ASLA Honor Award** as part of a service-learning studio.
- **2012 Service-Learning Course, Prairie Pines:** Assisted Jim Brandle, Professor of the School of Natural Resources, in locating a potential site for a high school campus. The studio published a final report for Mr. Brandle assessing different site locations, building massing strategies, and site design options.
- 2011 Hosted three distinguished jury members for reviews: Gina Ford, Principal of Sasaki, Watertown, MA; Anne Trumble, Founding President of Emerging Terrain, Omaha, NE; and Chris Reed, Founding Principal of STOSS LU, Boston, MA.
- 2011 Studio Work exhibited at University of Nebraska-Lincoln's Red Letter Day.

- g. LARC 230, Site Systems 1: Materiality in Landscape Architecture, Spring 2013, 2012, 2011 (Credit 3)**
 Enrollment: 10-15 students
Course Objectives: Introduction to an extensive body of knowledge related to landscape materials and detailing, with the objective to create a foundation for advanced landscape materials and detailing research.
Outcome and Impact:
- 2012 Generated a course portfolio for the University Program Peer Review of Teaching.
 - 2011 Coordinated the Nebraska Concrete Masonry Associations (NCMA) student competition where two students received scholarships.
 - 2011 Developed course for the Landscape Architecture Program.
 - 2011 Developed an AUTOCad booklet for the class.
- h. LARC 497, Capstone Projects, Spring 2014; 2013; 2012; 2011 (Credit 5)**
 Professor Karle has advised **seven** landscape architecture students who completed capstone projects.
- 2014 Matthew Macchietto, *Lead Remediation*, Lincoln, NE.
 2013 Tony Schukei, *Bicycle Friendly UNL*, Lincoln, NE.
 2013 Michael Killeen, *Destination Airport*, Lincoln, NE.
 2012 Michael Hendrichs, *Sarpy County Growth*, Lincoln, NE.
 2012 Allison Ingunza, *Doane College: Academic Open Space Development*, Lincoln, NE.
 2011 Steven Timko, *Hybridization of Ecologies*, Lincoln, NE.
 2011 Eric Silvey, *Flooding Along the Elkhorn River*, Lincoln, NE.
- Nominated for the departmental Herminghaus Award.
 - Presented his work at Pecha Kucha Night in Omaha, NE.
- i. ARCH 513/614, Architecture Thesis Review Committee, Spring 2013, 2011**
 Professor Karle was on **two** architecture thesis review committees.
- 2013 Daniel Williamson, *Water Core Home*, Lincoln, NE. (Primary advisor David Karle)
- Finalist for department thesis award.
 - Forthcoming published thesis project in Water Index, University of Virginia.
- 2011 Kristin Harbert, *Wide Lanes of Reality*, Lincoln, NE. (Primary advisor Jeff Day)
- j. Research mentor - Undergraduate Creative Activities and Research Experience (UCARE) and independent research studies**
- 2014 Faculty Sponsor, Undergraduate Creative Activities and Research Experience, Kaylyn Neverve, *Dutch Polder*.
 2013 Faculty Sponsor, Undergraduate Creative Activities and Research Experience Matthew Macchietto, *Omaha Lead Remediation*.
 2012 Faculty Sponsor, Undergraduate Creative Activities and Research Experiences Nathan Krohn, *Digital Modeling in Landscape Architecture*.
 2012 Faculty Sponsor, Undergraduate Creative Activities and Research Experiences Matthew Macchietto, *New York City Case-Studies*.
 2011 Faculty Sponsor, Undergraduate Creative Activities and Research Experiences Nathan Krohn, *Green Infrastructure Strategies for Central Park*.
- 2. Guest lecturer in other courses**
- 2014 *Contemporary Landscape Architecture*. **DSGN 101**, Introduction to Design, University of Nebraska-Lincoln.
 2012 *Site Inventory and Analysis*. **LARC 101**, Survey of Landscape Architecture, University of Nebraska-Lincoln.
 2011 *Design Research*. **ARCH/IDES 497/597L**, London Seminar, University of Nebraska-Lincoln.
 2011 *Design Research*. **ARCH 510/IDES 450**, Design Studio, University of Nebraska-Lincoln.
 2011 *Design Research*. **LARC 101**, Research Methods, University of Nebraska-Lincoln.
 2011 *Site Inventory and Analysis*. **LARC 101**, Survey of Landscape Architecture, University of Nebraska-Lincoln.
 2011 *Contemporary Landscape Architecture*. **LARC 101**, Survey of Landscape Architecture, University of Nebraska-Lincoln.

- 2011 *Dutch Urbanism*. **ARCH 461/LARC 461**, Urbanism, University of Nebraska-Lincoln.
- 2011 *Introduction to Landscape Architecture*. **IDES 106**, Survey of Interior Design, University of Nebraska-Lincoln.
- 2010 *Contemporary Landscape Architecture*. **LARC 101**, Survey of Landscape Architecture, University of Nebraska-Lincoln.
- 2010 *Introduction to AutoCAD*. LARC 330, Site Systems II: Grading and Drainage, University of Nebraska-Lincoln.

3. Teaching symposiums or training meetings

a. Teaching posters and presentations

Karle, S.T., Brown, S. 2015. *Applying Blended Learning Methods to Improve Socratic Dialogue in an Undergraduate Landscape Architecture History and Theory Course*. Poster Presentation, Teaching and Learning Symposium, University of Nebraska-Lincoln.

Karle, S.T. 2015. *Assessment Strategies for Studio Based Curriculum*. Peer Review of Teaching Program, University of Nebraska-Lincoln.

Karle, S.T. 2014. *Blended Learning Methods for Socratic Dialogue*. *Blended Learning Colloquium*, University of Nebraska-Lincoln.

Kelly, B., **Karle, S.T.**, and Brown, S. 2014. *Blended Learning Methods in Design Thinking*. *Blended Learning Colloquium*, University of Nebraska-Lincoln.

Karle, S.T., Kelly, B., and Brown, S. 2014. *Design Thinking Course Development*. College of Architecture Professional Advisory Committee Meeting, University of Nebraska-Lincoln.

Karle, S.T., Kelly, B. and Brown, S. 2013., *Design Thinking Course Development*. College of Architecture Professional Advisory Committee Meeting, University of Nebraska-Lincoln.

Karle, S.T., Kelly, B., and Brown, S. 2013 *Design Thinking Course Development*. College of Architecture Faculty Retreat, University of Nebraska-Lincoln.

Karle, S.T. 2013. *Assessment Strategies for Studio Based Curriculum*. Peer Review of Teaching Program, University of Nebraska-Lincoln.

b. Professional development

Professor Karle has attended teaching workshops and mentoring programs to develop her approach in teaching, learning and assessment.

- 2014 *College of Architecture Blended Learning Community*. Sydney Brown, University of Nebraska-Lincoln.
- 2013 *Research with Public Participation*. Barbara Wilson, The University of Texas at Austin, Austin, Texas.
- 2013 *Methods for Blended Learning*. The National Sloan Consortium Conference for Online Learning, Milwaukee, Wisconsin.
- 2012 *Peer Review of Teaching Program*. The University of Nebraska-Lincoln.
- 2011 *Peer Review of Teaching Program*. The University of Nebraska-Lincoln.

4. Course evaluations (reference appendix)

5. Evidence of regional and national recognition

a. Invited jury member

Professor Karle has been invited to attend **five design** juries at Kansas State University, Iowa State University, Washington University in St. Louis, Louisiana State University, and Arizona State University.

b. Contributing lectures and jurors

Professor Karle has included prominent professionals in classroom learning as lecturers and jurors. The number and diversity of participating professionals not only enriches the students' learning experience but also increases their exposure to the profession. Also, it increases the professionals' awareness the University of Nebraska-Lincoln. She has hosted **six internationally recognized landscape architects and over 25 professionals** including landscape architects, architects, engineers, ecologist and planners.

6. Teaching effectiveness

a. Faculty awards and honors

- 2014 Omicron Delta Kappa Professor of the Month, University of Nebraska-Lincoln
- 2012 University of Nebraska-Lincoln Parent Association and Teaching Council Certificate of Recognition for Contribution to Students
- 2011 Mortar Board Professor of the Month, University of Nebraska-Lincoln
- 2011 University of Nebraska-Lincoln Parent Association and Teaching Council Certificate of Recognition for Contribution to Students

b. Student awards, honors, publications and presentations

- 2015 Daniel Williamson, *Water Core Home*, Water Index, University of Virginia School of Architecture and Actar Publishers (Forthcoming May).
- 2014 *Flood Resilience: A Green Infrastructure Plan for Council Bluffs*, Central States ASLA Student Honor Award.
- 2014 Nathan Krohn, *Flood Resiliency*, Undergraduate Creative Activities and Research Experience Poster (UCARE).
- 2013 Nathan Krohn, *Flood Resiliency*, Rural Futures Poster Contest (RFI), University of Nebraska-Lincoln.
- 2013 Aaron Gall, Sarah Hitchcock, Sal Lindquist, *Revitalizing the Academic Core*, Great Plains Chapter ASLA Honor Award
- 2012 Nathan Krohn, *Green Infrastructure Strategies for Central Park*, **Undergraduate Creative Activities and Research Experience Poster (UCARE)**, University of Nebraska-Lincoln.
- 2011 Matthew Macchietto and Heather Tomasek, *Brick Paver*, **1st Place NCMA Masonry Competition**, University of Nebraska-Lincoln.

c. Contributions in course and curriculum development

2015 Hyde Layered Drawing Workshop

Professor Karle planned a graphic workshop with Associate Professor Cat Marshall from Louisiana State University. Ms. Marshall is a recognized representational theorist in landscape architecture and was on UNL's campus for a week in February to present her work to 80 students across the college and gave students feedback on their individual projects. The one credit blended learning course was available to all students in the program of Landscape Architecture.

2010-2015 Course Development for the Program of Landscape Architecture

Over four years Professor Karle has developed **7 courses** for the Program of Landscape. Courses include: Design Studios LARC 211, 310, 311, 497, LARC 340 History Theory of Contemporary Landscape Architecture, LARC 230 Site Systems and DSGN 110 Design Thinking. Of the 7 courses 2 courses utilize a

service-learning pedagogy and 2 course use blended learning methods.

2013 College of Architecture Outcome-Based Common First Year, *d.oNE*, Initiative

Professor Karle was a co-coordinator of a college-wide initiative, *d.oNE*, which established eight common undergraduate freshman courses for all students enrolled in the College of Architecture. She facilitated the development of an outcomes-based curriculum focused on learner-centered education strategies. A central question to the curricula development process was how blended learning strategies could be integrated into freshman courses. The initiative **included 16 faculty members from the College of Architecture.**

2013 College of Architecture Blended Learning Course Development, *d.Think*

Professor Karle was part of an interdisciplinary teaching team that developed one of the eight common courses, *d.Think*, a new blended learning introductory design course offered to 180 freshman students across the university. The course was highlighted in the *Good NUz* publication for alumni of the University of Nebraska and is a pilot blended learning course for the Office of Online and Distance Education.

2013 College of Architecture Digital Landscape Architecture Graphic Workshop

Professor Karle planned a graphic workshop with Andrew Ten Brink, a designer at James Corner Field Operations in New York. Mr. Ten Brink was on UNL's campus for three days in January to present his professional work and provide a graphic workshop on digital drawing methods. Students, faculty and local professionals were invited to participate in the workshop. Over **100 people** attended the workshop.

2012 College of Architecture High School Workshop

Professor Karle co-taught the College of Architecture's High School Workshop. This workshop provides high school students a unique opportunity to investigate issues surrounding design and learn more about the design professions of architecture, landscape architecture and interior design. The workshop provides learning opportunities in the form of design studio explorations, seminars and discussions, field trips and video presentations. The central focus of the workshop is a studio where design issues are explored and creative energies are nurtured. As part of the workshop students visited professional offices, learned about various career opportunities, and developed fundamental skills necessary for the study of design.

2011 College of Architecture Landforms Workshop

Professor Karle planned a grading workshop with the firm STOSS LU from Boston, MA, and Nebraska Machinery Company. Principal Scott Bishop was on UNL's campus for three days in October to present his work and participate with students on a grading charrette. Elements from the student projects were compiled into one file and the file was built on the testing ground of Nebraska Machinery Company. Students, faculty, and local professionals were invited to participate in the installation as well as attend Scott Bishop's lecture. Over **50 people attended the installation.**

d. Teaching grants and funds

Total funding to date: \$21,500

Agency/title of grant:	Rural Futures Institute Teaching and Engagement Grant/ <i>Engaging Nebraska, Impacting Communities, Transforming Students</i>
Duration of funding:	5/1/13-5/1/14
Funding amount:	\$25,000
Role:	Co-Primary Investigator
Responsibility:	10%

Agency/title of grant:	Crete Community Foundation/ <i>City of Crete Planning and Design Collaboration</i>
Duration of funding:	5/1/12-12/20/12
Funding amount:	\$9,000
Role:	Co-Primary investigator
Responsibility:	50%

Agency/title of grant: Pepsi Endowment/*Undergraduate Creative Activities and Research Experience (UCARE)*
Duration of funding: 09/01/11-09/01/14
Funding amount: \$10,000
Role: Primary Investigator
Responsibility: 100%

e. Faculty mentoring

The Peer Review of Teaching Project

The Peer Review of Teaching Project (PRTP) is a University of Nebraska-Lincoln program that supports teams of faculty in making visible the serious intellectual work of their teaching. Begun in 1994, the project uses the same process one would use to explore a research question by having faculty inquire, analyze, and document their teaching practices and the resulting student learning and then make these results accessible for use, review, and assessment by one's peers. For the past two years Professor Karle has served as one of four faculty mentors for The Peer Review of Teaching Project. As a faculty mentor she has helped **over 80 faculty participants** create benchmark portfolios for the university program.

7. Student counseling, advising and mentoring

a. Academic advising

Professor Karle serves as the academic advisor for 15 landscape architecture majors annually.

b. Advising student clubs or groups

Professor Karle served for two years as the faculty advisor to the Student Chapter of American Society of Landscape Architecture (SASLA). Over the past two years the club has:

- Implemented an annual résumé and portfolio workshop with local professionals.
- Hosted a CLARB lecture on health, safety and welfare.
- Established continuing education credits for The College of Architecture Hyde Lecture Series lectures .

RESEARCH, SCHOLARLY AND CREATIVE ACTIVITIES
(15% Full Time Employment)

1. Grants

Total funding to date: \$56,000

a. Active grants

Agency/title of grant: UNL College of Architecture, Landscape Urbanism Professorship
Duration of funding: 4/1/14-4/1/16
Funding amount: \$10,000
Role: Co-Investigator
Responsibility: 50%

b. Pending grants

Agency/title of grant: Graham Foundation Research and Development Grant/ *200 Million Trees*
Duration of funding: 4/1/15-4/1/16
Funding amount: \$10,000
Role: Co-Investigator
Responsibility: 50%

c. Past grants

Agency/title of grant: The Back to the River Foundation/A *Missouri River Study*
Duration of funding: 1/1/13-1/1/14
Funding amount: \$30,000
Role: Primary Investigator
Responsibility: 50%

Agency/Title of Grant: UNL College of Architecture Clarke Grosser Fund/*City of Crete Planning and Design Collaboration*
Duration of Funding: 5/1/12-9/1/12
Funding Amount: \$6,500
Role: Primary Investigator
Responsibility: 50%

Agency/Title of Grant: *University of Nebraska-Lincoln Layman Award/De-Poldering the Dutch Delta A Response to Climate Change*
Duration of Funding: 5/1/11-5/1/12
Funding Amount: \$10,000
Role: Primary Investigator
Responsibility: 100%

2. Publications

a. Book (author + advance book contract)

Karle, S.T., Karle, D., *200 Million Trees: Tracing the Evolution of The Great Shelterbelt Project in the Great Plains Landscape*. Louisiana State University Press: Reading the American Landscape series. Series Editor: Lake Douglas. LSU Press Acquisitions Editor: Margaret Lovecraft.

b. Refereed articles

Karle, S.T. 2015 *Projective Ecologies Book Review*, in *Journal of Architecture Education* 69:2 S,M,L,XL (forthcoming October)

Karle, S.T., and Karle D. 2015. *200 Million Trees: Fabricating a Rain-Making Scheme*, in *Journal of Architecture Education* 69:1 Crisis (March): 54-57.

Garza, K. and **Thomas, S.** 2011. *De-Damming the Dutch Delta*, in *Water Urbanisms 2*, edited by Kelly Shannon (Zurich: Parkbooks, forthcoming).

Garza, K. and **Thomas, S.** 2011. *De-Damming the Dutch Delta*, in *Bracket [Goes Soft]*, edited by Neeraj Bhatia and Lola Shepard (Barcelona, Spain: Actar Publishers): 136-140. (Selected from 240 entries)

c. Refereed articles under review

Karle, S.T., *Concrete Habitat*, in *Places Journal* (Submitted March 2015)

d. Refereed conference abstracts and presentations

Karle, S.T. and Karle, D. 2015. *200 Million Trees the Evolution of the Prairie States Forestry Project*, Council of Educators in Landscape Architecture (CELA) Conference Proceedings, Manhattan, Kansas.

Karle, S.T. 2014. *Concrete Habitat*, Environmental Design Research Association (EDRA 45) National Conference Proceedings, New Orleans, Louisiana.

Karle, S.T. 2014. *Design of the Dutch Polder*, Environmental Design Research Association (EDRA 45) National Conference Proceedings, New Orleans, Louisiana.

Karle, S.T. 2014. *Design of the Dutch Polder*, Council of Educators in Landscape Architecture (CELA) Conference Proceedings, Baltimore, Maryland.

Karle, S.T., Wilson, K., Brown, S., Kelly, B., 2014. *Updating a Studio Based Curriculum with Blended Learning Methods*. Council of Educators in Landscape Architecture (CELA) Conference Proceedings, Baltimore, Maryland.

Karle, S.T. 2013. *Socratic Questioning: The Art of Questioning in Thinking, Teaching and Learning*, Council of Educators in Landscape Architecture (CELA) Conference Proceedings, Austin, Texas.

Karle, D. and **Karle, S. T.** 2013. *Digital Landforms [Surface Treatments]*, Council of Educators in Landscape Architecture (CELA) Conference Proceedings, Austin, Texas.

Thomas, S. 2011. *Concrete Habitat*, Council of Educators in Landscape Architecture (CELA) Urban Nature Conference, Los Angeles, California.

e. Juried work

MIN_DAY, **Karle, S.T.**, and Karle, D. "Quasiterrariums" International Garden Festival Finalist. Co-entered with S.T. Karle, and MIN_DAY. (Top 21 of 290 entries).

Garza, K. and **Thomas, S.** 2010. *De-Damming Urbanism*, in *Innovative Solutions for the Delta*, UNESCO Delta Competition: 73-86 (Honorable Mention).

Belanger, P. 2010. *Subtropical Sydney: Projecting the Future of Sydney's Next Urban Century with an Intertidal Infrastructure for the Metropolitan Region*, Sydney's Sea Change 2030+International Design Competition, (Finalist).

f. Published poster presentations

Karle S.T. and Silvey, E. *Alternatives to Levees: Flooding Protection along the Elkhorn River*, Rural Futures Conference, University of Nebraska-Lincoln. Lincoln, NE (\$1,000).

g. Articles written by others about work

Metz, T. 2011. *Een nieuw verhaal voor Dordrecht*, In *Salt and Sweet Water and the Dutch* (Rotterdam, Holland: NAI UITGEVERS publishers).

Holmes, R. 2011. *Dutch Delta*, on Mammoth Blog, (20 September).

Belanger, P. and Lister, N. 2010. *Estuarine Urbanism*, in GSD Platforms 3, edited by Emily Waugh (Barcelona, Spain: Actar Publishers): 220-225.

Holder, M. 2010. *UNL Landscape Architecture Students Visit Doane, Study Campus*, Doane Owl, 20 October.

Ireland, C. 2010. *Rising Seas, Raising Hopes*, Harvard Gazette, 5 May.

3. Peer reviewer for conference papers and abstracts

2015 Council of Educators in Landscape Architecture (CELA) Incite Change, Manhattan, Kansas. Peer reviewer of abstracts in the Design Pedagogy tract for the National Conference in Manhattan, Kansas.

2014 Environmental Design Research Association National Conference (EDRA 45) New Orleans, Louisiana.

2011 Council of Educators in Landscape Architecture (CELA) Urban Nature Conference, Los Angeles, California. Peer reviewer of abstracts on the Urban Nature tract for the National Conference in Los Angeles, California.

2011 National Conference of the Beginning Design Student, University of Nebraska-Lincoln. Peer reviewer of abstracts in site and building tract for the National Conference in Lincoln, Nebraska.

4. Invited presentations

2011 *Design Research*, Bemis Center for Contemporary Arts Charrette 13, Omaha, Nebraska.

2010 *Concrete Habitat*, Harvard Graduate School of Design (GSD), Cambridge, Massachusetts. (Selected Project)

2010 *De-Damming Urbanism*, Harvard Graduate School of Design Open House, Cambridge, Massachusetts. Selected Project Presentation.

2010 *A Resilient Agricultural Enclave*, Harvard Graduate School of Design (GSD), Cambridge, Massachusetts. (Selected Project)

5. Professional improvement

2013 *MISI-ZIIBI: Living with the Great Rivers*, Washington University, St. Louis, Missouri.

2011 *Publish or Perish*, Landscape Journal Publishing Workshop, Council of Education in Landscape Architecture (CELA), Los Angeles, California.

SERVICE AND ENGAGEMENT (10% Full Time Employment)

1. University committees and initiatives

a. University of Nebraska-Lincoln committees

2012-2015 **Faculty Mentor**, Peer Review of Teaching Project, University of Nebraska-Lincoln

2010-2012 Member, University of Nebraska-Lincoln Marshal Corps

b. College of Architecture committee

2015 Treasurer, College of Architecture Hyde Lecture Series

2014 Facilitated, Red Letter Day Activity, College of Architecture University of Nebraska-Lincoln

2014 Treasurer, College of Architecture Hyde Lecture Series

2013 Member, College of Architecture Hyde Lecture Series

2013 Member, College of Architecture Recruitment and Retention Task Force

2012 Member, College of Architecture Hyde Lecture Series

2012 Presented research initiative to the College of Architecture Professional Advisory Committee

2012 Developed criteria for College of Architecture Faculty Award for Exemplary Service and Engagement Award

2012 Member, College of Architecture Curriculum Task Force

2011 Member, College of Architecture Hyde Lecture Series

2011 Facilitated, Red Letter Day Activity, College of Architecture University of Nebraska-Lincoln

c. Program committees

2015 Chair, Landscape Architecture Search Committee

2014 Chair, Landscape Architecture Admissions Committee

2012 Coordinated, Landscape Architecture Accreditation Syllabi Task Force

2012 Member, Landscape Architecture Accreditation Digital Portfolio Task Force

2011 Member, Landscape Architecture Faculty Search Committee

2011 Coordinated, the American Society of Landscape Architects (ASLA) National Student Honor and Merit Awards presentations and jury with student finalist, Great Plains Chapter members and faculty

2011 Coordinated, Landscape Architecture student competition for the Nebraska Concrete Masonry Association (NCMA)

2011 Coordinated Landscape Architecture Hyde Chair Search and invited selected Hyde Chair Gina Ford to apply

2. Engagement initiatives

a. The Back to the River Foundation (2013)

Since its inception, the Back to the River Initiative has promoted a series of overlapping goals for the incredible resource of the Missouri River, including: increased recreation, biodiversity, connectivity, economic development and stewardship. Demonstrated impact and change are evident – from the internationally significant Bob Kerrey Pedestrian Bridge to a fine-grained network of new and improved trails to the imminent opening of Council Bluff's Rivers Edge Park Phase One. Amidst the positive change came the Flood of 2011, bringing unprecedented flood levels and damage. Submerging the River's floodplain for nearly four months, the 2011 Flood has changed the River's landscape in completely unexpected ways. It has been 10 years since the last comprehensive study of the River. As each community begins to assess the damage and plan for the River's future, it was critical to understand the new context of the Missouri and create a collective understanding of potential futures. Professor Karle partnered with Associate Professor Carl Rogers, Iowa State, and Principal Gina Ford, Sasaki Associates, to assist the foundation in developing a six-county regional study documenting the current flood impacts on amenities, wildlife, vegetation, and infrastructure via maps, photographs and site diagrams.

b. Crete Community Foundation (2012)

Professor Karle, along with Professor Kim Wilson and Professor David Karle, completed a study to establish both short- and long-term community initiatives for the city of Crete, Nebraska. The study was organized into three initiatives. Initiative I included data collection and design projects focused on downtown Crete with specific attention given to the building façade improvements along Main Avenue. Initiative II expanded the planning and design study area to include the entire municipality of Crete and beyond. The third and final initiative assisted the community in implementing priority projects identified in Initiatives I and II.

c. Bemis Center (2011)

Professor Karle participated in and facilitated one of the thirteen charrettes of Bemis Gardens. Bemis Gardens, an exhibition and design laboratory, aimed to transform the Bemis Center's exterior into a public art site and urban garden and speculated on the urban condition of the contemporary art center and its relationship with downtown Omaha.