

EDUCATION

Bachelor of Landscape Architecture,
University of Georgia, 1971.

Master in Landscape Architecture,
Harvard University, 1976.

ASLA Certificate of Honor for Excellence
in the Study of Landscape Architecture,
Harvard University, 1976.

Registered Landscape Architect, Georgia
#620;

EXPERIENCE

2011-Present: Professor Emeritus,
College of Architecture, Georgia Institute
of Technology.

2008-2011: Senior Associate Dean,
College of Architecture, Georgia Institute
of Technology.

2007-2008: Interim Dean, College of
Architecture, Georgia Institute of
Technology.

2002-2007: Associate Dean for Academic
Affairs, College of Architecture. Georgia
Institute of Technology

1989-2011: Professor of Architecture
College of Architecture, Georgia Institute
of Technology.

1982-1989: Associate Professor of
Architecture, College of Architecture,
Georgia Institute of Technology.

1987-1988: Visiting Associate Professor
of Landscape Architecture. Harvard
University.

1977-1982: Assistant Professor of
Architecture, College of Architecture,
Georgia Institute of Technology.

1976-1977: Director, Statewide
Comprehensive Outdoor Recreation
Plan, Georgia DNR.

1972-1974: Georgia Department of
Natural Resources, Site Planning
Division.

1971-1972: Intern Landscape Architect,
William H. Laubman and Associates.

1970-1971: Intern Landscape Architect,
Designer's Collaborative, Athens, GA

Douglas C. Allen, ASLA

Professor Emeritus

College of Architecture

Georgia Institute of Technology

ASLA Council of Fellows Nomination:

[Knowledge]

The Georgia Chapter is privileged to nominate Douglas C. Allen, ASLA, for induction into the 2013 class of fellows. For the past thirty-six years, Douglas Allen has taught in the College of Architecture at the Georgia Institute of Technology in Atlanta. As the only landscape architect on a faculty of architecture and planning, he has been like an evangelist in promoting landscape architecture to the broader design and planning community and especially within the architectural community. He has taught over 5000 students and influenced an entire generation of architects and city planners through his teaching.

Teaching: The College of Architecture at Georgia Tech awards thirteen degrees from five schools: Architecture, Building Construction, City and Regional Planning, Industrial Design, and Music. Unlike a faculty member in a school with an accredited degree program in landscape architecture, Allen represented his entire profession within the College and especially the School of Architecture and the School of City and Regional Planning. He has taught courses ranging from urban design studios, to site construction, to history of urban form, and history of landscape architecture. Together with his colleague, architectural historian Elizabeth M. Dowling, he created Georgia Tech's study abroad program, "Art and Architecture in Greece and Italy". Now in its twentieth year, this program offers humanities credit to non-architecture majors as well as architecture majors. To date, approximately 400 students from all majors at Georgia Tech have earned humanities credit through this program. Through this experience numerous students have continued their graduate education outside of their undergraduate discipline, and received graduate degrees in architecture, city planning, real estate development, and in three cases, landscape architecture. After more than ten years of work, Allen was instrumental in creating a new degree program in Urban Design at Georgia Tech. By bringing City Planning courses and

Doug Allen has had a phenomenal impact on his students. He taught us that architecture and urban design is more than buildings. He taught us to see the world of landscape as foundational for design. His influence lives on through his students, many of whom are designers and several of whom are now teachers. As he was for many, he was the central figure in my education and my entire professional career is built on the foundation he provided.

David Green AIA, LEED AP
Senior Urban Designer
Perkins + Will,

PROFESSIONAL LEADERSHIP ACTIVITIES

2009-present: Member, Editorial Board, [Places Journal](#)

2004-2008: Design Review Board, University of Arkansas.

2003, 2002, 1999, 1998, 1997: Mayor's Institute, National Endowment for the Arts, Resource Panel.

2003-2004: Board Member, Olmsted Linear Parks Association, 2003-2004

1980-83: Secretary, Georgia, Chapter ASLA.

COMPETITION AND AWARDS JURIES

2012: Jury member: Maryland Chapter, AIA Awards Jury

2008: Jury Member, Colorado Chapter AIA Awards Jury.

2006: Jury Member, AID Housing, International Design Competition, Haeundae, Republic of Korea.

2006: Jury Member, Northern Virginia Chapter AIA Awards.

2001: Jury Member, Atlanta Regional Commission Awards of Excellence,

1998: Jury Member, Indiana Chapter AIA Awards Jury.

1996: Jury Member, Alabama Chapter AIA Awards Jury.

1995: Jury Member, Tennessee Chapter AIA Awards Jury.

1991: Jury Member, Mississippi Vietnam Veteran's Memorial Competition.

1990: Jury Member, Alabama Chapter ASLA Awards Jury.

PUBLICATIONS/RESEARCH

BOOKS and BOOK CHAPTERS:

Douglas C. Allen, "The Plan of Savannah", in [The Grove Encyclopedia of American Art](#), Oxford University Press, New York. (2009)

Douglas C. Allen, "J. B. Jackson", in [The Grove Encyclopedia of American Art](#), Oxford University Press, New York. (2009)

Architecture courses together, this program offers a post professional Master of Science in Urban Design to students holding professional degrees in landscape architecture, architecture, city planning, and civil engineering. To date, three classes, with over a dozen landscape architects have graduated with the MS UD.

Academic Leadership: In 2002, he was named Associate Dean for Academic Affairs in the College of Architecture, and from 2007 through 2008, he served as Interim Dean of the College of Architecture, despite the fact that the College does not have a degree program in landscape architecture. He continued his administrative responsibilities as Senior Associate Dean through his retirement in 2011. Since 2011, he has returned to the classroom to teach three courses per year.

Throughout his teaching career, Allen has inculcated in his students a deep appreciation of landscape architecture as a distinct profession within a larger field of allied disciplines. His former students have gone on to become principals of major design firms, faculty members at schools of architecture and landscape architecture, and have contributed substantially to the designed environment both in the United States and around the world. Michael Arad, architect of the World Trade Center Memorial in New York has publicly thanked Allen on several occasions, for his teaching and his early contributions to the design of the memorial during the competition phase.

Awards, and Honors: In recognition of his contributions to teaching he has been the recipient of numerous honors and awards. In 2004, the American Institute of Architects awarded him a Special Recognition for Commitment to Education. But, it is the recognition of his contributions to knowledge from his students that perhaps matters most. In 2006, he received the ANAK Society faculty award. This award is given to one faculty member at Georgia Tech annually who has demonstrated outstanding service to the university and to the student body through teaching, research, advisement, and general involvement in campus life. This award is unique in that it is the only award given to the faculty that is decided solely by students. He was only the third professor from the College of Architecture to receive the ANAK award since its inception in 1942.

Doug Allen taught me to see the built environment in a way that opened my eyes: pulling back the field of view from an individual building to see it as part of a landscape over both time and history. He did that for thousands of students whose focus would have otherwise remained on individual buildings. He led us to think of architecture in a larger way; a way that recognizes the whole, not just the parts.

Michael Arad AIA, LEED AP Partner, Handel Architects, LLP

Douglas C. Allen and Robert M. Craig, "Parks and Landscape Architecture", in Encyclopedia of the United States in the Nineteenth Century, Charles Scribner's Sons, New York, 2000

"Douglas Allen" in Steven Cantor, Contemporary Trends in Landscape Architecture, Van Nostrand and Reinhold, New York, 1996, pp.185-190.

Douglas C. Allen, "The Tanner Fountain", in Linda Jewell (ed.), Peter Walker: Experiments in Gesture, Seriality, and Flatness, Rizzoli, New York, 1990.

Alan Emmett, Douglas C. Allen, et al, Cambridge, Massachusetts: the Changing of a Landscape, Cambridge, 1979.

ARTICLES and PAPERS:

Douglas C. Allen, David Green, and Heather Alhadeff, "The Standard City Planning Enabling Statute and the Regulation of Suburban Block Size", *Rocky Mountain Land Use Institute*, Sturm College of Law, University of Denver, 2010. (Refereed abstract)

Douglas Allen, "Memory and Place: Two Case Studies", *Places Journal*, 21:1, May 2009.

Douglas C. Allen, "The Alexander-Pound House", in *The Oxford American*, No. 60, 2008.

Douglas C. Allen, "The Code of the City: Window into a Labyrinth", in *Places Journal*: 19:2, May 2007

J. Peponis, D. Allen, D. Haynie, M. Scoppa, "The Spatial Profile of Urban Areas in Twelve Metropolitan Urban Regions in the United States", *Proceedings of the Sixth International Space-Syntax Symposium*, Istanbul, Turkey, 2007

J. Peponis, D. Allen, S. French, M. Scoppa, J. Brown, "Street Connectivity and the Measure of Urban Density", *Proceedings of the Sixth International Space-Syntax Symposium*, Istanbul, Turkey, 2007

Mohammad Gharipour and Douglas C. Allen, "The Achaemenid Garden, a Study of Its Contribution to the History of Garden Design," *The Journal of Middle Eastern and North African Intellectual and Cultural Studies*, Vol. 4, Issue 2, New York, Fall 2006.

Most recently, his alma mater, The University of Georgia, College of Environment and Design, awarded him its Distinguished Alumni Medal for his career contributions to landscape architecture education.

This is the highest honor given by UGA's College of Environment and Design. Perhaps his greatest recognition came in 2008, when his former students endowed a lecture series at Georgia Tech in his name. Fulfilling his desire to bring significant works of landscape architecture to the allied design and planning fields in perpetuity, the Douglas C. Allen lecture at Georgia Tech has now included annual lectures by Jim Corner, George Hargreaves, Michael Arad, and Adriaan Geuze.

In addition to his teaching and service at Georgia Tech, he has served as a visiting critic at the University of Tennessee, the University of Michigan, the University of Virginia, the Catholic University of America, and Arizona State University. In 1987 he served as a Visiting Associate Professor of Landscape Architecture at Harvard.

One measure of his impact is represented by numerous invited lectures at conferences and in lecture series at other universities. He has lectured at the Catholic University of America, Iowa State University, the University of Texas at Austin, Tuskegee University, Rice University, Arizona State University, Temple University, Emory University, and the University of Georgia. He has also delivered invited lectures to national meetings of the American Planning Association, the Congress of New Urbanism, the National Association of Olmsted Parks, the AIA National Committee on Design, and The American Society of Landscape Architects. At a local or regional level, he has been an invited lecturer for the ASLA Atlanta Section's annual FLO lecture, The Cultural Landscape Foundation (Pioneers Regional Symposia), The Southern Garden History Society, the Georgia Planning Association, and the Institute for Classical Architecture and Classical America. In 2005, he was invited to give a lecture at the Busan International Architecture Festival in the Republic of Korea. In 2010, he was asked to deliver one of four keynote lectures on the occasion of the National Building Museum's award of recognition to Perkins + Will for Civic Innovation, in Washington, D.C.

Douglas Allen has been a tireless ambassador for landscape architecture. His primary impact has been through teaching landscape design principles beyond the traditional landscape community. As a Georgia Tech professor, he has brought the fundamentals of landscape architecture alive for generations of students. Doug has done pioneering research on how land subdivision regulations permanently shape the configuration of the built environment. His impact has been recognized by his alma maters, University of Georgia and Harvard.

Steven French, FAICP
Associate Dean for
Research
College of Architecture
Georgia Institute of
Technology

Douglas C. Allen, "Permanence and Change in Urban Form and Structure", in *Urban Permanence*, Vol. 1, BIACF, Busan, Korea, 2005.

Douglas C. Allen, "The Park and the Skyline: Monument and Anti-Monument in the Modern City", in *The Conservation of Urban Parks and Squares*, ICOMOS, Montreal, 1993.

ACADEMIC AND PROFESSIONAL HONORS

Distinguished Alumni Medal, UGA College of Environment and Design Alumni Association, 2013

Governor's Award, Historic Preservation Stewardship, 2008

ANAK Award, Georgia Institute of Technology, 2006

American Institute of Architects, Special Recognition for Commitment to Education, 2004

Distinguished Professor, College of Architecture, 1995-96;

Mid-Career Achievement, College of Architecture, 1994-95;

Conservation Medal, New England Chapter, Victorian Society of America, for Cambridge, Massachusetts: *The Changing of Landscape*, 1981. (with others)

INVITED LECTURES

"*Learning From Savannah*", Georgia Planning Association, plenary address, September, 2011.

"*Villa Gardens of the Roman World*", Institute for Classical Architecture and Classical America, Carlos Museum, Emory University, February 2011.

"*Modernism Comes to Georgia*", Landscapes for Living: Post War Landscape Architecture in Georgia, Cultural Landscape Foundation, Atlanta, 2010.

"*The Significance of Dimension in the Plan of Savannah*", Congress of New Urbanism, National Meeting, 2010.

"*Civic Innovation: Constitution and Representation*", Keynote Address on the Seventy Fifth Anniversary of Perkins + Will, National Building Museum, Washington, D.C. 2010.

Publications: His publications include entries in the *Grove Encyclopedia of American Art* (Oxford, 2009) on The Plan of Savannah and the biography of J.B. Jackson. Along with his colleague, historian Robert M. Craig, he wrote "Parks and Landscape Architecture", in the *Encyclopedia of the United States in the Nineteenth Century*, (Scribner's, 2000). In 1996, his design for the "Perdue Garden" was a chapter in Steven Cantor's book, *Contemporary Trends in Landscape Architecture*, (Van Nostrand and Reinhold, 1996). He also contributed a chapter on the Tanner Fountain in Linda Jewell, (ed.) *Peter Walker: Experiments in Gesture, Seriality, and Flatness*, (Rizzoli, 1990), and was a co-author of *Cambridge, Massachusetts: The Changing of a Landscape*, (Cambridge, 1979), which won the Conservation Medal from the Victorian Society in America. He has published articles on landscape architecture and urban design in *Places Journal*, *The Oxford American*, and *The Journal of Middle Eastern and North African Intellectual and Cultural Studies*, as well as several academic journals and refereed conference proceedings.

Service: As Georgia Chapter Secretary in the early 1980's, Doug, with the other chapter officers, established the annual chapter awards program and banquet that continues to this day. In addition to serving on fifty-four university-wide and college committees at Georgia Tech, Allen has also served on competition and professional awards juries, including an ASLA awards jury for the Alabama Chapter as well as AIA design awards juries for Maryland, Northern Virginia, Alabama, Indiana, Colorado, and Tennessee chapters. In 2006, he served as a member of the international design competition jury for A.I.D. Housing in Haeundae, Republic of Korea, and in 1991, he served on the design competition jury for the Mississippi Vietnam Veteran's Memorial Competition. He has also served on the Atlanta Urban Design Commission, as a Board Member of the Olmsted Linear Parks Association in Atlanta, as a jury member for the Atlanta Regional Commission's Awards of Regional Excellence, and the Design Review Board for the University of Arkansas. Between 1997 and 2003, Allen served as a five time member of various resource panels for the Mayor's Institute (National Endowment of the Arts and U.S. Conference of Mayors). He currently serves as a member of the Board of *Places Journal Foundation* and

"Doug Allen has taught thousands of students over his 36 years at Georgia Tech. He is highly regarded as a leader, philosopher, researcher, teacher and mentor to many architects, urban designers, landscape architects, and planners. Doug is the thought leader who based his career on getting architects to think differently about landscape architecture. His students love him, and his classes on the History of Urban Form and Studies in Landscape Architecture, always have wait lists.

Barbara Faga, FASLA
AECOM Fellow,

"The Park, the Parkway, and the Suburb", annual FLO luncheon, Georgia Chapter American Society of Landscape Architects, 2010.

"Roman Gardens", Institute for Classical Architecture and Classical America, 2010

"The Value of Urban Open Space: Constitution and Representation", College of Environment and Design, University of Georgia, 2009.

"Permanence and Change in Urban Structure and Form", Busan International Architecture Symposium, Busan Korea, 2005

"Olmsted in the South", Southern Garden History Society. 2003

"The Park, the Parkway, and the Suburb", National Association of Olmsted Parks Annual Meeting. 2001

"Between Figure and Ground", University of Texas at Austin. 1995

"Public Pipes", Temple University. 1994

"The Significance of Dimension in the Plan of Savannah", Tuskegee University. 1992

"Authority, Nature, and the Birth of Landscape", Catholic University of America. 1992

"Three Landscapes", College of Design, Iowa State University. 1992

"Order and Free-Will in the American Landscape", Keynote Address, ACSA Southwest Regional Conference, Rice University. 1990

"The Park, the Town, and the Political Landscape", Catholic University of America, 1990

"The Plan of Savannah: Architecture of the Political Frame," AIA National Committee on Design, Annual Conference 1990.

"Agora to Arcadia", Smithsonian Institution, Washington, D.C. 1987

as a member of the Dean's Advisory Board at his alma mater, the College of Environment and Design at the University of Georgia.

Design Work: Until he accepted a position in the administration of the College of Architecture at Georgia Tech, Allen maintained an active practice. First as a Principal in the firm of Eplan, Roark, Lefkoff, and Allen and then as a solo practitioner, he completed fourteen commercial and institutional projects, ten multi-family housing projects, seven residential garden designs, one campus master plan, six public park designs, and four recreation master plans. Several projects that he served as landscape architect of record on won design awards, including an AIA (National) Honor Award for Clayton Headquarters Library and Progressive Architecture award of merit for the WQXI Radio Station, (unbuilt; with Scogin, Elam, and Bray, Architects). He collaborated with two of his former students, David Green and Eric Brock, on StudioPlex, a project in Atlanta that converted a 19th century warehouse into a multi-use, residential, retail, and restaurant complex. StudioPlex won numerous design awards, including an Urban Land Institute Award of Excellence as well as local and regional AIA awards.

Chapter Statement of Support: Douglas Allen has spent a career as both an educator and an ambassador for the landscape architecture profession in a mostly architectural environment. He has done this in the classroom, in practice, and through his many public engagements, national and international. He has described his work as "a mission to promote the unique contributions that landscape architecture and landscape architects have made in our cities, our towns, and our regions". He has brought knowledge and a deep appreciation for the profession's contributions to architects and city planners, as well as the public at large. His impact has been broad and deep. In recognition of his many contributions, it is with great pride that the Georgia Chapter supports Douglas C. Allen for fellowship in the ASLA and appreciates your consideration of him for this deserved honor.

Sincerely,



Kevin Burke, ASLA
President, Georgia Chapter, ASLA

"Peter has been a strong advocate for introducing scientific theory into the practice of design. He is a dedicated researcher, diligently mining the available data and developing relationships within the network of researchers in fields outside of landscape architecture. Peter seeks to engage arborists, ecologists, soil scientists, and engineers, making presentations at their meetings and pulling their expertise into his own work. His findings are eloquently delivered back to the profession as usable information for the practitioner."

James Urban, FASLA
Urban Trees and Soils

EDUCATION:

Bachelor of Landscape Architecture,
(Honors) University of Minnesota,
1985

Architecture Certificate, Nanjing
University, China, 1982

2 Year Certificate in Amenity
Horticulture (Full Scholarship),
National Botanic Gardens, Ireland,
1980

Certificate in Horticulture, Royal
Horticultural Society, England, 1979

EXPERIENCE:

1990-Present

Director of Science & Design,
The Kestrel Design Group, Inc.

1999-Present

Adjunct Faculty, University of
Minnesota College of Design, MLA
and MScArch

1992-1996 (2 terms)

Director, North Cook County Soil
and Water Conservation District
(Chicago)

1986-1989

LAIT & Landscape Architect
McFadzean & Everly Associates

L. Peter MacDonagh, ASLA

Director of Science and Design, The Kestrel Design
Group, Inc.

Adjunct Faculty, University of Minnesota College of
Design, MLA and MSc Arch

ASLA Council of Fellows Nomination: Knowledge

On behalf of the Executive Committee of the Minnesota
Chapter ASLA, it is my privilege to nominate L. Peter
MacDonagh, ASLA, for your consideration.

For more than 27 years L. Peter MacDonagh has been at the forefront of the sustainable landscape architecture movement. He is an internationally recognized authority on low-impact stormwater management, green infrastructure, lake and river restoration, natural area management, green roofs, and soil bio-engineering. The firm he founded in 1990, Kestrel Design Group, has completed more than 150 master plans and built works in 43 states and 9 foreign countries.

The hallmark of Peter's career is his coupling of scientific knowledge and the landscape architecture design process. His empirical understanding of ecology, soils, hydrology, and plants allows him to bring environmental credibility to designs for clients as diverse as public entities, schools, corporations, mining companies, and energy companies. In all his projects, Peter uses knowledge gained through lifelong scientific study of natural landscapes to ensure the resultant master plans, management plans, parks, and campuses reflects the local, native environment and are ecologically sustainable.

In 13 years as adjunct faculty at the University of Minnesota, Peter introduces students to the design of sustainable sites and water management systems. In these classes, he draws from his 27 years of work experience to provide the next generation of landscape architects with critical knowledge on the function of landscapes, both natural and constructed.

Native Analogues

One of Peter's most prominent contributions to the profession's knowledge base is the idea that constructed landscapes can be informed by correlative native landscapes. For green roofs in particular, but for most projects on which he works, Peter seeks out a local native landscape that features soil, wind, sun exposure, and moisture conditions that are similar to those at the project site. A trio of public green roofs (featured in LAM) in Minneapolis employs this technique, looking to bedrock bluff prairies for their native plant palettes. Peter pioneered this technique on Minnesota's first green

"The cutting edge research, knowledge, and leadership of Peter MacDonagh has profoundly influenced and benefitted professionals within and outside the Minnesota Department of Transportation (MnDOT). Peter has been nothing short of inspirational in helping to advance the principles and benefits of Context Sensitive Solutions in Minnesota and nationwide. His innovation is further proven by the "bridging" he has done to share and transfer his knowledge to many disciplines outside of landscape architecture."

Scott D. Bradley, FASLA
Director of Context Sensitive Solutions, MnDOT Office of Environmental Stewardship

SELECTED PROJECTS:

Target Center Arena Green Roof, Minneapolis, MN, 2007-2009.

Minneapolis Chain of Lakes Clean Water Partnership, MN, 1995-2007.

Land Cover of Northern Scott County, MN, 2000-2002.

Minnehaha Creek Stream Restoration, Minneapolis, MN, 1997-2005.

Peck Farm Park, Geneva, IL, 1992-2002.

Brookfield Zoo, Theodore Roosevelt Floral Ring, Brookfield, IL, 1992-1994.

Simon Bolivar Zoo & Botanic Gardens, San Jose, Costa Rica, 1989-1997.

roofs which he designed in 2001. Most recently, he was responsible for a successful green roof atop a sports arena (the first U.S. sports arena vegetated roof). Employing only two inches of growing medium and featuring a palette of pre-grown sedum mats overplanted with native Minnesota bedrock prairie species, the project is a worldwide case study on implementing green roofs in the most extreme conditions. He has also pioneered stormwater harvesting to irrigate green roofs and cool building envelopes such as Minneapolis City Hall and the Minneapolis Central Library.

Often, Peter is called upon to use his knowledge to change policy at a large scale. The recently completed "**Native Seed Mix Design Manual for Roadsides**" was envisioned by the Minnesota Department of Transportation as an update of current right-of-way seed mixes. Peter, rather than simply creating new mixes, designed a template through which native plants can be selected according to carefully delineated parameters. This new "recipe" for seeding design, which is a functional weighted model, more effectively marries appropriate species to site conditions, increases diversity in rights-of-way and allows the marketplace to substitute species based on performance, avoiding bottlenecks when choices are prescribed, responds to species availability, and provides improved habitat within rights-of way. As roadsides statewide (and perhaps elsewhere, because the manual was funded by the Federal Highway Administration as a possible nationwide model) are planted or re-planted, they will become, in essence, natural analogues. This system has now been adopted by the 5 largest land management agencies working in Minnesota; Department of Transportation, Department of Natural Resources, Board of Water and Soil Resources, U.S. Fish and Wildlife, and U.S. Army Corp of Engineers.

Education by Demonstration

Peter's work, which includes numerous projects for public clients, regularly provides close interaction with nature. His high profile green roof on the Minneapolis Central Library shows thousands of library users and skyway pedestrians every day that green roofs are practical and beautiful. The high profile Green Institute's Green Roof is visible to 19,000 daily LRT riders. His transformation of significant portions of Minneapolis's Chain of Lakes and Minnehaha Creek shorelines transposing mown lawns to lushly vegetated buffers shows the 5 million annual users of this trail system how nature can be brought into the city to manage stormwater, control erosion, increase water quality, and still respect the venerable history of this well-loved landscape. The Chain of Lakes / Minnehaha Creek project (original landscape architect HWS Cleveland) included re-meandering of the creek, new wetlands at storm sewer outfalls, and innovative in-lake wetlands, readied for 21st Century challenges. All were designed to mitigate the impact of urban runoff on these waters for over 1,450 acres of previously developed urban watershed.

"Peter has helped pioneer the eco-friendly greening of Minneapolis. He has been instrumental in the creation of three very significant green roofs in our city, and has helped shape our policies and guide our efforts. All the while he's been willing to lead tours for visiting mayors and dignitaries that have an interest in learning about the work we've done in this area."

Lisa Goodman,
Minneapolis City Council, Ward 7

PUBLICATIONS:

Minnesota Soil Bioengineering Handbook, 2002

Native Seed Mix Design Manual for Roadsides, 2010

B3 (Minnesota Sustainable Design Guidelines) for Site & Water 2004 & 2012

AUTHORED AND CO-AUTHORED ARTICLES IN: >20

GreenSource (Leadership Energy & Environmental Design)

WE&T Magazine (Water Environment Federation)

Living Architecture Monitor (Green Roofs for Healthy Cities)

Public Garden (American Public Gardens Association)

The Interpreter (National Association of Interpretation)

Minnesota's Lake Country Journal

At Peck Farm Park in northern Illinois, Peter pioneered the use of underground drain tile to re-hydrate and restore the rarest wetland type in the state: the alkaline fen. As an environmental education and recreation center, Peck Farm Park shows 60,000 visitors per year the value of wetlands and how they function, even in the context of the agricultural landscape from which they are regularly eliminated. Peter also designed and administered construction of the first permitted wastewater wetland treatment systems in Illinois and Montana. The Interpretive Center and the Montana Resort are distant from a municipal wastewater system, project and sewer hook up costs were in the millions of dollars. The presence of nature-based wastewater treatment shows to thousands of Interpretive Center and Resort visitors how the environment can be both nurtured and utilized to meet necessary infrastructure needs at significantly less cost than gray infrastructure options.

Knowledge and Innovation

As the projects described above suggest, Peter regularly consults with municipalities, Indian tribes, states, corporations, and school boards on how to bring more environmentally sustainable practices to master plans, road and infrastructure projects, and ongoing landscape management. He has become a knowledgeable go-to resource for many clients, and joins a diverse array of multi-disciplinary teams as a sustainable design consultant. Since 1990, he has been an advocate for and designed naturalized wetland systems for stormwater management (also known as a "Stormwater Treatment Train") – a technology now called low-impact design or LID. Peter developed design and management standards for the first native plant nursery in Costa Rica to provide plants to restore ecological function to their National Zoo, Botanic Garden and Wildlife Park, and was the first practicing Landscape Architect to utilize the scientifically based Minnesota Land Cover Classification System to guide land use and restoration decisions within counties, watershed districts, and major regional parks.

Often, as with the "**Native Seed Mix Design**" manual, such consultation changes embedded policies. Peter authored the **State of Minnesota's Sustainable Building Guidelines for Site and Water** (B3: Buildings, Benchmarks & Beyond), which is applied to all state bonded projects in Minnesota. He also created the **Minnesota Soil Bioengineering Handbook**, which shows civil engineers at county, district, and state levels how to control erosion ecologically and restore river function. These projects have changed practices on the ground, and are based on Peter's project implementation, monitoring, and records.

Peter's diverse knowledge allows him to think outside the box of landscape architecture to devise new solutions to landscape architectural problems. He is a professional arborist, a certified wildland fire manager, and wetland restoration specialist. His

FEATURED IN: >55 Media Outlets
>20 newspaper articles including *The Wall Street Journal*

>20 professional peer reviewed journal articles including *Journal of Green Building*

>10 TV shows including FOX National News

TV series on Lake & Shoreline Restoration "*HomeTime*" (PBS)

4 articles in Landscape Architecture Magazine

Blog Contributor: UK Trees Design Action Group (TDAG), Deep Root Green Infrastructure (DRGI), Chicago Urban Forest (CUF), Society of Municipal Arborists (SMA), ASLA ppn "Water Conservation"

SPOKE AT CONFERENCES, WORKSHOPS, SYMPOSIA: >150
GreenBuild (3)

American Society Civil Engineers (2)

ASLA (2)

American Public Works Association

American Institute Architects (2)

Society American Military Engineers

River Restoration Centre, University of Exeter, England (5)

European Green Cities Network, Lisbon Portugal

International Society Arboriculture (2)

Society Ecological Restoration (3)

International Low Impact Development Symposium

WEFTEC Conference (3)

knowledge of both hydrologic function and urban form allowed him to create innovative solutions to treating stormwater running into the Minneapolis Chain of Lakes. Peter has very recently developed the use of the Silva Cell as a technique for growing large trees, while cleansing urban stormwater. Silva Cells, developed by James Urban in collaboration with manufacturer Deep Root, Inc. of San Francisco, arose from empirical studies of the health of urban trees in various planting situations. Peter developed their potential to work with trees to uptake and remove polluted run-off from central business districts. The Silva Cell system has been implemented in over 250 communities worldwide, and the installations are being continually studied to increase the base of knowledge on the health and stormwater management potential of urban trees, with all of the system's technical review for stormwater supervised by Peter.

Professional Outreach and Education

Peter regularly brings his innovative knowledge to others. He has presented on environmentally sustainable landscape architecture at more than 150 conferences, symposia, and seminars, and he regularly participates in educational sessions and panel discussions aimed at landscape architects, other design professionals, and the general public. His work has been covered in Landscape Architecture Magazine, Architecture Minnesota, more than 20 daily newspapers, radio, television shows, and blogs. He has won 27 awards for his green roofs, ecological restorations, parks, master plans, zoos, botanic gardens, and other projects.

Since 1989 he has taught classes on native landscaping and natural landscape restoration to students ranging from seventh graders to adults at public high schools, community colleges, and the Morton and Minnesota Landscape Arboreta. For the past 13 years he has served as an adjunct faculty member in the University of Minnesota's MLA and MSc of Architecture program, teaching the classes "Ecological Informants of Design" studio, and "Sustainable Site and Water Issues." He formulated and has led for eight years a service learning field study for graduate LA students to Jens Jensen's The Clearing Institute in Wisconsin, and is a regular thesis advisor to MLA and MSc. Arch. students.

Sustainable landscape architecture is on nearly everyone's mind and in nearly everyone's portfolio in the 21st Century. What is unique about Peter's environmental thinking is that he couples design knowledge with scientific knowledge. By pairing design and science, Peter has succeeded for more than two decades in solving environmental problems by considering ecological function as well as user desires. In fact, Kestrel Design Group was recognized in a 2005 *Landscape Architecture Magazine* profile, as one of three firms, that are innovative "design science firms" dedicated to environmentally sound landscape architecture.

AWARDS RECIPIENT: 25

American Society Civil Engineers (2)

ISA: Indiana, Minnesota (>5)

Mn Hort Society (>10)

ASLA: Illinois & Minnesota Chapter Awards (8)

Arbor Day Foundation

Green Roofs for Healthy Cities (2)

"Care for our natural systems has been the focus of Peter MacDonagh's life work. All of his projects demonstrate a commitment to regenerating ecological living systems and respecting the dynamic processes of nature, as well as a thorough process of information gathering and ecological concept presentation. His work in using plants to upgrade the quality of our urban watersheds has set the precedents for ecological design in the upper Midwest."

Roger B. Martin, FASLA, FAAR
Professor Emeritus in Landscape Architecture
University of Minnesota
Past President of ASLA

Peter has stayed true to his passion for moving the profession in a greener direction. His pioneering use of natural analogues on urban projects, his high profile nature-based public realm designs, his creation of guiding environmental policy documents, his innovative solutions to landscape issues, and his visibility both in the conference room and in the classroom make Peter one of the principal nationwide proponents of sustainable landscape architecture. His application of that knowledge sets him apart. Through his understanding of natural systems, Peter has taught clients, engineers, architects, collaborators, landscape architects, and community members how landscape architecture can clean lakes and rivers, cool cities, treat waste- and stormwater, and improve overall environmental health.

L. Peter MacDonagh warrants appointment to the Council of Fellows of the American Society of Landscape Architects for bringing scientific knowledge together with design knowledge for the betterment of communities, the profession, and the natural environment.

Sincerely,



Bryan D. Carlson, FASLA, President, ASLA-Minnesota