



**SPACE  
TIME  
PLACE  
DURATION**

**CONFERENCE PROGRAM**

**CELA Annual Meeting**

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THE UNIVERSITY OF TEXAS AT AUSTIN  
MARCH 27–30, 2013

# AGENDA

## MONDAY–TUESDAY, MARCH 25–26

CELA Board Meeting  
AT&T Co-Op Room

## WEDNESDAY, MARCH 27

- 8:00 – 5:00 Registration
- 8:30 – 12:00 CELA Administrators Meeting \*  
AT&T 204
- 9:00 – 12:00 Publishing Workshop \*  
Books: Proposals through Production  
AT&T 203
- 9:00 – 12:00 Research & Methods Workshop 1 \*  
Public Participation: Means and Ends  
AT&T 107
- 9:00 – 12:00 Research & Methods Workshop 2 \*  
A Dose of Nature: Landscapes and  
Public Health  
AT&T 108
- 1:00 – 1:30 Meeting Welcome  
AT&T 204
- 1:30 – 3:00 Conference Opening Address  
**The Sooner the Better**  
*Rich Haag*  
AT&T 204
- 3:00 – 3:20 Break
- 3:20 – 4:30 Concurrent Session 1  
Various Rooms AT&T/UACC

- 4:30 – 5:00 Break
- 5:00 – 6:30 Conference Keynote Lecture  
Supported by The University of Texas at  
Austin School of Architecture  
**Unfolding Time and Space at the  
National 9/11 Memorial and Museum**  
*Amy S. Weisser*  
Texas Union Ballroom
- 6:30 – 8:00 Opening Reception  
Supported by Landscape Forms  
AT&T Courtyard & Tejas Room

## THURSDAY, MARCH 28

- 8:00 – 5:00 Registration
- 8:30 – 9:40 Concurrent Session 2  
Various Rooms AT&T/UACC
- 9:40 – 10:10 Poster Session A / Break  
AT&T M2 Lobby
- 10:10 – 11:20 Concurrent Session 3  
Various Rooms AT&T/UACC
- 11:30 – 1:15 Annual CELA Business Lunch & Awards  
Ceremony \*  
AT&T Salons ABC
- 1:30 – 2:40 Concurrent Session 4  
Various Rooms AT&T/UACC
- 2:40 – 3:10 Poster Session B / Break  
AT&T M2 Lobby

## PRE-CONFERENCE WORKSHOPS

### CELA ADMINISTRATORS' WORKSHOP

Larry Brown, Ph.D., The University of Texas at Austin

### PUBLISHING WORKSHOP: Books: From Proposal through Production

Louise Fox and Fiona Counsell, Routledge/Taylor & Francis Group

### RESEARCH METHODS WORKSHOP 1—Research with Public Participation

Barbara Wilson, Ph.D., The University of Texas at Austin

### PUBLIC HEALTH WORKSHOP 2—A Dose of Nature: Landscapes and Public Health

William Sullivan, Ph.D., The University of Illinois at Urbana-Champaign

Chun-Yen Chang, Taiwan National University

3:10 – 4:20 Concurrent Session 5  
Various Rooms AT&T/UACC

4:20 – 5:00 Break

5:00 – 6:30 Inaugural CELA Fellows' Address  
Supported by the CELA Fellows  
**Beyond the Larger Landscape, Beauty**  
*John R. Stilgoe*  
Hogg Memorial Auditorium

6:30 – 8:00 CELA Fellows Meeting  
Hosted by the Dean of The University of  
Texas at Austin School of Architecture  
Littlefield Home

## FRIDAY, MARCH 29

8:00 – 5:00 Registration

8:00 – 9:00 CELA Regional Directors  
AT&T 104

8:00 – 9:00 CELA Track Chairs Meeting  
AT&T 108

8:00 – 9:00 LAF CSI Fellows  
AT&T 104

8:00 – 9:00 Sigma Lambda Alpha Meeting  
AT&T 101

9:00 – 10:10 Concurrent Session 6  
Various Rooms AT&T

10:10 – 10:40 Poster Session C / Break  
AT&T M2 Lobby

10:40 – 11:50 Concurrent Session 7  
Various Rooms AT&T

11:50 – 1:00 Lunch \*

1:00 – 2:10 Concurrent Session 8  
Various Rooms AT&T

2:10 – 2:40 Poster Session D / Break  
AT&T M2 Lobby

2:40 – 3:50 Concurrent Session 9  
Various Rooms AT&T

3:50 – 4:10 Break

4:10 – 5:20 Concurrent Session 10  
Various Rooms AT&T

5:20 – 6:00 Break

6:00 – 8:30 Closing Reception  
Lyndon Baines Johnson Presidential  
Library

## SATURDAY, MARCH 30

8:00 – 6:00 Field trip to San Antonio

8:30 – 1:30 Field trip to Lady Bird Johnson  
Wildflower Center

### NOTE:

\* Event ticketed through the registration process.

## **LA CES™**

Continuing professional education credits are available for selected presentations at the 2013 CELA conference. Conference attendees who would like to earn LA CES™ (Landscape Architecture Continuing Education System) credits, may sign up in these three CELA presentation tracks: Design Implementation, Landscape Planning & Ecology, and Sustainability. A total of twelve (12) LA CES™ sessions are offered this year, and are designated in the conference program below. A sign-in sheet will be made available at the beginning of each seventy session in these tracks; at the conclusion attendees must sign out on a different sheet. At the end of the conference, attendance will be verified and entered into the LA CES™ system, so that certificates may be issued.

## FEATURED SPEAKERS

### ADMINISTRATORS' WORKSHOP

#### PERFORMANCE AND OVERLOAD IN ACADEMIC ADMINISTRATION

*Larry Browning*

William P. Hobby Centennial Professor of  
Organizational Communication  
The University of Texas at Austin

Larry Browning's research areas include the study of narratives, complexity, the role of lists and stories in organizations, information-communication technology, and relationships between cooperation and competition in organizations. His current work emphasizes narrative theory in the study of complex organizations. In the recently published book *Stories of Life in the Workplace*, Brown and his co-author explore the ways stories affect human practices and organizational life. At issue is how communicative acts—the experiences, interpretations, and personal tales of our everyday lives—impact our social aims and interactions. His other co-authored books include *Sematech: Saving the U.S. Semiconductor Industry* and *Information and Communication Technologies in Action: Linking Theory and Narratives of Practice*. Dr. Browning consults with a wide variety of firms including: AMD, Applied Materials, Design Learning-Block, IBM, the LBJ School of Public Affairs, Marriott Hotels, Motorola, Transamerica, Tokyo Electron, and the Zachry Company. In addition to his appointment at The University of Texas, Dr. Browning is Adjunct Professor of Management, Bodø Graduate School of Business, The University of Nordland. He earned his Ph. D. from The Ohio State University.

### OPENING ADDRESS

#### THE SOONER THE BETTER

*Richard Haag*

Principal, Rich Haag Landscape Architects

The visionary work of Richard Haag brings together human experience, site history, and ecology. When the Seattle Gas Light Company's processing facility on the shore of Lake Union was shut down, many neighbors and elected officials wanted to raze the buildings and build a new park from a completely cleared site. Rich Haag, however, recognized the physical and spatial qualities of the industrial remains. He also offered the then novel idea of using bioremediation to remove the toxins in the topsoil that had accumulated from decades of industrial use. The result is Gas Works Park, one of the most recognizable landscapes created in the twentieth century. His designs for four gardens within old growth forest at the Bloedel Reserve on Bainbridge Island are equally evocative and demonstrate that it is possible to pursue aesthetic satisfaction and practice stewardship of the land simultaneously. Mr. Haag has the distinction of being the only designer to have twice won the American Society of Landscape Architect's President's Award for Design Excellence. He is a Fellow of the ASLA, an Honorary Member of the American Institute of Architects, and a Resident of the American Academy in Rome. In 2003, he received the ASLA Medal for Lifetime Achievements and Contribution to the Profession. Throughout his career, Mr. Haag has also maintained a deep commitment to excellence in design education and is the founder of the Department of Landscape Architecture at the University of Washington.

## CONFERENCE KEYNOTE

### UNFOLDING SPACE AND TIME AT THE 9/11 MEMORIAL AND MUSEUM

*Amy S. Weisser*

Director of Exhibition Development  
National September 11 Memorial & Museum

As Director of Exhibition Development for the National 9/11 Memorial and Museum, Amy S. Weisser works to tell stories of loss, compassion, reckoning, and recovery through monumental artifacts, intimate pieces of personal property, sounds, and images. In approaching the work, she and her colleagues are aware that “9/11 is not a historical event yet. It’s not over.” In this light, making sense of the facts of that unforgettable day is an ongoing process. “To be a place that you go to understand what’s happening in the world around you—that’s what we aspire to do here.” Prior to the 9/11 Museum, Dr. Weisser worked at the Dia Art Foundation helping to transform a former printing factory into a space to display Dia’s permanent collection of works from the 1960s to the present. She also worked at American Museum of Natural History, where she helped to open the Rose Center for Earth and Space. An adjunct faculty member of New York University’s Museum Studies Department, her independent research is on the social and architectural history of institutions. She earned a Ph.D. in the History of Art from Yale University.

## CELA FELLOWS’ ADDRESS

### BEYOND THE LARGER LANDSCAPE, BEAUTY

*John R. Stilgoe*

Robert and Lois Orchard Professor in the History  
of Landscape  
Harvard University

“Get out now,” is how John R. Stilgoe begins one of his many books on the American landscape. Most people trained as historians do not give such imperatives, but Professor Stilgoe writes and teaches under the assumption that education begins with the firsthand exploration of “the whole concatenation of wild and artificial things, the natural ecosystem as modified by people over the centuries, the built environment layered over layers.” He is widely recognized as an expert on the history and future of North American built landscape and his research spans considerations of national critical infrastructure to suburban settlement patterns to agricultural technologies. Professor Stilgoe’s ability to render these diverse topics into a mosaic of understanding is made possible by his focused attention on precise moments when the earth is shaped and made into landscape. His awards for scholarship include the Francis Parkman Prize from the Society of American History, the George and Constance Hilton Award from the Railman and Locomotive Historical Society, the Charles C. Eldredge Prize from the Smithsonian American Art Museum, and the AIA award for collaborative research. He is a fellow of the Society of American Historians.

# CONCURRENT SESSIONS

## SESSION 1

WEDNESDAY / 3:20 – 4:30

### DESIGN EDUCATION & PEDAGOGY

AT&T 101

From Itasca 1.0 to Itasca 3.0: Lessons Learned in Evolving a Field Based Curriculum for Students Entering an MLA Curriculum [242] *David Pitt, Matthew Tucker, John Koepke, Nichole Schlepp*

Landscape Architecture Graduate Education in the Twenty-first Century [259] *Stephanie Rolley*

Visualizing an Outcome Based Approach to Education: Linking Pedagogy and Practice [321] *Lise Burcher, Shirley Hall, Natasha Kenny*

Dinner with Olmsted: Education around the Breakfast Table [334] *Roxi Thoren*

### COMMUNICATION & VISUALIZATION

AT&T 102

Digital Pouch ade: Design Thinking and the Influence of Media on Landscape Architecture [59] *Rebecca Heavner*

The Role of Visual Imaging in the Planning/Development Process for Three Wind Farms in Colorado: Case Studies - Two Built One Denied [115] *Elizabeth Mogen*

Connecting the Dots: Mapping as an Analytical, Synthetic and Formative Tool in Design Research [333] *Sara Queen, Tania Allen*

10-Minute Map: Uncovering An Alternative Narrative for Nebraska's Oregon Trail Landscape [442] *Bret Betnar*

### URBAN DESIGN

AT&T 104

Swale Demonstration Project: A Case for the Use of Alternate Plants [283] *Elizabeth Payne Tofie, Barbara Lien*

Reasserting the Temporal: Shrinking Cities and Urban Vacant Lands [325] *Joern Langhorst*

Northern Mexican Land Reserves: Urban Habitat Reconciliation on the Periphery [405] *Gabriel Diaz-Montemayor*

Shoehorning Native Plants into Urban and Exurban Environments [453] *Margaret Livingston, David Myers*

### LA CESTM • LANDSCAPE PLANNING & ECOLOGY

AT&T 202

Rethinking Stormwater Management in a Changing World: Effects of Green Infrastructure in Future Growth Scenarios for Flooding Risks- A case study for the Charles River Watershed in the Boston Metropolitan Area [130] *Chingwen Cheng, Elizabeth Brabec, Robert Ryan, Paige Warren, Craig Nicolson, Michael Strohbach*

Networking School Green Roofs to Achieve Storm Water Benefits: Brier's Mill Run Watershed Case Study [255] *Wenjie Li, David Myers*

Naturalness in Stream Restoration Projects: Learning from Johnson Creek [262] *Nhasala Manandhar, Taner Ozdil*

Channel Change in Northeast Kansas Streams [317] *Christopher Sass, Tim Keane*

### RESEARCH & METHODS

AT&T 203

Do Social, Economic and Environmental Benefits Always Complement Each Other? A Study of Landscape Performance [32] *Yi Luo, Ming-Han Li*

On the Research Front: 2012 Landscape Architecture Foundation Case Study Investigation and the Case of Streetscape [153] *Bo Yang, Yue Zhang, Pamela Blackmore*

Quantifiable Landscape Performance Benefits: The case of Brent Elementary School [224] *Mark Storie, Byoung-Suk Kweon Kweon, Christopher D. Ellis*

Making a Case: Strategies for Developing Landscape Performance Case Studies [359] *Jessica Canfield, Bo Yang*

### PEOPLE-ENVIRONMENT RELATIONSHIPS

AT&T 107

Bukit Brown Cemetery Landscape Scenario [138] *Yun Hye Hwang*

A Visual Inquiry into Metropolitan Areas and How They are Perceived by Urban Planners [441] *Frank Slegers, Martin Kohler*

Urban Trail System Planning in Western United States: An Analysis of Process and Implementation Efforts [163] *Carlos Licon, Kenneth Richley*

A Sustainable Sacred Landscape: Using Current Technologies to Design Healthy Drainage in a Historic Cemetery [167] *Aaron Jones, Diane Jones*

### HISTORY, THEORY & CULTURE

AT&T 108

Sustainability Before the Word: Environmental Pragmatism from 1880-1940 in the US Patent Archive [9] *Richard Hindle*

Designing and Operating Synthetic, Self-Organizing, Sustainable Ecologies at Biosphere 2 [169] *Meredith Sattler*

Materializing Time [272] *Rennie Tang*

### PEOPLE-ENVIRONMENT RELATIONSHIPS

UACC ~A

The Cognitive Play Behavior Affordances of Natural and Manufactured Elements within Outdoor Preschool Settings [43] *Zahra Zamani, Robin Moore*

Investigating Children's Play Space in the Context of Rapidly Developing City [185] *Dongying Li, Xiaolu Zhou*

Neighborhood versus Route Environments for Active Commuting to School [353] *Jae Woong Won, Chanam Lee*

Temporal Agents and the Power of Play in the Built Environment [250] *Jane Choi, Scott Carman*

### HISTORY, THEORY & CULTURE

UACC ~B

Mosaic Modernity: The Public Park in 20th Century China [133] *Mary Padua*

Borrowed Scenery: Public Parks in Modern Shanghai (1842-1948) [211] *Dorothy Tang*

Finding Common Ground: A Method for Re-Imagining National Parks [212] *Sara Malmkvist, Liza Trafton, Ryan Morrison, Denise Hoffman-Brandt*

Space, Form, and Art: A Landscape Architect's Framework for Public Art [354] *Katie Kingery-Page, Lorn Clement, Lindsay Smith*

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## SESSION 2

### THURSDAY / 8:30–9:40

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#### DESIGN EDUCATION & PEDAGOGY AT&T 101

A Paradigm Shift in Design Education: Harbeson and Albers in the Studio [50] *Carter Crawford, Arthur Rice*

Integration of Participant Input into the Design Process: A Model for Design Education [78] *John Paul Weesner, Maria C. Tina Gurucharri*

Say It Isn't So: Clarifying the Role of Plant Knowledge and Usage in Landscape Architecture Education [105] *Judy Byrd Brittenum*

Educational Practice: Psychology of Pictorial Representation as a basis for Design Education [232] *Peter Miniutti, Madeline Schad*

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#### COMMUNICATION & VISUALIZATION AT&T 102

Mapping the legacies of lost waterways in Chinatown, New York [40] *Elisabeth Clemence Chan*

Making Climate Change Visible: The Role of Landscape in Reframing Community Perceptions of Climate Change and Carbon [299] *Stephen Sheppard, Olaf Schroth*

Games + Making + Learning: Landscape Architecture Revealed [346] *Christopher Marlow*

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#### URBAN DESIGN AT&T 104

Landscape Urbanism Meets Ecotopia: Remaking Seattle's Central Waterfront? [47] *Jeffrey Hou*

Dispersed [56] *P. Richard Perron*

The Urban Revolution: Roles for Landscape Architecture in the Twenty-first Century Global Urban Transformation [109] *Neil Korostoff*

Transient Landscapes and Urban Design [129] *Akiko Ono*

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#### LA CESTM • LANDSCAPE PLANNING & ECOLOGY AT&T 202

Endangered Species in the Parliament of Things: Climate Change and the National Wildlife Refuges [171] *Catherine Seavitt Nordenson*

Implementing Corridors for Climate-Induced Wildlife Migration: On-the-Ground Successes and Challenges in New York and Vermont [316] *M. Margaret Bryant*

Prescribed Grazing in Urban Settings: A Survey of the Legal Framework of Grazing Efforts Across the United States [335] *Zachary Richardson, Mikey Salter, Eric MacDonald*

ALL-IN: Speculative Landscape Infrastructures for Leveraging, Celebrating, and Contesting Dynamic Systems in Biloxi, Mississippi [369] *Douglas Pardue*

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#### RESEARCH & METHODS

AT&T 107

Panel: Evaluating Landscape Performance: Economic Benefits [421] *Barbara Deutsch, Bo Yang, Dennis Jerke, Yue Zhang*

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#### SERVICE LEARNING & COMMUNITY ENGAGEMENT AT&T 108

Promoting Civic Engagement Through Community Engaged Design: The Case Of The Mountain View Community Garden [244] *C.L. Bohannon, Terry Clements, Patrick Miller*

Covenant Farms [275] *Carey Clouse*

The Symbiotic Nature of Giving and Receiving: Service-learning and Social Diversity [375] *Claudia Bernasconi, Mariarosaria Di Palo*

Resourcefulness and Community Design: African American Yards in Baton Rouge, Louisiana [381] *Richard Alomar*

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#### HISTORY, THEORY & CULTURE

AT&T 203

Novel Landscapes: Urban Transitions and River Transformations [68] *Ken Yocom, Kuei-Hsien Liao*

Achille Duchêne and the Revival of Treillage [252] *Natsumi Nonaka*

A Revised Blueprint for A Dryland Democracy [312] *Laurel McSherry*

Migratory Infrastructure [355] *Brett Milligan*

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#### PEOPLE-ENVIRONMENT RELATIONSHIPS

UACC ~A

Environmental Correlates of Health-related Quality of Life in Hispanic Children [24] *Jeongjae Yoon, Chanam Lee, Jun-Hyun Kim*

School-based Environmental Approaches to Promote Walking to School: Modifiable Micro-scale Environmental Factors [74] *Chanam Lee, Woosung Lee, Hyungjin Kim, Diane Dowdy, Deanna Hoelscher, Marcia Ory*

Into the Woods: An Anecdotal Study Exposing Children to Outdoor Classrooms [93] *Amy LaTomme, Jody Rosenblatt-Naderi*

Child's Play: A Comparative Analysis of the Impacts of Nature-based Play Environments and Traditional Playgrounds on Children's Social and Cognitive Development [227] *Shimon Zimbouky, William Sullivan*

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#### HISTORY, THEORY & CULTURE

UACC ~B

American Vauxhall Gardens and the Emergence of Nightlife [296] *Anne Beamish*

Natural Elements and the Embodiment of Time in Place in Iranian Traditional Architecture and Landscape Architecture: from Chah\_r-Soffeh to Chah\_r-B\_gh [364] *Nastaran Tebyanian, Memar Maziar*

Remnants and Remembrance of WW II Japanese American Confinement Sites in the American West [430] *Shelley Cannady*

An Analysis of the Spatial Structure of the National Palace of Queluz [452] *Benjamin George*

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## POSTER SESSION A

Thursday / 9:40 – 10:10

Digital Media in Landscape Architecture and Planning: Synchronizing Professional Demand and Direction with Technology Curriculum [15] *Galen Newman, Jun-Hyun Kim*

Influences of Plants' Motion on Landscape Preference, Attention Recovery and Affective Response [139] *Man-Chun Hsiao, Chen-Yen Chang*

Three Designs for the Lake Winnipeg Watershed: Fostering Ecological Literacy [28] *Shawn Stankewich, Brenda Brown*

Aqueduct Futures: Transdisciplinary Communication about Sustainability and Adaptation [118] *Barry Lehrman*

Dumping on Dixie: Is Public Participation Needed in the Landfill Creation Process [126] *Kenneth (Dale) Speetjens, Charlene LeBleu*

Editing Emergence: The Generative Capacity of Maintenance as a Design Instrument [134] *Michael Geffel, Teresa Gali Izard*

A Synthetically Process to Evaluate the Agritourism Landscape in Taiwan [154] *Ying-Hsuan Lin, Chun-Yen Chang*

Defining Successful Elements of Community Gardens in Small U.S. Towns [318] *Meghan Schultz, Cory Gallo*

Healing the Invisible Wounds of War: Therapeutic Landscapes for Wounded Warriors Suffering from Post Traumatic Stress Disorder (PTSD) [378] *Sarah Ashmun, Jack Sullivan, Victoria Chanse, Nicholas Watkins*

Abandoned Spaces to Community Places: How Vacant Lots can be Transformed into Healthy Civic Spaces [392] *Rafael Egues, Charlene LeBleu*

Managing Uncertainty in the Design Process [408] *Molly Oliver, Brian Orland*

Designing a Riverfront Park from a West Virginia Brownfield [438] *Kathryn Wittner, Claire Jeran*

Shan-Shui City – Exploring Sustainable City Development in China [455] *Jie Hu*

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## SESSION 3

THURSDAY / 10:10 – 11:20

DESIGN EDUCATION & PEDAGOGY AT&T 101

Quick Response Design Assessment [55] *Simon Bussiere, Lohren Deeg*  
Landscape Architecture 2.0 [222] *Benjamin George*

Institutional Archives: Strategic Preservation [373] *M. Elen Deming, Josh Harris, Ilona Matkovszki*

Balancing Learning Objectives and Online Instruction in Course Development [446] *Christine Calorusso*

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COMMUNICATION & VISUALIZATION AT&T 102

Motion Pictures: Drawing While Moving [29] *Kenneth Helphand*

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The Impact of Sound on Environmental Experience: Do Multimodalities Improve Spatiotemporal Landscape Understanding? [152] *Mark Lindquist, Eckart Lange, Jian Kang*

COMMUNICATION & VISUALIZATION of the Space-Time Dimensions of Landscape Themes [305] *Olaf Schroth, Stephen Sheppard, Ellen Pond*

Representing Time and Space: DIY investigations [306] *Cesar Torres-Bustamante*

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DESIGN EDUCATION & PEDAGOGY AT&T 104

Panel: Open Forum for the Committee on Strategic Planning and Faculty Support [228] *Sadik Artunc, Kenneth Brooks, Margaret Bryant, Forster Ndubisi, Bernie Dahl, Sean Michael, Richard Hawks, Mark Boyer*

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RESEARCH & METHODS AT&T 107

Panel: State of CELA Research Initiatives [57] *Patrick Mooney, Ming-Han Li, Christopher Ellis, Taner Ozdil, Pitt David, Pat Taylor*

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RESEARCH & METHODS AT&T 108

Food-shed: Re-envisioning the Food Network both Inside and Outside of Hong Kong [80] *Qian Zhang, Jingjing Zhang*

Urban Prospects Along the Aeolian Coast: Infrastructure and the Three Regional Landscapes of North American Wind Power [188] *Matthew Gordy*

Sustainable Public Open Space: Enduring Brownfields Makeovers in Urban Landscapes [201] *Jayoung Koo*

The Livable Campus: Standards of Measurement [264] *Erin Daniels, Anna Reaves*

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LA CESTM • SUSTAINABILITY AT&T 202

The Price of Comfort: A Cost-Benefit Analysis and Case Study of How Landscape and Architectural Design Can Reduce Human Dependence on Climate Control [64] *Christine Edstrom O'Hara, Kristofer Holz*

Promoting Sustainability by Designing for the Full Lifecycle Cost of a Project [231] *Melinda Appold, Kathryn Gleason*

Case Study: Sustainable Greenway to EcoDistrict [236] *Claudia Goetz Phillips, Kim Douglas*

Multifunctional Landscapes, Sustainability and Measures of Performance in the Urban Context [423] *Baldev Lamba, Skip Graffam*

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HISTORY, THEORY & CULTURE AT&T 203

Sites of the Post-Apocalyptic Western: Landscape Architecture and the Moving Image [18] *Susan Cathleen Gunn*

Theory as Groundless—The Specter of Skepticism [20] *Michael King, David Hays*

The Presence of Place and Time in Landscape Photography [30] *Kathleen Kambic*

An Aesthetic of Place in Film vis-à-vis Film as a Medium Globalization [191] *Thomas Schurch*

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**PEOPLE-ENVIRONMENT RELATIONSHIPS** UACC ~A

Visual Similarity and Biological Diversity of Street Trees - Seeing is Believing [3] *Peter Troubridge, Nina Basuk*

The Socio-cultural Meaning of Urban Comfort and Its Consequences for Urban Landscape Design [48] *Silvia Tavares, Simon Swaffield, Emma Stewart*

Lost Love: Thoughts on Canals, Chemicals, Caps, and Lingering Resistance to Climate Science [172] *Denise Hoffman Brandt*

Cultural Landscapes Under Climate Change [401] *Elizabeth Brabec, Elizabeth Chilton*

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**HISTORY,THEORY & CULTURE** UACC ~B

Transit Deserts: The Theory of Long Term Placed-Based Transportation Inequities [10] *Diane Jones Allen*

The New Topographics: Radical Shifts in Landscape Thinking and Valuation in the 1970's [338] *Anne Godfrey*

Getting from One to Five: A Discussion of the Design Evolution of Post-industrial Site Reclamation Models [417] *Terry Clements, Wei Cao*

Enhance Health of Pre-school Children Through Prolonged Engagement on Playgrounds [94] *David Watts*

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**SESSION 4**  
**THURSDAY / 1:30 – 2:40**

**DESIGN EDUCATION & PEDAGOGY** AT&T 101

Time, Place, Duration: Constraints on Graphic Development in the Curriculum [14] *Ashley Calabria*

Making Our Graduates Competitive in the Workforce: What Soft Skills do Students, Faculty, Alum and Employers Value? [159] *Pat Crawford, Robert Dalton*

Practicing Professionally [206] *Nicholas Nelson*

Models for Integration of Design-Build into Landscape Architecture Curricula [214] *Ole Sleipness, Phil Waite*

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**COMMUNICATION & VISUALIZATION** AT&T 102

Freehand Renaissance: Concept Sketching for a Digital Age [175] *James Richards*

On Floating and Falling: [177] *P. Richard Perron*

Space, Time, Place, Duration: Geospatial Framing and Sensing Identities of Landscape Architects [310] *Hala Nassar, Robert Hewitt, Geoffery Taylor, Brooks Patrick*

3D Digital Graphics in Landscape Architecture Professional Practice: Current Conditions in a Nutshell [396] *Shujuan Li, Jie Yan, Bo Yang*

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**URBAN DESIGN** AT&T 104

Topographically Calibrated Density: Towards a Suburban Template for Steep Sites [60] *Karl Kullmann*

Master Planning for the Arts: Identifying the Skills and Roles for Landscape Architects [77] *Jack Phillips, Taner Ozdil*

Cross-purposing the Easement: A Case Study in River Easement Use in Tokyo, Japan [145] *Sean Burkholder, Jun Hashimoto*

Using Planning Support Systems in Neighborhood Planning for Transit Station Development: Perceptions of Planners and Community Organizers [249] *David Pitt, Michael Greco, Todd Graham*

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**RESEARCH & METHODS** AT&T 107

Green Roof Performance Study: Puget Sound Region [27] *Benjamin Spencer, Ken Yocom*

The Stormwater Treatment Chain: Quantifying the Effects in the Southeastern United States [178] *Timothy Schauwecker, Jason Walker, Gordon Lackey*

Stormwater Runoff from a Small Integrated Green Roof System at Kansas State University: A Review of Data Gathered over Parts of Four Years [315] *Lee Skabelund*

Water Use Scenarios: An Assessment of Land Use and Crop Alternatives in a Rural Nevada Watershed [428] *Scott Bassett, Douglas Boyle, Christopher Garner*

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**RESEARCH & METHODS** AT&T 108

Panel: Evaluating Landscape Performance: Environmental Benefits [427] *Kristina Hill, Mary Myers, Barry Lehrman, Ming-Han Li*

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**SERVICE LEARNING & COMMUNITY ENGAGEMENT** UACC ~B

Applied Teaching Strategies of Service-Learning: An Application of the Experiential-Learning Theory in Design Education [230] *Changshan Huang, Ture Petersenn*

Opportunities and Constraints: Challenges and Benefits of Service Learning [284] *Jon Calabria, Alfie Vick, Paul Matthews, Shannon Wilder*

Assessing the impact of an immersive service-learning program in Tanzania: Lessons from the field [370] *Mallika Bose, Brian Orland, Larry Gorenflo*

Lessons from Five Service-Learning Projects [389] *Omar Faruque*

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**HISTORY,THEORY & CULTURE** AT&T 203

Translating America's Best Idea: Charles A. Richey & Post-War Planning of the Japanese National Park System [293] *Heidi Hohmann*

White Gloves/Work Gloves: On-Site with Beatrix Farrand [343] *Linda Jewell*

Designing from the Inside-Out: Anna Halprin's Role in Lawrence's Search for Authenticity in Landscape Creation [345] *Judith Wasserman*

Designing and Preserving Change: An Examination of the Home of Landscape Architect James Rose [377] *Dean Cardasis*

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**PEOPLE-ENVIRONMENT RELATIONSHIPS** UACC ~A

Programming the Middle Landscape: Cherry Grove Farm Case Study [35] *Holly Grace Nelson*

The Case Studies of Treatment Effect of Horticultural Therapy Activities on Dementia Patients [162] *Chih-Fan Tung, Chun-Yen Chang, Sheng-Jung Ou*

Establishing A Dose-Response Curve for The Impact of Community Forests on Recovery from Acute Stress [217] *Bin Jiang, William C. Sullivan*

Planting Design and Its Impact on Efficacy in Therapeutic Garden Design for Dementia Patients in Long-term Care Facilities in North Texas [280] *Cuiyan Mei, David Hopman*

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## HISTORY, THEORY & CULTURE

AT&T 202

Panel: Managing Heritage of South Asian Cultural Landscapes: Retrospect and Prospects [33] *Kapila Silva, Amita Sinha, Neel Kamal Chapagain, Neha Rajora, Ana Valderrama*

---

## POSTER SESSION B

**Thursday / 2:40 – 3:10**

The Tulip Era Gardens at Ottaman [41] *Bulent Cengiz, Filiz Çetinkaya Karafaki, Parisa Aliasghari Khabbazi*

Landscape Architecture from the Active Learning Cloud [42] *Matthew James*

The Productive Value of Non-Productive Space [83] *Matthew McCreary, Jeffrey Slater, Galen Newman*

Sustainable Master Planning with Metrics: Review of a Mixed-use Student Housing Development at Texas A&M University [104] *Joomee Lee, Bruce Dvorak, Ao Shi, Pengzhi Li, Xianpeng Liu, Sinan Zhong*

An Analysis of Permaculture Designed Communities in the Southeastern United States [122] *Claire Ritchey, Charlene LeBleu*

Effects of Landscape on Psychological Response and Brain Region Activity [142] *Ying-Ju Lin, Chun-Yen Chang*

FARMwork: efficient, productive, and responsible agricultural systems [165] *Katherine Lloyd, Paul Russell*

Reforesting the Reclaimed Appalachian Coal Mined Landscape Over Space and Time [202] *Brian Lee, Christopher Barton, Corey Wilson*

Leaving the Drafting Table: The Value of Design/Build in Landscape Architecture Education from the Students' Perspective [223] *Katherine Melcher*

Urban Landscape Stormwater Mitigation: Green Walls as a Tool [286] *Barry Kew*

The Effect of Sound of Water on Human Physiological Responses [330] *Chien-Fu Liao, Chun-Yen Chang*

The Decommissioning of Parks in Detroit, Michigan: A New Strategy [385] *Erik Bush, Sean Burkholder*

Greenways Going Further: Can Greenways Systems Theory Bring Synergy to the Rest of the City? [449] *Jim Brown, Archana Sharma*

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## SESSION 5

**THURSDAY / 3:10 – 4:20**

## DESIGN EDUCATION & PEDAGOGY

AT&T 101

Panel: Achieving Excellence in Design Studio Teaching: A Panel Discussion [37] *Patrick Mooney, Blake Belanger*

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## LA CES™ • DESIGN IMPLEMENTATION

AT&T 202

Internal Water Storage Layer To Improve the Performance of A Texas Field Bioretention Cell in Treating Urban Highway Runoff [7] *Ming-Han Li, Mark Swapp, Myung Hee Kim, Kung-Hui Chu, Chan Yong Sung*

Stakeholders' Perception on the Design and Feasibility of the Fused Grid Street Network Pattern [102] *Hong Mang, Taner Ozdil*

Vulnerable by Design: Consequences of Infrastructure Failure in the Sacramento-San Joaquin Delta [189] *John Radke, Tessa Beach*

Design and Implementation Processes of Low Impact Development in North Texas [218] *Alice Holmes, Taner Ozdil, Fouad Jaber*

---

## DESIGN EDUCATION & PEDAGOGY

AT&T 102

Lessons in Praxis from Chaumont Sur Loire [46] *Katya Crawford, Susan Frye*

The Learning Experiences of Chinese Students in LA departments in USA [114] *Bo Zhang, Xiaolong Zhao, Dan Chen*

The Analytical Eye: Awakening Design Students to the Potential of Photographic Inquiry [124] *Phoebe Lickwar*

The Integration of Educational Theory and Cognitive Processes into Learning Landscape Design [323] *Matthew Powers*

---

## URBAN DESIGN

AT&T 104

Equity and Urban Design, Why Time and Place Matter [196] *Kristine Miller*

Space, Time, Place, Duration: The Evaluation of Designed Urban Landscape Through Public Social Media Activity [300] *Robert Hewitt, Brooks Patrick, Geoff Taylor, Hala Nassar*

The Infrastructure of Food [367] *Jacob Boswell*

Modular Habitat [390] *Katherine Bennett*

---

## RESEARCH & METHODS

AT&T 107

Panel: Applying Science to Design for and Evaluate Performance [374] *Barbara Deutsch, Mark Simmons, Danielle Pieranunzi, Deb Mitchell*

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## LA CES™ • SUSTAINABILITY

AT&T 203

Drawing Sustainable Farming Practices [117] *Sallie Hambright-Belue*

Reactivation of Public Space with Clean Energy for An Ecotourism Development in Alacati, Turkey [127] *Kaan Ozgun, Laurie Buys, Ian Weir*

Successes and Failures of the First Slow City in Turkey: The Case of Seferihisar [141] *Cigdem Coskun Hepcan, Nihal Eser, Serif Hepcan*

Eating Time and Place: A Systems Framework [404] *Matthew Potteiger*

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## HISTORY, THEORY & CULTURE

AT&T 108

Toward a New Landscape: The Evolution of Modular Form in Ian McHarg's Theory of Design [39] *Kathleen John-Alder*

Cultura and the Counsel of Roberto Burle Marx [66] *Catherine Seavitt Nordenson*

Force of Personality: Design Decisions Through Dialogue [269] *Sarah Georgia Harrison*

An Overlooked Pioneer: Reconsidering the Final Works in a Career [391] *Annaliese Bischoff*

---

**PEOPLE-ENVIRONMENT RELATIONSHIPS**

UACC ~A

A Comparative Study of Perceptions and Barriers to Walking in Residential Neighborhoods [25] *Chuo Li, Robert Jackson*

Design Elements and Applications to Solving Obesity: The Behavioral Responses in the University of Georgia Lunchscapes [131] *Pongsakorn Suppakitpaisarn, Sungkyung Lee*

Just in Time: Psychophysiological Coherence in the Landscape [143] *Brittany Harvey, Jody Rosenblatt-Naderi*

Using Willingness-to-Pay to Measure Perceived Economic Values of Activity-Friendly Environments [265] *Eric Bardenhagen, Chanam Lee, Jun-Hyun Kim*

---

**HISTORY, THEORY & CULTURE**

UACC ~B

Travelling Across America in One Place: The Phenomenon of the Interstate Village [23] *Alf Simon*

Turkish Understanding of Gardens from a Historical Perspective [100] *Bülent Cengiz, Murat Ertugrul Yazgan, Canan Cengiz*

Deciphering Historic Landscapes: A Case Study of Slender West Lake in Yangzhou, China [132] *Chen Yang, Jeannie Sim*

The Site Documentation Method as an Effective Approach for Teaching Introductory Studios [322] *Anne Godfrey*

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**SESSION 6**

**FRIDAY / 9:00 – 10:10**

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**DESIGN EDUCATION & PEDAGOGY**

AT&T 101

Panel: Experiential Learning: A Strategy to Improve the Study Abroad Learning Experience for Landscape Architectural Students [245] *Changshan Huang, Ture Petersenn, Thomas Knwener, David Baier*

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**COMMUNICATION & VISUALIZATION**

AT&T 102

Panel: Confronting the Digital Divide [358] *Bambi Yost, Carl Rogers, Jon Hunt, Caroline Westort, Cameron Campbell*

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**DESIGN EDUCATION & PEDAGOGY**

AT&T 204

Panel: Compiling in the Core; Computer Programming in the Landscape Architecture Curriculum; Apps, Scripting, Macros & Interaction [65] *Caroline Westort, Stephen Ervin, Peter Petschek, Bradley Cantrell, Hope H. Hasbrouck*

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**LA CESTM • LANDSCAPE PLANNING & ECOLOGY**

AT&T 202

Re-presenting Nature: Developing a Stream Swamp Forest Interpretive Exhibit [13] *Robert Brzuszek, Timothy Schauwecker, Gordon Lackey*

Reimagining a Sustainable Future for Mine-Scarred Lands [44] *Angela Campbell, Peter Butler, Jing Chu, Ayaka Hosogaki*

Commemorating Africantown: A New State Park in Alabama [61] *Charlene LeBleu*

Tangshan Nanhu Eco-city Central Park - From Brownfield to Green Park [454] *Jie Hu*

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**RESEARCH & METHODS**

AT&T 203

Panel: Evaluating Landscape Performance: Social Benefits [424] *Linda Ashby, Victoria Chanse, Bo Yang, Byoung-Suk Kweon*

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**SERVICE LEARNING & COMMUNITY ENGAGEMENT**

AT&T 104

Inching Towards Change: The Long Game of Community-University Partnerships [31] *Jane Futrell Winslow, Barbara Brown Wilson*

Using Service Learning Design Studios to Create Community Connections and Increase Their Value to Stakeholders, Clients and Professional Designers [148] *William Green, Catherine Weaver*

Solar Park on a Landfill - Integrating Service Learning and Community Impact in the Design Process [237] *Wolfram Hofer*

Four-legged Ecovegetary Agents of Engagement: The Potential of Targeted Grazing as a Tool for Community Building, Ecological Restoration, and Public Outreach [326] *Zachary Richardson, Eric MacDonald*

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**HISTORY, THEORY & CULTURE**

AT&T 107

Variations on a Theme by Clarence Stein [71] *Michael Martin*

Ian McHarg's Aesthetics [121] *Bo Zhang, Xiaolong Zhao*

Virginia's Crooked Road and the Landscape of Bluegrass [123] *Brian Katen*

Rohwer Memorial Cemetery: A Story of Hope and a Desire for Permanence [140] *Kimball Erdman*

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**PEOPLE-ENVIRONMENT RELATIONSHIPS**

AT&T 108

The Relationship between Poverty, Community Land Use, and Older Adults' Opportunities for Social Integration [87] *Keith Christensen*

The Suburban Threshold and the Potential Link to Community Sociability [107] *Kristian Kelley*

Hospitals and Immigrants: Revitalizing/Replacing the Gateway Neighborhood [155] *Susan Dieterlen*

Linking of Social values for Riparian Ecosystem Services and Quality of life [437] *Jung A Lee, Jinhung Chon*

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**POSTER SESSION C**

**FRIDAY / 10:10 – 10:40**

Life in the Ruins: Endings, Limits + Continuations [38] *Jennifer Griggs, Katya Crawford*

Propagating Interest in Plant Design [91] *David Hill*

The "Pedestrian Realm" as a Genesis of Commerce: Bazaars of the East and Mixed-use Centers of the West [110] *Zoha Niazi, Taner Ozdil*

Relationships among Flow Experience, Qi Experience, Attention Restoration and Preference [166] *Shih-Han Hung, Chun-Yen Chang*

Intentional Adaptation: Shaping the Land to Create a Dialogue Between a City and an Eroding Coastline [190] *Grey Elam, Gwendolyn McGinn, Kristina Hill*

Enhancing Design Portfolios: Transitioning to Professional Practice [194] *Nicholas Nelson*

Analysis of the Current State of Interdisciplinary Landscape Architecture Education [234] *Tae Seo Koo, Arthur Rice*

Geomorphic and Human Induced Factors of Subwatershed Types in Kentucky [270] *Brian Lee, Angela Schörgendorfer, Corey Wilson*

City Parks and Cities: A Demographics Impact Model for Park-Related Expenditure [287] *Lanbin Ren, Mark Gillem*

Linking the Park to the Bay: Realizing John Nolen's 1908 Plan for San Diego [298] *Thomas Schurch, Michael Stepper*

Industrial Labyrinth in the Heart of Birmingham [327] *Pratisha Shakya, Charlene LeBleu*

Doing Time in this Place: Mother-Child Gardening Programs in Prison [347] *Julie Stevens*

A Home Away From Home: Biophilic Design for Confined, Long-term Dwellings Synonymous with Spaceflight and Spaceflight Analogous Environments" [407] *Scott Begly, Sean Burkholder*

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## SESSION 7

### FRIDAY / 10:40 – 11:50

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#### DESIGN EDUCATION & PEDAGOGY

AT&T 101

Ecological Design | Design Ecology: Integrating Ecological Thinking into Early Design Education [95] *Ken Yocom, Julie Johnson*

Trees as Signifier: A Way to Begin [207] *Peter Osler*

Teaching Residential Design in the Age of Sustainability: Twenty-First Century Anachronism or Neglected Fundamental of Professional Pedagogy? [384] *Dean Cardasis, Elizabeth Thompson*

Integrating Disciplines and Teaching Relationships Between Ecology, Experience and Design Through Time and Process [393] *Ken McCown*

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#### COMMUNICATION & VISUALIZATION

AT&T 204

Panel: Exploratory Physiocartographies of Place and Time [181] *Joni M Palmer, Paula Horrihan, Kathy Kambic, Joern Langhorst, Caroline Lavoie, Chip Sullivan*

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#### URBAN DESIGN

AT&T 102

Designing Dredge: The Role Dredging in the Urban Landscapes of Great Lakes [98] *Sean Burkholder*

Identifying Perceptions of the Creative Class Regarding Lost Space in Downtown Dallas [210] *Yao Lin, Pat Taylor*

Nature in the Indian Mega-City: Locating Identity and Place [239] *Amitabh Verma*

Degrees of Life and Complexity in Istanbul Informal Settlements [257] *Noah Billig*

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#### RESEARCH & METHODS

AT&T 104

Investigating Social Disparities in Urban Canopy Availability and Park Accessibility [203] *Xiaolu Zhou, Jinki Kim*

What We Design and What We Experience: Comparing the Objective and Perceived Measures of Percentage of Tree Canopy [209] *Bin Jiang, Dongying Li, Chung-Heng Hsieh, Chun-Yen Chang, William C. Sullivan*

A Mixed Methods Approach to Studying Creativity in Design Students [254] *Jeremy Merrill, Sheryl Hodge, Stephanie Rolley*

Perception of a Functional Wetland Landscape in a Senior Living Community [363] *Mary Myers, Allison Arnold*

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#### RESEARCH & METHODS

AT&T 107

Measuring Gully Erosion in Two Disturbed Midwestern Landscapes [67] *Katie Burke, Tim Keane*

School Siting Policies: Identifying a Healthy and Safe Learning Environment [221] *Amy Marin, Byoung-Suk Kweon, Paul Mohai, Sang Yun Lee*

Challenges and Lessons Learned from Developing a Critical Research Practice in an Established Landscape Architecture Firm [233] *Shimon Zimbovsky, Craig Farnsworth*

Economic Valuation of the Activity-Friendly Environments: The Interaction Among Residential Single-family Property Values, Activity-Friendly Amenities, and Children's Physical Activity [340] *Minjie Xu, Chanam Lee, Jesse Saginor*

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#### LA CESTM • SUSTAINABILITY

AT&T 202

Cross Creek Ranch Master Planned Community: Landscape Performance and Lessons Learned [26] *Ming-Han Li, Bruce Dvorak, Yi Luo, Matt Baumgarten*

Natural Plant Communities as Green Roof Templates: An Interdepartmental Pilot Study [278] *Tim Toland*

The Potential of Urban Agriculture to Mitigate Urban Heat Island Effects [288] *Samantha Samples, Edward Cook*

Urban Flow-Through Facilities' Soil Media Compositions for Stormwater Quality and Quantity Improvements [297] *Cory Gallo, Robert Kroger, Emily Overbey*

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#### HISTORY, THEORY & CULTURE

AT&T 203

Federal Metropolis [111] *Rob Holmes*

Chatham Village: A Look at Spatial Experiences Through Time [183] *Julia Morrison, Kyle Beidler*

Viking Cities: The Other Medieval Planning Tradition [399] *Nancy Volkman*

The Built Vestiges of Host Cities of Multiple Mega-Events [457] *Kris Fox*

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#### PEOPLE-ENVIRONMENT RELATIONSHIPS

AT&T 108

Parsing Wildness: Parks in the Shrinking City [156] *Susan Dieterlen, Meghan Holtan*

If You See Something, Say Something: Community Response (and

Non-response) to Outdoor Advertising Regulation in Los Angeles [303] *Bryce Lowery, David Sloane*

Human Health and Well-Being Benefits of Urban Greening: The Scientific Basis for Emerging Landscape Design Norms [400] *Theodore Eisenman, Tom Daniels*

The Physical Activity Affordance of Diverse Park Settings in Accordance to Gender [413] *Zahra Zamani, Robin Moore*

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## SESSION 8

### FRIDAY / 1:00 – 2:10

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#### DESIGN EDUCATION & PEDAGOGY AT&T 101

Teaching the First Year MLA Studio: Developing a Core Studio in the Education and Inspiration of Future Visionaries and Design Professionals [192] *Joni M. Palmer*

Lessons from Interdisciplinary Foundational Studies in the School of Architecture + Design at Virginia Tech [314] *Mintai Kim, Brian Katen*

Values Mapping: Encouraging Divergent Student Design Proposals [339] *Bernie Dahl, Sean Rotar, Ann Hildner, David Barbarash*

Visualizing New Jersey Farms [387] *Holly Grace Nelson*

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#### DESIGN EDUCATION & PEDAGOGY AT&T 102

Taking it to the Street [116] *Terry Clements*

Landscape of Stone and the Art of Construction: The Partnership of Lawrence Halprin and Stone Mason Edward Westbrook [365] *Judith Wasserman*

Material Reuse in the Landscape: The Feasibility of Reusing Wood in Landscape Construction and Design [429] *Christopher McDowell, Katherine Melcher*

The Art and Craft of Detailed Design in the Sustainable Era [456] *Kris Fox*

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#### DESIGN EDUCATION & PEDAGOGY AT&T 104

Cross-Disciplinary Digital Pedagogies [119] *Michael Beaman, Zaneta Hong*

Digital Landforms [Surface Treatment] [205] *David Karle, Sarah Thomas Karle*

Inter-dimensional and Multi-scalar Strategies For Teaching Interdisciplinary Design [225] *Kenneth Brooks, Stephanie Fanger, Kristian Kelley*

Amplifying Scope, Accentuating Sequence: Landscape Architecture and Urban Design in an Architecture Curriculum [309] *Natalie Yates, Patty Heyda*

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#### LA CEST™ • LANDSCAPE PLANNING & ECOLOGY AT&T 202

New Beach Designs as an Urban Adaptation to Sea Level Rise [85] *Rachel Stevens, Kristina Hill, Nathan Burgess, Amy Grady*

Private Land, Public Good: Strategies for Urban Ecological Enhancement on Private Property [184] *Joshua Cerra*

Sea Level Rise Adaptation Strategies: A Case Study of Mokpo, Korea [246] *Yumi Lee*

Study of Landscape Fragmentation as an Impact of Natural Gas Drilling in North Texas [411] *Anjana Pradhananga, Pat D. Taylor, Taner Ozdil*

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#### RESEARCH & METHODS AT&T 107

Panel: Asking the Difficult Questions: The Importance and Potential of Landscape Architectural Design Research in Exploring Answers to Complex Problems [135] *Simon Kilbane, Gerard Siero, Sara Padgett, Neldner Josephine, Richard Weller*

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#### LA CEST™ • SUSTAINABILITY AT&T 203

Reviews of Theoretical Foundations of LEED-ND: Scale Issues in Sustainable Neighborhood Development [72] *Tsung-Pei Cheng, Ming-Han Li, Forster Ndubisi*

Sustainable Outcomes of a Flexible Grid: La Prusia, Nicaragua [146] *Simon Bussiere*

Energy landscapes: Past and present [208] *Tessa Beach, John Radke*

Sustainable Development Along the Egyptian Red Sea Coast: Still Possible? [362] *Amir Gohar, Mathias Kondolf*

---

#### HISTORY, THEORY & CULTURE AT&T 108

Deluxe Jim Crow and the Equalization School Landscape of Georgia, 1950-70 [53] *Daniel Nadenicek, Steven Moffson*

Falling Barns: Registers of Social and Economic Evolution in the Arkansas Ozarks [125] *Phoebe Lickwar, Frank Jacobus*

Speed, Experience and the Aesthetics of Modernity in the Mid-Century American Landscape [199] *Jeffrey Blankenship*

Urban Farming and the Reappearance of a Landscape Architectural Tradition [313] *Katherine Crewe*

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#### PEOPLE-ENVIRONMENT RELATIONSHIPS AT&T 204

Reading Place Through Reconnaissance Running [182] *Noah Billig, Kimball Erdman*

Spatiotemporal Soundscape Variation of Large Urban Parks: An Analysis of Psychoacoustic and Physical Indicators of St. James's Park, London [394] *Mark Lindquist, Jian Kang, Eckart Lange*

New Tools for Measuring and Predicting Place Attachment on a Neighborhood Level [412] *Aliaa Elabd, Robin Abrams*

Developing a Shorter Version of the Irvine-Minnesota Inventory for Youth [439] *Mallika Bose*

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## POSTER SESSION D

### FRIDAY / 2:10 – 2:40

Design Week: A New Approach to Integrating Student Learning and Faculty Research [96] *Ryan Hargrove, Carolina Segura*

Toomer's Oaks: What a Pair of Poisoned Trees Might Tell Us About Ourselves [170] *David Hill*

Urban Fruits of the Northeast [179] *Nathan Heavers*

Landscape as Iconography [247] *Tim Freitag, Paul Russell*

The Ignored/Lost Contest for Land-waste Infrastructure in India [301] *Suvarna Apte-Dalvie*

Mainland Quality: Meaning and Endurance in China's Contemporary Landscape [344] *Scott Melbourne*

Combating Obesity with Mud Pies and Tree Cookies: A Case Study of Three Natural Play Spaces in Northwest Minnesota [352] *Eric Castle, Daniel Handeen, Sarah Reese, Virajita Singh*

Walkability Through Interior Spheres in Urban Environment [368] *Seyed SaLEH Kalantari Hematabadi, Alireza Mostaghni*

The Unconscious Landscape and the New Science of Life [386] *Cheryl Mihalko*

Bark Park: The Greenville Humane Society: Service Learning & Community Engagement Explore the Opportunity for Critical Design [388] *Paul Russell, Daniel Harding*

Interpretive Signs in the Landscape: Are People Learning from Them? [415] *Emilie Carter, Christopher Ellis*

Economic Analysis of Residential Rainwater Harvesting Systems in the City of Austin, Texas [451] *Hyun Woo Kim, Ming-Han Li, Hye Kyung Lee*

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## SESSION 9

**FRIDAY / 2:40 – 3:50**

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### DESIGN EDUCATION & PEDAGOGY AT&T 101

Design in the Data Cloud: Preparing Students to Effectively Leverage Quantitative Evidence Based Design Tools [106] *Anna Reaves, Jamie Vanucchi*

Improving Site Engineering Instruction; Comparison across Multiple Data Sets [281] *Kyle Beidler, Lauren Panton*

Web-Enhanced Teaching in Landscape Architecture Construction Studios [291] *Young-Jae Kim, Jun-Hyun Kim, Ming-Han Li*

Improving Student Learning through Integrated Project Experiences [307] *Sean Rotar, Bernie Dahl, Ann Hildner, David Barbarash*

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### LA CES™ • DESIGN IMPLEMENTATION AT&T 202

Panel: Vegetative Roof Plant Establishment in the South Central Plains: Findings, Challenges and Lessons Learned [36] *David Hopman, Reid Coffman, Bruce Dvorak, William Fleming*

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### LA CES™ • DESIGN IMPLEMENTATION AT&T 203

Panel: Igniting Creativity in the Design Studio: Ideas for Action [45] *Katya Crawford, Blake Belanger, Phoebe Lickwar, Carl Smith*

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### URBAN DESIGN AT&T 102

Vacancy As Opportunity [271] *Carey Clouse*

Children's Use of Pathways; Independent Mobility and Playing along the Way [276] *Adina Cox, Robin Moore*

The RUBAN and the Phalansteres [416] *Dietmar Straub*

Conjoined Nature in Buildings [425] *Daryl Carrington, Brian Ledder*

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### RESEARCH & METHODS AT&T 104

Reconstruction of the Vegetation-Bearing Architectonic Structure and System (1938) [8] *Richard Hindle*

A Comparative Analysis of Planning Decisions about Vacant and Abandoned Lots in U.S. Cities [88] *Leah Hollstein, Allan W. Shearer*

Photography as a Medium of Inquiry [398] *Anne Whiston Spira*

Fabricating Landscape Surfaces: Redefining Digital Design and Fabrication Techniques for Landscape Architectural Applications [402] *Brian Osborn*

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### RESEARCH & METHODS AT&T 107

Connecting Research to Practice: Publishing Trends Over Time [164] *Debra Flanders Cushing*

The Case for a Scholarship of Business Practice in Landscape Architecture [426] *Sean Michael, Judd Michael, Kurt Culbertson, David Evans*

Space in Time: Temporary Intervention as Urban Design [256] *Nancy Rottle*

Taming Wicked Problems in Community Design through use of Web-Conferencing [285] *Barry Kew*

---

### HISTORY, THEORY & CULTURE AT&T 108

Space and Culture Under the Cherry Trees [128] *Ron Henderson*

Paradise in Conflict: Reexamining and Safeguarding the Genius of the Mughal Gardens of Kashmir [157] *Jan Haenraets, Alyssa Schwann, Melissa Hollingsworth*

The Relationship Between a Plant's Traits, a Plant's Taste and Function, and Feng Shui [187] *Yi-Ting Lin, Chun-Yen Chang*

Eruv: Embracing Time and Space [75] *Isaac Hametz, Isaac Cohen, Rachel Vassar, Jorg Sieweke*

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### PEOPLE-ENVIRONMENT RELATIONSHIPS AT&T 204

Cow Country: Parsing the Global in the Local Beef Landscape [173] *Denise Hoffman Brandt*

Time to Garden: Reemergence of the Vegetable Garden [258] *Elizabeth Payne Tofte, Dustin Langford*

Ahupua'a as a Model for Sustainable Productive Urban Landscapes [263] *Judith Stilgenbauer*

Capturing Collective Imagination: Towards the Well-being of Mesopotamia's Oldest Living Settlement [436] *Hooman Koliji*

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## SESSION 10

**FRIDAY / 4:10 – 5:20**

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### DESIGN EDUCATION & PEDAGOGY AT&T 101

Discovering Values: Social Constructivism in Landscape Architecture Pedagogy [12] *Jennifer Britton*

Theory Theatre: Reflections on an Experiment in Border Pedagogies [22] *Karen Wilson Baptist*

Assumptions to Arguments: A Framework for Generative and Reflective Design Process [273] *Allan W. Shearer*

Socratic Questioning: The Art of Questioning in Thinking, Teaching and Learning [302] *Sarah Thomas Karle*

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**COMMUNICATION & VISUALIZATION** AT&T 204

Panel: Reasserting the Temporal: Landscape Architecture and the Cinema [120] *Austin Allen, Joern Langhorst, Reece Auguiste, Susan Cathleen Gunn*

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**URBAN DESIGN** AT&T 102

Complete and Safe Streets: From Policy to Practice [2] *Farhad Atash*

Does More Centrally Located Schools Promote Walking to School?: An Exploratory Study using the Closeness Centrality Index [174] *Hyung Jin Kim, Chanam Lee*

Share the Road – A Tool Kit for University Campus Complete Streets: The case of The University of Maryland [193] *Mingyu Cui, Byoung-Suk Kweon, David Myers*

Building a Sustainable Urban Landscape: Adaptive Re-Use of Transportation Infrastructures [444] *Hooman Koliji, Mohammad Gharipour*

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**LA CESTM • LANDSCAPE PLANNING & ECOLOGY** AT&T 202

A Geodesign Approach for Energy Development-enabled Sustainability [62] *Brian Orland, Timothy Murtha, C. Andrew Cole*

GeoDesigning Wildlife Corridors: Merging Conservation Planning, GIS, and Landscape Design [219] *Ryan Perkl*

GIS-Based Coupled Cellular Automaton Model to Determine Irrigated Agriculture Land Use in the High Plains Aquifer Region [419] *Peiwen Wang, Eric Bernard*

Applying Ecological Footprint and Ecosystem Services Methods to Calculate Ecological Capacity and Demand at a Countywide Scale [420] *Christopher Sass, Bryce Lawrence*

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**RESEARCH & METHODS** AT&T 104

Panel: Defining and Valuing Research in Landscape Architecture [241] *M. Margaret Bryant, Lee-Anne Milburn, Tim Keane, Kathryn Gleason*

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**SERVICE LEARNING & COMMUNITY ENGAGEMENT** AT&T 107

Diagramming the Community Design Process: Making Visible the Complexity of Community Participation in Design [220] *Katherine Melcher*

Ideologies and Challenges in Shifting Park Discourses of Million Amenity Park, Busan, South Korea [243] *Sungkyung Lee, Seung-hwan Kim, Sungyung Yoon*

Stretching Sustainability: Interdisciplinary Design/Build at the Limits [289] *Cory Gallo, Hans Herrmann*

Escuela Ecologica Saludable Initiative: Facing the Challenges of Classroom Construction in the Assentimientos Humanos of Lima Peru [406] *Benjamin Spencer, Susan Bolton, Jorge Alarcon*

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**HISTORY, THEORY & CULTURE**

AT&T 108

Learning from Craft: Reconsidering Professional Identity [240] *Jenna Perstlinger, Ann Komara*

Twelve Prescriptions for an Authentic Vernacular of our Global Village [308] *Hyejung Chang*

Enduring Values, Shifting Themes: Patterns of Environmental Practice in Australian Landscape Architecture, 1960-2012 [371] *Catherine Evans, Linda Corkery*

Meaning of the Built Environment: Differences and Similarities between Designers and Users [410] *Aliaa Elabd, Henry Sanoff*

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**PEOPLE-ENVIRONMENT RELATIONSHIPS**

AT&T 203

Engineered Ecologies of the Pearl River Delta [198] *Dorothy Tang*

Bugs, Prairie Dogs, and Tranquility: Why Stapleton Residents Love Stormwater Parks [360] *Jessica Canfield, Huston Gibson*

Land, Water, and Territory: A 3,000-year Study of Niche Construction and Culture Change at Tikal, Guatemala [434] *Timothy Murtha, Kirk French*

Do People Understand Infiltration Along Urban Streets? – A Comparative Survey of Infiltration Systems and Their Aesthetic Values [440] *Frank Slegers, Elizabeth Brabec*

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