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Kathryn Anthony
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Stewart C. Cluck
Thierry Rosenheck
Daniel Stokols
Richard Elliot Wener
Greetings, EDRA Conferees!

On behalf of the EDRA 49 Program Committee and conference co-chairs, I would like to welcome you to Oklahoma City and this year’s Environmental Design Research Association conference. Since its founding, EDRA has been committed to ensuring that every human being, especially the underserved and unheard, have access to environments that are supportive of their livelihoods, represent their communities’ identities and values, and are respectful of the needs of the natural world. EDRA’s members have pioneered environment and behavior studies, evidence-based design, facility evaluation methods, sustainability, active living community planning, universal design, diversity in design, workplace design and informatics, and digital technologies all focused on improving understanding of the inter-relationships between people and their built and natural surroundings.

This year’s conference focus on Social Equity by Design: Designing Connections through Community, was developed to help us always reevaluate the social issues and bring our membership back to the goals that guided the efforts of EDRA members half a century ago continue to be relevant. Racial and social injustices continue to exist in the sustainable city. As the United Nations has recognized, achieving sustainable human environments require thinking and acting systemically and strategically to be transformative in all domains of human and community life.

Since its founding, EDRA has committed to be diverse and international in its outreach. This year’s 240 speakers and participants come from 15 different countries from all corners of the world. The breadth and diversity of research approaches and methods showcased at EDRA49 shows just how committed EDRA members and authors are to innovation and to stretching our intellectual boundaries towards global challenges like climate change, migration, poverty, food security, health, energy and building efficiency, livability, democracy, identity and attachment, which require the collaboration of all fields of knowledge, from the social to the natural sciences, and from the arts and architecture to engineering. EDRA has always prided itself to be transformative both of the communities where we operate as researchers and practitioners and of ourselves. We sincerely hope that EDRA49 will help plant seeds of transformation through the sharing of knowledge and the coming together of our diverse minds and hearts.

Deni Ruggeri, Ph.D.
EDRA Program Committee Chair
Associate Professor of Landscape Architecture
School of Landscape Architecture
Norwegian University of Life Sciences

David Boeck, M. Arch.
EDRA49 Oklahoma City Conference Chair
Associate Professor of Architecture
College of Architecture
University of Oklahoma

Jingfen Guo, MFA, MS
EDRA49 Oklahoma City Conference Co-chair
Assistant Professor, Interior Design Program
Department of Design
College of Fine Arts and Design
University of Central Oklahoma

Tilanka Chandrasekera, Ph.D.
EDRA 49 Oklahoma City Conference Co-chair
Assistant Professor
Department of Design, Housing and Merchandising
College of Human Sciences
Oklahoma State University

Thank you EDRA49 hosts!

University of Oklahoma College of Architecture
University of Oklahoma Urban Design Studio
Oklahoma State University Department of Design, Housing and Merchandising
University of Central Oklahoma Department of Design
## Schedule at a Glance

### Wednesday, June 6, 2018
- **7:00 am – 6:00 pm**: Registration Open
- **8:00 am – 5:00 pm**: Graduate Student Workshop
- **8:00 am – 1:00 pm**: Half-Day Morning
  - Pre-Conference Intensives
- **8:00 am – 5:30 pm**: Full-Day Pre-Conference Intensives
- **1:00 am – 5:30 pm**: Half-Day Afternoon
  - Pre-Conference Intensives
- **5:30 pm – 8:00 pm**: Welcome Reception

### Thursday, June 7, 2018
- **7:00 am – 5:00 pm**: Registration Open
- **7:30 am – 8:30 am**: Knowledge Networks
- **8:00 am – 5:00 pm**: Exhibits & Book Display Open
- **8:30 am – 9:00 am**: Coffee Break / Poster Session
- **9:00 am – 10:30 am**: Concurrent Sessions
- **11:00 am – 11:30 am**: Lunch and Opening Session
- **11:30 am – 1:00 pm**: Plenary Sessions
- **1:00 pm – 2:00 pm**: CORE and Great Places Awards Ceremony
- **2:00 pm – 2:30 pm**: Coffee Break / Poster Session
- **2:30 pm – 4:00 pm**: Concurrent Sessions
- **4:00 pm – 4:30 pm**: Coffee Break / Poster Session
- **4:30 pm – 6:00 pm**: Concurrent Sessions
- **6:00 pm – 6:30 pm**: Coffee Break / Poster Session

### Friday, June 8, 2018
- **7:00 am – 5:00 pm**: Registration Open
- **7:30 am – 8:30 am**: Knowledge Networks
- **8:00 am – 5:00 pm**: Exhibits & Book Display Open
- **8:30 am – 9:00 am**: Coffee Break / Poster Session
- **9:00 am – 10:30 am**: Concurrent Sessions
- **10:30 am – 11:00 am**: Coffee Break / Poster Session
- **11:00 am – 12:30 am**: Concurrent Sessions
- **12:30 pm – 1:00 pm**: Lunch
- **1:00 pm – 3:30 pm**: Plenary Sessions
- **3:30 pm – 4:00 pm**: Coffee Break / Poster Session
- **4:00 pm – 5:30 pm**: Concurrent Sessions
- **5:30 pm – 6:00 pm**: Cocktail Reception + Poster Session
- **6:00 pm – 8:30 pm**: EDRA Awards Banquet and Keynote Address by Vernice Miller-Travis

### Saturday, June 9, 2018
- **7:00 am – 10:00 am**: Registration Open
- **7:30 am – 8:30 am**: Network Chairs Meeting
- **9:00 am – 10:30 am**: Concurrent Sessions
- **10:45 am – 11:45 am**: Plenary Session
- **12:00 pm – 12:45 pm**: Member Meeting & Closing Session
- **1:30 pm – 5:00 pm**: Mobile Sessions

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For complete details and room assignments, refer to the full schedule beginning on page 8, or scan the code at left to access the conference mobile app. You can also reach the app in your browser at the following URL: [http://www.edra.org/edra49app](http://www.edra.org/edra49app)
Floor Plans

Ground Level

Level 2

Renaissance Oklahoma City Convention Center
10 North Broadway Avenue
Oklahoma City, Oklahoma 73102 USA
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REGISTRATION AREA
General Information

Registration

The EDRA49 Registration Area is located on Level 2 in the main hallway. Your registration packet will include your badge and all tickets provided in your registration or purchased for Mobile Sessions.

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Wednesday, June 6</td>
<td>7:00 am – 5:00 pm</td>
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<tr>
<td>Thursday, June 7</td>
<td>7:00 am – 5:00 pm</td>
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<td>Friday, June 8</td>
<td>7:00 am – 5:00 pm</td>
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<tr>
<td>Saturday, June 9</td>
<td>7:00 am – 10:00 am</td>
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Badge and Tickets

You must wear or have on your person your conference badge throughout the conference to be admitted into sessions and receptions. Additional purchased items such as Mobile Sessions tickets and extra banquet tickets will be placed in your badge holder. Please return your badge holder at the close of the conference to the registration desk for recycling.

Message Boards

A message board is located in the registration area. This board will be used for schedule changes, announcements, attendee messages and general information. Information tables will be available for you to leave program or institutional information and announcements, as well as presentation handouts.

Americans with Disabilities Act Statement

EDRA wishes to ensure no individual with a disability is excluded, denied services, segregated or otherwise treated differently because of the absence of auxiliary aids or services identified in the Americans with Disabilities Act. Please communicate your needs to an EDRA staff member.

Special Events

Welcome Reception

Wednesday, June 6, 5:30 pm – 8:00 pm
Ballroom C
Kick off EDRA49 Oklahoma City with drinks and hor d’oeuvres while you catch up with friends and make new connections.

Great Places Awards and CORE Recognition Ceremony

Thursday, June 7, 1:00 pm – 2:00 pm
Ballroom C
Join us for this ceremony recognizing the recipients of EDRA’s Certificate of Research Excellence and the 2018 Great Places Awards.

EDRA49 Awards Banquet and Keynote Address

Friday, June 8, 6:00 pm – 8:30 pm
Ballroom C
Celebrate the environment and behavior professionals who have risen to the top in 2017-2018 as we present the EDRA Awards, including the Career and Achievement Awards, the Michael Brill Grant and the EDRA49 Best Paper and Poster Awards. One banquet ticket is included with a full conference registration. Additional tickets can be purchased at the registration desk for $75.

EDRA Members Meeting

Saturday, June 6, 12:00 pm – 12:45 pm
Ballroom C
Members and non-members alike are welcome to attend this meeting highlighting EDRA’s recent achievements, progress, and changes. Meet and ask questions of the EDRA Board of Directors and learn about ways to participate in EDRA to get the most out of your membership.
Social Equity by Design: Designing Connections Through Community

Social equality is a multifaceted concept that deals with the idea of “biological equality” of all human beings regardless of race or gender, and supports the United Nations Universal Declaration of Human Rights. “Social equity includes universal fulfillment of the most fundamental human needs along with broad access to meaningful work, while respecting the enormous range of life circumstances and personal goals which may drive people to seek different kinds of livelihood.”

How can designers work to ensure social equity? Keynote Speaker Vernice Miller-Travis shares her experience with us, and helps us understand how our focus on equity translates into specific policies and planning actions that can promote social, environmental, economic, spiritual, cultural, and physical equity in our communities.

Vernice Miller-Travis
Senior Advisor for Environmental Justice and Equitable Development, Skeo

Vernice Miller-Travis is nationally recognized as a Senior Facilitator in:
- Multi-stakeholder design and planning;
- Environmental justice;
- Brownfield redevelopment;
- Equitable development;
- Community revitalization;
- Collaborative problem solving at all scales.

She has also successfully facilitated meaningful and productive dialogues among federal agencies, state, tribal and local governments, industry and communities challenged with environmental justice concerns and burdened by historical divisions. Miller-Travis’s active leadership is best illustrated by her efforts to institute community advisory groups and facilitating public engagement in the Chavis Community Conversation, Freeport Forward, the Northern Birmingham Community Coalition and the Leadership in Environmental Action Pilots for the South Carolina Department of Health and Environmental Control.

Miller-Travis is also an educator, having led numerous training efforts on Collaborative Problem Solving, Building Cultural Competence, Social Equity, and Environmental Justice for government agencies and local community members. From 2010 to 2017, she has lead a coalition of civil rights and environmental justice advocates with the goal to develop a Civil Rights Enforcement toolkit, and reorganize the Office of Civil Rights at the United States Environmental Protection Agency.
Plenary Sessions

Plenary Session 1:
Thursday, June 7, 11:30 am – 12:00 pm
Economic Diversification: What It Means for Indian Country
Dan Boren

Plenary Session 2:
Thursday, June 7, 12:00 pm – 1:00 pm
Creating Social Equity with Affordable Housing and Economic Development
Cathy O’Connor, Gary Cox, Dan Straughan, Ronald E. Bradshaw, and Gina Sofola

Plenary Session 3:
Friday, June 8, 1:00 pm – 2:00 pm
Show Me the Green: Parks and Equitable Urban Development in Tulsa & OKC
Mick Cornett and George Bynum

Plenary Session 4:
Friday, June 8, 2:00 pm – 3:30 pm
The Language Of Social Action In Planning And Design
Henry Sanoff, Ph.D.; Nadezda Snigireva, Dmitry Smirnov; Evrim Demir Mishchenko, Ph.D.; Zeynep Toker, Ph.D.; Ombretta Romice, Ph.D.; Lourdes Marcela López Mares, Ph.D.; and Eva Brandt Ph.D.

Plenary Session 5:
Saturday, June 9, 10:45 am – 11:45 am
Native American Approach to Ensuring Social Equity in their Communities
Scott Moore y Medina, Summer Wesley, Kevin Kemper

Mobile Sessions

Saturday, June 9, from 1:30 pm – 5:00 pm

Automobile Alley and the Oklahoma City Memorial
Ron Frantz and Catherine Montgomery

Bruce Goff and the American School
David Boeck

Chickasaw/Native American Mobile Workshop
Sponsored by the Chickasaw Nation
Lona Barrick

Social Equity and Housing
Gina Sofola, Shannon Entz, and Georgia Rasco

Suburban Narratives
Reid Coffman and Richard McKown
Full Schedule

Wednesday, June 6, 2018

7:30 am – 5:00 pm
Registration Open
LV2 Prefunction East

8:00 am – 5:00 pm
Graduate Student Workshop
Ballroom A

8:00 am – 1:00 pm
Half Day Morning Intensives

Economic Development and Community Revitalization

Intensive Meeting Room 19
ReThinking Oklahoma City
Karim Ahmed
Emerging Design Tools: Data, Simulation and Virtual Design

Intensive Meeting Room 16
Data Equity: Tools and Strategies for Empowering Public Space Knowledge
Jennifer Gardner and Daniel Latorre

Intensive Meeting Room 18
Placemaking: Health as the Home
Redefining Health in the Home
Michelle Ossmann
Safety and Quality in Home Healthcare
Anjali Joseph
Housing Design and Policy

Intensive Meeting Room 17
Exploring Mixed Income Infill Housing Policy and Design
Michael Birkes, Jessica Shelton, April Merrill, and Jennifer Solars Miller

8:00 am – 5:30 pm
Full Day Intensives

Cross-Cultural Placemaking: Fostering Diversity through Community Design

Intensive Meeting Room 20
The Search for Authentic Equity in Housing
Honey, I Am Home
Leila Tolderlund
Meaning Matters More...
Bambi Yost
Noble Aspiration: Social Equity by Design
Robert Flanagan
The Good Shepherd
Joseph Juhasz
The Mask and the Mirror
Scott Sworts
The Role of Indigenous Authenticity in Achieving Social Equity
Lynn Paxson

Intensive Meeting Room 15
Social Equity By Design and Designing Towards Community Well-being: Case Study of Wisma Geylang Serai, Singapore
Seng Chan
Emerging Design Tools: Data, Simulation and Virtual Design

Intensive Meeting Room 14
Integrating Building Information Modeling with Virtual Reality for Learning Building System in Interior & Environmental Design Education
Haithem El-Hammali, Mohammad Suleiman, Johan Granberg, and Cherif Amor

Intensive Ballroom B
Adaptive Architecture and Building Performance Evaluation in the Context of Social Equity – A Tribute to Wolfgang F. E. Preiser
Academy of Architecture for Justice
Courthouse POE Toolkit
Erin Persky
Building Evaluation to Building Performance Evaluation and Beyond
Jacqueline Vischer
Can BIM (Multi-tasking Architectural Computer Programs) Help the Planning and Design of Mixed-Use Development of Train Station Buildings?
Akikazu Kato
Evaluating Workplace Constructs Using Space Syntax Techniques in Professional Practice
Linda Nubani
Feeding Knowledge Forward: Advancements in Post-Occupancy Evaluation Application through Collaboration
Lindsey Fay
From Delivery Process to Life Cycle Phases: Building Performance Evaluation of an Intelligent Campus Building
Ulrich Schramm
From Occupants’ Satisfaction to Health and Well-Being: Advances in Building Performance Evaluation and Assessment in the Context of High Performance LEED™ Buildings
Ihab Elzeyadi
Importance of Participating in the Construction of Architecture in Third-World Countries
Allison Magley
Pre-Renovation Study of a Residential Care Unit for Persons Living with Alzheimer’s and Related Dementia
Shauna Mallory-Hill
The Driving Force of Social Interaction within the Adaptive Reuse of Large Historic Buildings
Karin Liljegren
Wolfgang F.E. Preiser’s Habitability Paradigm: Theories in Study and Practice
Andrea Hardy
Full Schedule

Wednesday, June 6, 2018

Resilient Community Planning and Design

Intensive Ballroom D
Climate Change, Instability and Terrorism in Pakistan
Rizwan Azeem

Resilient Community Planning and Design

Intensive Ballroom E
Identifying Moral and Political Frames in Community Attitudes on Inequality and Inclusiveness: A Mixed-Methods Analysis
William Smith

1:30 pm – 5:30 pm
Half Day Afternoon Intensives

Intensive Meeting Room 17
Mobilizing Catalysts for Community in Residential Design
Assessing Sense of Community through Symbolic Interactionism Theory
Hanieh Haji Molana
Health Equity through the Design of Affordable Housing
Ali Momen Heravi

Intensive Meeting Room 18
Storied Objects: Older Adult Post-household Disbandment Residential Placemaking with Precious Possessions
Heather Carter

Intensive Meeting Room 19
Reverse Innovation: The University of Global Health Equity, Butaro, Rwanda
Emmanuel Kamanzi and Gerard Georges

5:30 pm – 8:00 pm
EDRA49 Welcome Reception

The Wednesday evening welcome reception is your chance to kick off EDRA49 with us. This is a great chance to network with other attendees and plan your conference schedule.

We are pleased to have a native drumming circle perform during the reception. The Society of Native American Gentlemen is a University of Oklahoma fraternity that supports Native American men at the university and sustains a strong cultural presence.

Join us from 5:30–8:00 pm in Ballroom C!
Full Schedule

Thursday, June 7, 2018

7:00 am – 5:00 pm
Registration
Book Display
LV2 Prefunction East

7:30 am – 8:30 am
Knowledge Networks
Meeting Room 3

8:30 am – 9:00 am
Poster Session
Coffee Break / Poster Session 1
LV2 Prefunction Center

9:00 am – 10:30 am
Concurrent Sessions 1
Cross-Cultural Placemaking: Fostering Diversity through Community Design

Individual Presentations Meeting Room 16
“Spatial Acupuncture” for Integrating the Nantou Old Town
Jieqiong Wang
Fostering Social Equity in Place: A Critical Evaluation and Deep Lessons of Place Attachment from Making Our Own Space – Making Our Own Stories (MOOS)
William Willoughby
Designing Accessible Environments

Individual Presentations Meeting Room 17
Housing Design Standards for the Aging in Place for People with Intellectual Disabilities
Yejie Yi
Making Accessible POE Study Protocols: Online Survey and Focus Group Study
Kyuho Ahn
Purdah Gardens in India
Amita Sinha
The Impacts of Food Accessibility on Consumers’ Food-Related Travel Behaviors: An Explorative Case Study on Johnson County, Kansas
Lingling Li

Designing Accessible Environments Meeting Room 18
Designing an Inclusive Community: Can It be Done through Contracts?
Jack McMahan
Economic Development and Community Revitalization

Individual Presentations Meeting Room 19
Case Study: Educational Options to Reform Structural Application in Design Studio
Marjorie Callahan
Consuming Heritage: Complexities in Balancing Heritage Conservation Concerns and Multiple Stakeholder Interests in the World Heritage Site of Galle Fort, Sri Lanka
Kapila Silva
Human-environment Transactions in Perceived Restorative Potential of Urban Green Space: An Immersive Virtual Environment Experiment
Payam Tabrizian

Study on Community Green Space Planning Based on “Ten-minute Healthy Life Circle”: A Case Study of Huayuan Road Street Community in Beijing
Yuhong Wang
Urban Acupuncture as a Strategy for Social Justice: The Case of Estonoeunsolar in Zaragoza, Spain
Carla Brisotto

Designing Accessible Environments Workshop Ballroom A
Innovative Learning Environments and Teacher Change
School Change: Case Studies and Tools to Achieve ‘the Buzz’
Raechel French
Learning Environments and Mind Frames for Deep(er) Learning
Wesley Imms

Symposium Ballroom E
Social Equality through the New Urban Agenda: Revisiting Habitat III
Communicative Cities as a Path to Social Equality
Gary Gumpert, Susan Drucker, and Peter Haratonik
The Future of Where We Work: Expanding the Framing of Costs and Benefits of ‘New Ways of Working’ to Include a Wider Range of Stakeholders II
Sheila Gobes Ryan

Workshop Ballroom A
The Future of Where We Work: Expanding the Framing of Costs and Benefits of ‘New Ways of Working’ to Include a Wider Range of Stakeholders II
Ardis Hanson
The Development of Sustainable Neighborhood Villages as a Tool for Supporting the UN Urban Agenda
Mike Murtha
The Smallest Scale: Considering the Microbiome and Healthy Cities
Richard Wener

Workshop Ballroom B
Economic Development and Community Revitalization

Individual Presentations Meeting Room 14
Benchmarking Critical Access Hospital: Research-based Design on Future Rural Hospitals
Hui Cai
Evaluating the Impact of Spatial Configuration on Dynamic Care Interactions in Ambulatory Surgical Environments
Anjali Joseph
Examining the Role of the Built Environment on Family Engagement in the Single Family Room NICU
Herminia Machry
Honoring the Voice, Understanding the Journey: Child and Parent Perceptions of the Ambulatory Surgical Experience
Deborah Wingler
Post Occupancy Evaluations of Pediatric Gardens in Healthcare Facilities: Opportunities and Barriers
Shan Jiang

EDRA49 Oklahoma City | June 6-9, 2018
Full Schedule

Thursday, June 7, 2018

Housing Design and Policy

Individual Presentations  Meeting Room 15
Are Resettlement Projects Successful in Eliminating Social Inequalities?: A Case from Istanbul
Alper Bodur

Assessment of Government Interventions to Promote Affordable Housing in Developing Countries: Case Study India
Ankita Baks

Loss of Control By the State of Delivery of Affordable Low-Income Housing and Services in Nairobi
Crispino Ochieng

Using the Analysis of Patterns to Find Future Expectations: TOKI Social Houses in Pendik
Alper Bodur

Resilient Community Planning and Design

Individual Presentations  Ballroom B

DIY Risk Mitigation: The Batture Effect
Carey Clouse

Exploring a Framework for Safe and Resilient Neighborhoods Against Earthquake, Case Study: Historic Neighborhoods of Tehran
Azadeh Lak

The Role of The Built Environment to Prevent, Rehabilitate, and Accommodate People with Mental Health Conditions: Interdisciplinary Perspectives
Dak Kopec

The Transition of Landscape Urbanism from Theory to Practice, a Basis for Social Presence and Viability
Maryam Dabiri

Transition Interior Design Patterns: An Analysis of Alexander’s “A Pattern Language” as a Tool for Sustainable Interior Design
Robert Walsh

Urban Forest Assessment, Green Infrastructure and Sustainable Community in Arizona
Gunwook Kim

9:00 am – 10:30 am
EDRA Shorts

EDRA Shorts 1  Meeting Room 20

Cross-Cultural Placemaking: Fostering Diversity through Community Design

Is This Park for Us? The Roosevelt Plaza Park Experiment
Joseph Sikora

Play Street: A Placemaking Strategy to Create Spaces for Children in the City
Yiwei Huang

Economic Development and Community Revitalization

ReThinking Transit
Karim Ahmed

The Impact of Social Equity on Community Development
Joongsub Kim

Education Design and Policy

Getting It Together: Introducing Collaboration Skills to Design Students
Roberto Ventura

Using Clarifai for Image Analysis of the Naturalness of Social Environments on the University of California, Irvine Campus
Miryha Runerstrom

Healthcare

Measuring the Impacts of Children Accompanying Patients on Quality of Healthcare Transaction at Non-pediatric Healthcare Settings
Jingfen Guo

The Role of Environmental Design in Cancer Prevention, Diagnosis, Treatment, and Survivorship: A Systematic Literature Review
Arsalan Gharaveis

11:00 am – 11:30 am
Lunch and Opening Session

11:30 am – 12:00 pm

Economic Diversification: What It Means for Indian Country
Dan Boren

Plenary Session  Ballroom C

12:00 pm – 1:00 pm

Creating Social Equity with Affordable Housing and Economic Development
Cathy O'Connore, Gary Cox, Dan Straughan, Ronald Bradshaw, and Gina Soffola

Plenary Session  Ballroom C

1:00 pm – 2:00 pm

Great Places Awards and CORE Recognition Ceremony

Ballroom C

2:00 pm – 2:30 pm
Poster Session

Coffee Break / Poster Session 1
LV2 Prefunction Center

Join us to recognize the 2018 Great Places Award winners and EDRA CORE recipients

Thursday, June 7, 1:00 pm – 2:00 pm

Ballroom C
Thursday, June 7, 2018

2:30 pm – 4:00 pm
Concurrent Sessions 2

2018 CORE Recipient Presentations
Meeting Room 3

Education Design and Policy

Individual Presentations
Meeting Room 17

Hallway 1C: A Third Place or a Design Flaw?
Elke Altenburger

Mapping Violence in Schools: Public School Student’s Perceptions of Safety on Spatial Attributes in School Environments
Jin Gyu Park

Symbiosis Between Evidence Based Design and Creativity: Compliance with Accreditation Standards
Cherif Amor

Environmental Response to Learning Environments: How Teachers’ Environmental Dispositions Affect their Classroom Design Preferences
Ece Altinbasak Haklidir

Communicating Sustainability in the Green Science Museum
Georgia Lindsay

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Education Design and Policy

Individual Presentations
Meeting Room 18

Design and Education: Do Classroom Arrangement and Classroom Design Preference Affect Teachers’ Motivational Strategies?
Ece Altinbasak Haklidir

Education, Technology, and Design: Do Today’s Classrooms Respond to Teachers’ Use of Technology in Instruction?
Ece Altinbasak Haklidir

Consideration on Educational Environment of the BIM Using PBL in the Department of Architecture at Mie University
Akikazu Kato

Designing a Studio Project to Foster Social and Environmental Awareness
Jennifer Barker

Utilizing the Built Environment as a Health Strategy to Prevent Childhood Obesity
Kristi Gaines

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Education Design and Policy

Symposium
Meeting Room 14

Investigating the Systemic Performance of Participatory Action Research Processes on Community

Garden Diplomacy: Evaluating the Role of PAR in Saving the International Garden of Many Colors in Sacramento, California
David de la Pena

Investigating the Systemic Performance of Participatory Action Research Processes on Community
Deni Ruggeri

Charting and Evaluating Change
Paula Horrigan

Creating a Bridge between Higher Education and Local Communities: Detroit Teaching and Learning the City Case Study
Claudia Bernasconi

Evaluating a Storytelling-based Approach to Community Redevelopment
Deni Ruggeri

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Emerging Design Tools: Data, Simulation and Virtual Design

Symposium
Meeting Room 1

Problem Solving in Multidisciplinary Teams through Digital Media

Creative Problem Solving Skills of Individuals in Multidisciplinary Teams
Aditya Jayadas

Digital Literacy through Working in Multidisciplinary Teams
Cinthya Ippoliti

Game Theory Approaches to Design Decisions in Multidisciplinary Groups
Tilanka Chandrasekera

Group Dynamics in Multidisciplinary Groups
Tutaleni Asino

Hackathon as a Mechanism to Enhance Interior Design Student Perception of Their Education
Alana Pulay

Serendipitous Moments in Problem Solving within Multidisciplinary Teams
Luis Mejia Puig

Student Interaction with Different Digital Media throughout the Design Process in Multidisciplinary Teams
Yongwei Shan

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Healthcare

Individual Presentations
Meeting Room 16

Suining Ding

Rethinking Functionality of Corridors in a Healthcare Setting to Support Patient-Care and Enhance Patient, Family, and Staff Health Outcomes: A Systematic Review of Literature
Rutali Joshi

The Impact of Supportive Design Focusing on Healing ART in Children’s Healthcare Facilities
Eri Noto

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Individual Presentations
Meeting Room 19

Data Modeling for Interoperable Smart Environments
Hugo Sheward

Engaging End-users in Architectural Design Decision-making: A Comparison of Four Design Communication Media
Deborah Wingler

Measuring Urban Health and Environmental Affect Using Mobile Sensors
Brent Chamberlain

Study on Block Space Form Design Strategy Research Based on Optimization of Natural Ventilation: A Case Study for Beijing CBD Block
Yi Yang

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Emerging Design Tools: Data, Simulation and Virtual Design

Workshop
Meeting Room 2

Storyboarding Workshop: A Design Ideation Tool to Explore the User Experience
Jane Nichols

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Intensive  Individual Presentation  Symposium  Workshop  EDRA Short
Thursday, June 7, 2018

Using Functional Scenario Analysis Method for Designing and Evaluating Exam Rooms
Zorana Matic

Post-Occupancy Evaluation: Terminological Explorations
Lubomir Popov

The Unanticipated Benefits of a Longitudinal Program of Sustainability Research: The University of Michigan Experience
Robert Marans

User Satisfaction and Preferences with a Combi-open Office: A Multi-method Case Study
Zahra Zamani

A Framework For Assessment of Spatial Justice in Regional Planning: A Case Study of Fars Province, Iran
Babak Soleimani

Community Health in Urban Design for Healthy and Equitable Places: Introduces Social Determinants of Health as Framework for Expanding Work in Resource Poor Communities, Demonstrated through a Case Study for Healthy & Equitable TOD
Michael Pride

What Students Want: A Study on Students' Perception of Environmental Settings that Influence Collaboration and Creativity in Informal Learning Environments
Yuliya Lapatkova

[Re]connecting the Creative Community Corridor: A Community Design Intervention to Foster Diversity along Georgia Avenue, Washington, D.C.
Farhana Ferdous

Evaluating Control Center Buildings Indoor Environmental Quality in Order to Increase Overall Workplace Satisfaction
Fatemeh Hashemi

What Students Want: A Study on Students’ Perception of Environmental Settings that Influence Collaboration and Creativity in Informal Learning Environments
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Fatemeh Hashemi

Environmental Design of the Playground for Children with Visual Impaired Spectrum Disorder for Improving Their Physical Activities
Mohammad Reza Masnavi

Genealogy of Chinoiserie Architecture in USA
Bo Zhang

Photographic Content Analysis Study: Process Development for Studying Terrapin Bright Green’s Biophilic Patterns in a Memorial Setting for Future Constructed Environments
Natalie Ellis

Emerging Design Tools: Data, Simulation and Virtual Design
Jonathan Ericson

Investigation of Human-Motion-Capture Application in Architectural Form Generations Process
Elham Soltani Dehnavi

New Connections of Thinking Through the Perception of Space
Kat Keller

Passenger Experience Evolution: Anticipating Innovation’s Impact to Airport Terminal Planning and Design
Scott Gorenc

The Just Street: An Augmented Reality Tool to Empower Disadvantaged Communities in Designing More Walkable Streets
Saeed Ahmadi Olooonabadi

Saying Yes: Improv, Collaboration, and the Design Process
Roberto Ventura

Other – (Open-ended)
Thursday, June 7, 2018

4:00 pm – 4:30 pm
Poster Session 1
Coffee Break / Poster Session 1
LV2 Prefunction Center

4:30 pm – 6:00 pm
Concurrent Sessions 3
Cross-Cultural Placemaking: Fostering Diversity through Community Design

Individual Presentations Ballroom A
A Tale of Two Equities
Scott Sworts
Design Education as Placemakers
Johan Granberg
Learning to Read the Urban Space, A Research Workshop in the City Center of Juiz de Fora, Brazil
Helena Teräväinen
Designing Accessible Environments

Individual Presentations Ballroom E
A Tactile Approach to Designing Universal Kitchen Work Zones
Mary Golden
Hidden Desires: Accessible Garden Design Charette Reveals the Unexpected
Jennifer Webb
Integrating Evidence-Based Design: A Day Program Center for Autistic Adults
Kyuho Ahn
Older Adults’ Perceptions on Accessibility in the Building Environment in a Senior Cohousing Community
Gabriela Pereira
The City and Its Disparity Lahore City: Its Growth and Environmental Inequity in the Distribution of Public Spaces
Hafsa Imtiaz
Visually Impaired and the City: The Alternate Language of Accessibility: Understanding Legibility of the Visually Impaired Users of Lahore City
Mehreen Mustafa

Individual Presentations Meeting Room 16
Economic Development and Community Revitalization
Accelerated Urban Evolution: The Pattern / POE Cycle and the Transformation of the South Shore of False Creek in Vancouver, British Columbia
Robert Walsh
Architecture of Empowerment: The Sherman Phoenix Project
Amin Mojtabadi
Bringing Life Back to the Streets through Landscape Designs Case Studies at Suzhou Industrial Park
Miao He
La Ville Verte: A Model Sustainable Community for Gressier Haiti
Robert Holton
Preservation and Interior Design Education: Working Together for Community Revitalization
Valerie Settles

Individual Presentations Meeting Room 19
Healthcare
Demystifying Patient Data: The Importance and Use of Hospital Medical Records to Explore the Impact of the Built Environment
Beyond HCAHPS: Importance of Patient Data in Healthcare Built Environment Research
Susan Puumala
Process of Requesting and Acquiring Patient Data
Francescà Jimenez
Analysis of Patient Length of Stay: Methods and Results
Renae Rich

Individual Presentations Meeting Room 17
Housing Design and Policy
Adoption of Green Housing Features as Pro-environmental Behavior: Exploring Altruistic, Biospheric, and Egoistic Motivations of Homeowners
Marina Muraroli
Study on Townscape of the Old Castle Town of Hakomoto Jusancho in Yamatokoriyama
Shohei Kawatsu
The Role of Socio-demographic Characteristics of Apartment Dwellers in Determining Residential Satisfaction: A Case for Dhaka, Bangladesh
Mozammel Mridha
The Tiny Home: Home Ownership in an Era of Physical Mobility and Financial Insecurity
Lauren Brown
Jacqueline Carmichael

Individual Presentations Meeting Room 15
Other – (Open-ended)
Designing Outdoor and Indoor Navigation System for Large Scale Settings: A Geofunctionalist Approach
Hally ElKony

EDRA49 Oklahoma City | June 6-9, 2018
Full Schedule

Thursday, June 7, 2018

Segregation by Design: Conversations and Calls for Action from St. Louis
Catalina Freixas

Study on Regeneration of Urban Brownfield: The Systematic Transformation of Urban Brownfield into Green Infrastructure
Dan Wang

Behavior Mapping the Backyard Learning Environment: Examining Affordances for Outdoor Play and Learning at the Santa Barbara Museum of Natural History
Adina Cox

Exploring Spatial Equity: Can Design Solve Inequity?
Inequity
Cristina Cassandra Murphy

Academic and On-site Applications: How Can Design Help Solving Inequity and Rebalance Our Towns?
Fernando Rubio

Mixed Methods on Mapping Inequity
Juan Molina

A Tale of Two Cities: Green Network as a Frame for Social Equity, Environmental Stewardship and Economic Revitalization
Archana Sharma

Individual Presentations Ballroom B

Appropriateness of Post-disaster Temporary Housing: Preliminary Ideas Based on an Emic Approach to the Tohoku 2011 Disasters
Shunsuke Itoh

Assessing Sense of Community through Symbolic Interactionism Theory
Hanieh Haji Molana

Large-scale Planning and Strategic Workplace Location in Metropolitan Area: The Functional and Social Efficiency of a Centralization for More than 10,000 Workers in Montreal, Quebec, Canada
Sébastien Lord

Making Sense of Design and Worship in a Transformational Sacred Space: A Study of the Christ Cathedral in Garden Grove, California
Sarah Angne Alfaro

Social (In)equity and Social Capital: A Case Study of Social Relationships among Marginalized Urban Farmers in Delhi, India
Jessica Cook

4:30 pm – 6:00 pm

EDRA Shorts Meeting Room 20

Social Well-being: Building Social Capacities through Sustainable and Affordable Housing in Jordan
Genell Ebbini

South Peoria Neighborhood Connection Foundation: Addressing the Planning Techniques that Lead to Residential Blight
Lanny Endicott

6:00 pm – 6:30 pm

Poster Session

Coffee Break / Poster Session 1 LV2 Prefunction Center

6:30 pm

Dinner on Your Own — Explore OKC!
Full Schedule

Friday, June 8, 2018

7:00 am – 5:00 pm
Registration
Book Display
LV2 Prefunction East

7:30 am – 8:30 pm
Knowledge Networks
Meeting Room 3

8:30 am – 9:00 am
Poster Session
Coffee Break / Poster Session 2
LV2 Prefunction Center

9:00 am – 10:30 am
Concurrent Sessions 4
Cross-Cultural Placemaking: Fostering Diversity through Community Design

Individual Presentations Ballroom A
Designing for Focus Work
Gabor Nagy

Exhibiting Culture in the Care Environment: Comparing Retirement Communities in the United States and China
Pai Liu

Open Space for Social and Environmental Justice: Sustainability, Diversity, and University–Community Partnerships
Lara Furtado

Playground Design Phenotypes through History: A Comparative Study
Sahand Abbasi

The Racial Production of the Built Environment
B.D. Wortham-Galvin

The Spatialization of Identity: Using Place Identity as a Tool to Promote Inclusive Societies
Karen Steinmayer

Creating Social Equity through Environmental Affordances in Skilled Care Settings
Migette Kaup

Design Research and Autism Environments: Sensory Frontiers in Assistive Technologies
Diana Nicholas

Important Environmental Factors in Institution-based Elderly Care: Cross-country Comparison of American and Chinese Perceptions
Zhe Wang

Improving Access to Community-based Healthcare Through Universal Design Using Human-centered Design Methods of Inquiry
Lesia Lorusso

Making Access to Nature Equitable: A Design for an Accessible Nature Play and Learning Area in Scissortail Park, Oklahoma City, OK
Sarah Little

Economic Development and Community Revitalization

Individual Presentations Ballroom D
Aliaa Elabed

Building Sense of Belonging in Norman City’s Residents through Chautauqua Historic District Development
Petra Stefanoff

Case Study of a Downtown District
Janna Lancaster

Engaging a Community Built Collaboration to Transform an Underutilized Community Garden in a Food Desert into a Food Oasis
Pamela Harwood

Placemaking in the Built Environment: A Multi-case Study of Sense of Place and Landscape Character
Jessica Fernandez

Accuspace: A Prototype of Occupant Space-Use Monitoring Tool for Workplace Studies
Yaoyi Zhou

Atmosphere InFormed: Design Awareness of Small-scale Differences of Atmosphere in Architecture and Urban Design
Philip Speranza

Makerspaces for Process Development: Strategies for Successful Integration of Digital Fabrication into Design Education
Marco Ransdell

Measuring the Effects of Virtual Urbanity and Greenspaces: An Analysis of Physiological Responses and Affect
Emily Grant

Urban River Landscape Planning Based on Water Environment Assessment: Case Study of Panlong River
Jiaju Liu

Education Design and Policy

Individual Presentations Meeting Room 16
Exploring the Implementation and Outcomes of Doctorate Programs in Design in the U.S.
Jinoh Park

Learning about Diversity and Global Communities: Lessons from a Collaborative Design Studio
Elif Tural

Primary Generators: The Influence of Parametric Design in the Creative Design Process
Luis Mejia Puig

The Influence of Classroom Lighting on Student Behavior and Academic Success
Alana Pulay

Emerging Design Tools: Data, Simulation and Virtual Design

Individual Presentations Meeting Room 17
Designing Accessible Environments

Analysing Spatial Behaviour of the Elderly through Cognitive Maps: Comparison of Maltepe and Etiller Elderly Care Institutions
Esra Akan

EDRA49 Oklahoma City | June 6-9, 2018
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Friday, June 8, 2018

Individual Presentations  Meeting Room 18
Acoustical Properties of a Speech-Language Clinic to Improve Speech-Intelligibility
Kristi Gaines

Eliciting Indigenous Preferences for Healthcare Design Using Architectural Images
Timothy O'Rourke

Patterns of Door Openings in Operating Rooms
Roxana Jafarifroozabadi

Searching for Synergy: How Research Can Enhance and Inform Design When Research Meets Design in Practice
Suining Ding

Towards a Human-Centered Design for Mental and Behavioral Health Settings: A Case Study of Fountain House in Manhattan, NY
Kimia Erfani

Healthcare

Symposium  Meeting Room 2
Strategies for Achieving a "Designed" Population Management Approach
Douglas King

Research Opportunities for Validating A "Designed" Population Management Approach
Jingten Guo

Other - (Open-ended)

Workshop  Ballroom E
Editors’ Voices: Journal Editors’ Roundtable Workshop
Ann Devlin

Other - (Open-ended)

Individual Presentations  Meeting Room 14
Community-health Partnerships Informed by GIS: Identifying Health and Social Inequity through Place-based Mapping
Jessica Cook

Healthy Workplace Outdoor Environment: NCSU Talley Student Center
Jingjing Liu

Nature is a Woman, God is a Man: Women Furthering Sustainability or Wedged Inside a Stereotype?
Anna Papadopoulou

The Effects of Campus Quads’ Spatial Configuration and Environmental Features on Students’ Static Activities Focusing on Gender Differences
Bushra Obeidat

The Two Cultures of Design: Notes from the Field
A. Sameh El Kharbawy

Visualizing Sustainability through Photo-elicitation
Amanda Gale

Housing Design and Policy

Individual Presentations  Meeting Room 19
Correlation Analysis Between Domestic Environments and Independence of People with Intellectual Disabilities and Their Desire to Age in Place
Yeji Yi

Designing "Community Learning Center" in a Student-Residence Hall
Sharmin Kader

Exploring the Relationship Between Perceptions of Residential Environment Features and Individual’s Place Identity
Ozlem Demir

Incorporation of Indoor Air Quality in Housing Policies: A Content Analysis of State Level Housing Criteria
Arezou Sadoughi

Other - (Open-ended)

Individual Presentations  Meeting Room 15
Conceptualizing the Applicability of Augmented Reality as a Participatory Tool in Determining Environmental Features Associated with Walkability in Marginalized Communities
Saeed Ahmadi Oloonabadi

Establishing Social Equity without Eminent Domain: An Agreement Matrix Approach for Resolving Multiple Holdouts During Public Land Assembly Negotiations
William Ridley

Resilient Community Planning and Design

Symposium  Meeting Room 20
Museums, Identity, and Citizenship
Karen Franck

Sustainable Museum | Architecture of Citizenship
Dan Gottlieb

Building Citizens by Building Museums: An Examination of the Role of Museum Architecture in Establishing Notions of Civic Identity
Matt Patterson

Other - (Open-ended)

10:30 am – 11:00 am

Poster Session
Coffee Break / Poster Session 2
LV2 Prefunction Center
Friday, June 8, 2018

11:00 am – 12:30 pm
Concurrent Sessions 5

Cross-Cultural Placemaking: Fostering Diversity through Community Design

Individual Presentations Ballroom D
A Strategic Engagement: Examining Participatory Learning Pedagogy through the Lens of Multi-generational Community-based Partnerships
Stephanie Sickler
Design through Cultural Immersion/Connections with the Choctaw Nation
Fred Schmidt
Inspiring Community: Engaged Design for Social Change
Jennifer Barker
Interdisciplinary Collaboration for Cross-cultural Placemaking
M. Naomi Darling
Social Equity By Design and Designing Towards Community Well-being: Case Study of Wisma Geylang Serai, Singapore
Seng Chan
Translocal Placemaking in the Asian Indian Diaspora and Ethnic Enclave
Junyoung Myung

Designing Accessible Environments

Individual Presentations Meeting Room 17
Green Infrastructure Impacts on the Neuroanatomy of Attention Restoration Measured by fMRI
Xiangrong Jiang
How Visibility May Influence Security Risk in Community Hospitals' Emergency Departments
Arsalan Gharaveis
Positive Health Outcomes by Environmental Design: The Role of Spatial Configuration in Designing Physical Environments for People Experiencing Dementia
Farhana Ferdous
Remodeling the American Suburb, Obesity, Parklets and Social Media
Michael O'Brien
Sensory Gardens for Social Equity: Creating Therapeutic Gardens for Juvenile Justice
Anne Spafford
The Needs of Nurses for Daylighting and View Outside in Inpatient Facilities: A Mixed-methods Study
Arsalan Gharaveis

Housing Design and Policy

Individual Presentations Meeting Room 18
Design and Assistive Technologies for Active Living at Home: A Survey of Community-Dwelling Older Adults
Elif Tural
Deciphering Health Dialogues between Design, Public Health and Real Estate Fields: Real Estate Action in Community Health (REACH)
Traci Rider
Health Design Research and Housing Insecurity: Design, Dignity, and Community
Diana Nicholas
Recent Developments in Zoning Regulations for Tiny Houses
Kathryn Terzano
User Perceptions of Essential Home Modifications Which Make Aging in Place a Reality
Denise Wilder

Social Score: Guidelines for Promoting Social Connection Within Gated Rental Communities in Orange County
Jennifer Ierymenko

Participatory Design Strategies

Individual Presentations Meeting Room 14
The Role of Natural Landscape Conservation in Historic Urban Landscape Conservation
Junheng Lai
User-centered Participatory Design for Community-based Healthcare Environment: A Pilot Study in Suzhou Industry Park, China
Qichao Ban
Using Simulation-based Mock-up Evaluations to Proactively Engage Clinicians During Healthcare Facility Design and Renovation Projects
Sara Bayramzadeh
An Operational Definition of Built Heritage Conservation Equity
Jeremy Wells
Getting to Action through a Community Design Education Program
Maren King
After the Living Lab: Codesigning and Sustaining Infrastructures for Care and Belonging
Eva Brandt

Participatory Design Strategies

Individual Presentations Meeting Room 20
Design + Partnership: Accelerating Equity, Diversity and Inclusion Related Changemaking on a University Campus
Virajita Singh
Participatory Design as a Tool for User Experience Assessment and Spatial Programming: Evidence from a Student Activity Center
Bailey Herbstreit
Participatory Design, Academia and Community Participation Models in Mexico
Lourdes Lopez
Race and Social Equity in Seattle's Design Review
Sarah Burk
Full Schedule

Friday, June 8, 2018

2:00 pm – 3:30 pm
The Language Of Social Action In Planning And Design
Henry Sanoff, Nadezda Snigireva, Dmitry Smirnov, Evrim Mishchenko, Zeynep Toker, Ombretta Romice, Lourdes Marcela López Mares, and Eva Brandt

Plenary Session Ballroom C

3:30 pm – 4:00 pm
Poster Session
Coffee Break / Poster Session2
LV2 Prefunction Center

4:00 pm – 5:30 pm
Concurrent Sessions 6

Education Design and Policy

Individual Presentations Ballroom D

Social Equity for Children: Teaching Responsible Design through a Common Reading Program
Elizabeth Tofte

Towards Integrated School Facilities: Characteristics of Community Funding in Rural Community Schools of Nepal
Shital Acharya

Mixed-use Learning Environments for Millennials in Higher Education Settings
Margaret Portillo

The Effects of Physical Environment on Students’ Perception of Safety in University Campuses
Negin Froughisaed

Exploring the Adaptability of Design for Sustainable Behavior into Interior Design Education
Danya Hakky

12:30 pm – 1:00 pm
Lunch Ballroom C

1:00 pm – 2:00 pm
Show Me the Green: Parks and Equitable Urban Development in Tulsa & OKC
Mick Cornett and George Bynum

Plenary Session Ballroom C

2:00 pm – 3:30 pm
Resilience in Social Housing: Analysis through Coproduction
Paula Vasconcellos

Symposium Ballroom A
Between the Smart City and the Participatory City: When Technology Meet Public Health and Community
The Transformative Nature of Landscape Architecture Education: Training the Future Participatory Landscape Scientists
Deni Ruggeri

Beyond Smart Cities: Technology > Public Space > Public Health > Social Equity
Brian Jencek and Blaine Merker

Participatory Design Strategies Meeting Room 19
Participatory Design and Post-Occupancy Evaluation Strategies
Aligning POEs with Client Goals
Greg Barker

Aligning Client Goals with Design Strategies
Natalie Ellis

A Post-Occupancy Evaluation Tool for College Student Living-Learning Residence Hall
Sharmin Kader

Resilient Community Planning and Design

Individual Presentations Meeting Room 15
Betty Swing’s Fountain: Spirituality, Preservation and Everyday Spaces
Cunningham Erin

Chocolate City to Chocolate Chip: African American Housing in Washington, D.C.: Designing Social Equity to Build Community
Jacqueline Carmichael

Outdoor Thermal Comfort: Exploring the Impact of Perceptual Factors in the Perception of Heat
Mohsen Garshasby

Place Attachment and Its Role in Hurricane Relief
Tonya Miller

Prioritizing Green Infrastructure to Address Urban Flooding for Social Equity in Phoenix, Arizona
Joomee Lee

Education Design and Policy

Individual Presentations Ballroom E

Blending Educational Goals with Community Resiliency
Fred Schmidt

Challenges for Universities of the Future and How to Use Them for Developing a Brand
Christine Kohlert

Plenary Session Ballroom C

2:00 pm – 3:30 pm
Creating Sustainable Cities for an Aging Population
Centers for Healthy Living: How a New Building Typology is Supporting Seniors
Emily Chmielewski

Sustainability and Health Challenges of the Poor and Elderly in Heatwave Susceptible Cities
Jennifer Senick

Convergence: Laying the Groundwork for Repurposing Vacant Urban Malls into Dementia Friendly City Centers
Emily Roberts

Resilient Community Planning and Design

Symposium Ballroom B

Designing Public Spaces for Young People: Processes, Practices and Policies for Youth Inclusion – Part One
Youth Mobility in the Public Realm
Adina Cox

Why Is It So Important to Make Children and Youth-friendly Streets?
Juan Torres

Reimagining Youth Usage of Public Space in the Age of Merging Real and Virtual Worlds
Zahedus Sadat

Making Access to Nature Equitable: Extending Therapeutic Activities into the Public Space
Sarah Little

Resilient Community Planning and Design

Symposium Meeting Room 16
Friday, June 8, 2018

Stitching Cognition: An Investigation of Learning Environments, Cognition and Technology
Amy Frisz-Conlon

Emerging Design Tools: Data, Simulation and Virtual Design

Individual Presentations Meeting Room 16

Street Walkability
Saleheh Bokharaei

Using Immersive Data Visualization to Design a Responsive Surface for Educational Work Environments
Matt Wagner

Healthcare

Individual Presentations Meeting Room 17

Daily Interactions of Individuals Living in a Residential Care Facility: A Case Study of Two Residential Care Facilities in Rural Midwest North America
Renee Christensen

New Urbanism and Healthcare Design: Integration of Healthcare Planning in Urban Environments
Margarita Gochberg

Proposing an Empirical Dynamic Circadian Lighting Schedule for Patient Rooms
Elizabeth Cooper

Spatializing Communication Ties Among Team Members in Healthcare Environments
Bushra Obeidat

The Impact of Fluorescent and LED Lighting on Student Attitudes and Behavior in the Classroom
Brenda Morrow

The Impact of Labor Room Environment Features on Breastfeeding Initiation Time in Women
Iryna Yefimchuk and Dr. Shireen Kankai

Individual Presentations Meeting Room 18

Corporate Coworking as Innovation Driver: An Explorative Study
Gabor Nagy

Mapping Data to Understand How the Beltline Reshapes Atlanta Neighborhoods
Zorana Matic

A Study about the Factors Affecting Individual’s Willingness to Adopt Green Infrastructure Tools in Private Residential Environments
Burcin Dogmusoz

An Experimental Green Roof Design to Assess the Impact of Substrate Type, Substrate Depth, and Micrometeorological Conditions on Vegetative Coverage and Species Survival
Allyssa Decker

Sustainable Persuasive Technology
Casey Franklin

The Building is Green, So Do I Have to Be? Affordances of Environmentally Responsible Behaviors in Green Residence Halls
Erin Hamilton

Other – (Open-ended)

Industry Presentations Meeting Room 19

Empathic Design for Autism
Jennifer Barker

Industrial Architecture: Enhancing Architectural Design Education, Theory and Practice
Marjorie Callahan

Neighborhood Social Ties and Outdoor Air Quality: Effects of Ambient Stressors on the Mechanisms of “Sense of Community” in Planned Neighborhoods
Keith Miller

Social Equity By Design
Debarati Majumdar Narayan

National Assembly Building at Dhaka, Bangladesh: A Thoughtful Essay on Building in the Delta
M M Lekhon Alam

Social Equity of Hospitality Design for the Millennial Traveler
Eri Colwell

Other – (Open-ended)

Symposium Ballroom A

Achievements of Evidence Based Design (EBD) Research in Japan
Revealing the Relation of Primary School Teachers’ Assessments and Building Floor Plans
Tatsuya Kishimoto

EBD Approach in Workplace Making for Japanese Local Government Office
Akikazu Kato

Users’ Evaluations on Public Cultural Facilities Converted to Evacuation Shelters in the Great East Japan Earthquake
Takayuki Kumazawa

Study of Information Acquisition Methods Used by Visitors in Nara Park
Takashi Yamada

EBD Approach in Healthcare Facility for Children in Japan
Eri Noto

Resilient Community Planning and Design

Symposium Ballroom B

Designing Public Spaces for Young People: Processes, Practices and Policies for Youth Inclusion – Part Two
‘Green Direction’: Integrating Youth into the Design and Building of Public Outdoor Playspaces
Janet Loebach

The Inspire Initiative: Connecting Children to Nature in Colorado
Rebecca Colbert

The Rocky Hill Trail: A Path of Transformation
Patsy Owens

Other – (Open-ended)

5:30 pm – 6:00 pm
Poster Session
Reception / Poster Session 2
LV2 Prefunction Center

6:00 pm – 8:30 pm
EDRA Awards Banquet & Keynote Address by Vernice Miller-Travis
Keynote Session Ballroom C
# Full Schedule

**Saturday, June 9, 2018**

## 7:00 am – 10:00 am

**Registration**

LV2 Prefunction East

## 7:30 am – 8:30 pm

**Knowledge Network Chairs Meeting**

Meeting Room 3

## 9:00 am – 10:30 am

### Concurrent Sessions 7

**Designing Accessible Environments:**

<table>
<thead>
<tr>
<th>Individual Presentations</th>
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<tbody>
<tr>
<td>A Community Approach to Care Education: Empowering Rural Communities to Engage in Exceptional Care of Rural Elders</td>
<td>Emily Roberts</td>
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<td>An Evaluation of Accessibility in Academic Buildings at Qatar University</td>
<td>Lizmol Mathew</td>
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<td>Challenge: Designing the School Environment to Support Children with Autism Spectrum Disorder</td>
<td>Julie Irish</td>
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<td>A Fear-free Learning Environment without the Risk of Crime and Threat</td>
<td>Akm Islam</td>
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<td>Beyond the Major: Assessing and Developing Transferrable Critical Thinking Skills</td>
<td>Marlo Ransdell</td>
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<td>Students' Assessment of Classroom Furniture and Collaborative Technology Use</td>
<td>Alana Pulay</td>
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**Emerging Design Tools: Data, Simulation and Virtual Design:**

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<td>Accessible Immersion: Downgrading Technology for Community Engagement</td>
<td>Marc Miller</td>
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<td>Identifying Superior Connections: Using Hyper-Local Data Aggregation Tools for Sense of Place Assessment in Duluth, MN</td>
<td>Yang Song</td>
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<td>Measuring the Impact of Physical Characteristics of Place on Motor Vehicle Thefts</td>
<td>Linda Nubani</td>
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<td>The Development of a Play-Type Scale for Capturing Children's Outdoor Play Behaviors</td>
<td>Adina Cox</td>
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<td>Urban Environment Simulation and Design Decision Based on Digital Technology</td>
<td>Zhongzhong Zeng</td>
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### Other (Open-ended)

**Individual Presentations**

**Meeting Room 16**

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<td>A Redefined Cyclical Design Process for Healthcare Architecture: Research-informed Design and Research-confirmed Design</td>
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<td>Optimizing Children’s Attention Restoration Experience Through Nature-Based Design</td>
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<td>Julie Stevens</td>
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<td>Emerging Methods for Facility Programming Information Collection: Rapid Ethnography</td>
<td>Lubomir Popov</td>
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<td>Full-Time Teleworkers Informal Communication Practices</td>
<td>Sheila Gobes Ryan</td>
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<td>Social Equity and Sustainable Architecture: An Investigation of Sustainable Design, Its Tools and Its Convictions</td>
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Full Schedule

Saturday, June 9, 2018

Resilient Community Planning and Design

Individual Presentations Meeting Room 18
Finding a Sense of Well-being in Heritage Conservation
Julie Lawless
‘There is No One Else to Play With’: Examining Barriers and Facilitators to Outdoor Play in Middle Childhood
Janet Loebach
Implication of Green Infrastructure for Improvement of Communities Social Resilience
Mohammad Reza Masnavi
Sustainability Check via Insight into the Culture Oriented Architectural Design: Study of Indian Housing Prototypes amid Smart City Mission
Anoop Sharma
Climate Justice by Design: Perceived and Actual Institutional Capacity in Green Infrastructure for Climate Change Adaptation
Chingwen Cheng
The Green to Gold Mile: Residential Landscapes in Sacramento California After the Drought
Sheryl-Ann Simpson

Resilient Community Planning and Design

Individual Presentations Meeting Room 19
Designing for Need Satisfaction: How Tomorrow’s Workers Define and Envision Workplaces that Promote Equity and Well-Being
Caitlin DeClercq
Bo Zhang
Examining the Effects of Crime Prevention Through Environmental Design (CPTED) on Traditional Neighborhoods
Mahsa Ahmadi
Initiating Innovation in Sustainable Wood Design through Interdisciplinary Collaboration
Kimberley Furlong

Measuring Spatial Resilience in Urban Planning and Design: A Theoretical Framework
Mohammad Reza Masnavi
Providing Environments Favorable to Active Aging: The Challenge of Medium-Sized Cities
Sébastien Lord

9:00 am – 10:30 am
EDRA Virtual Shorts

10:45 am – 11:45 am
Saturday Plenary Session: Native American Approach to Ensuring Social Equity in their Communities
Scott Moore y Medina, Summer Wesley, and Kevin Kemper

12:00 pm – 12:45 pm
Member Meeting & Closing Session

1:30 pm – 5:00 pm
Mobile Sessions
Automobile Alley and the Oklahoma City Memorial
Ron Frantz and Catherine Montgomery

Bruce Goff and the American School
David Boeck

Chickasaw/Native American Mobile Workshop Sponsored by the Chickasaw Nation
Lona Barrick

Social Equity and Housing
Gina Sofola, Shannon Entz, and Georgia Rasco

Suburban Narratives
Reid Coffman and Richard McKown

Mobile Session Offsite

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SEE YOU NEXT YEAR!

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SUSTAINABLE URBAN ENVIRONMENTS

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