SOCIAL EQUITY BY DESIGN
DESIGNING CONNECTIONS THROUGH COMMUNITY

edra49 OKLAHOMA CITY, OKLAHOMA
JUNE 6-9, 2018

Renassance Convention Center Hotel
Oklahoma City, Oklahoma
June 6-9, 2018

CONFERENCE PROGRAM BOOK

EDRA49 Sponsors & Exhibitors

The Environmental Design Research Association gratefully acknowledges the following 2018 sponsors for their generous financial and in-kind support:

Lanyard Sponsor

Friday Networking Breakfast Sponsor

Mobile Session Sponsors

Partner Sponsor

Bank SNB

Contributing Sponsors

Ideal Homes
JE Dunn Construction Company
Newmark Grubb Levy Strange
Beffort

Exhibitors

Ball State University
Oklahoma State University
UrbanNext

Thank you to our Organizational Members, as well as our Placemaker and Wayfinder Members, who help make our work possible.

EDRA Organizational Members

American Art Resources
BBH Design
HGA
HKS Inc.
Kuwait University
Pennsylvania State University
Rutgers Center for Green Building
Rutgers University
Stony Brook University
Texas Tech University - College of Architecture
UB School of Architecture and Planning
Universite de Montreal
University of Colorado Boulder Program in Environmental Design
University of Idaho- College of Art & Architecture
University of Manitoba
UNL College of Architecture
WorkingSpaces

EDRA Placemakers

Gowri Betrabet Gulwadi
Peter Hourihan
Lynn Paxson

EDRA Wayfinders

Sherry Ahrentzen
Cherif Amor
Kathryn Anthony
David Boeck
Stewart C. Cluck
Thierry Rosenheck
Daniel Stokols
Richard Elliot Wener

Network: **Renaissance-Conference-Meeting**
Code: **edra2018**

EDRA49 Oklahoma City | June 6-9, 2018

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

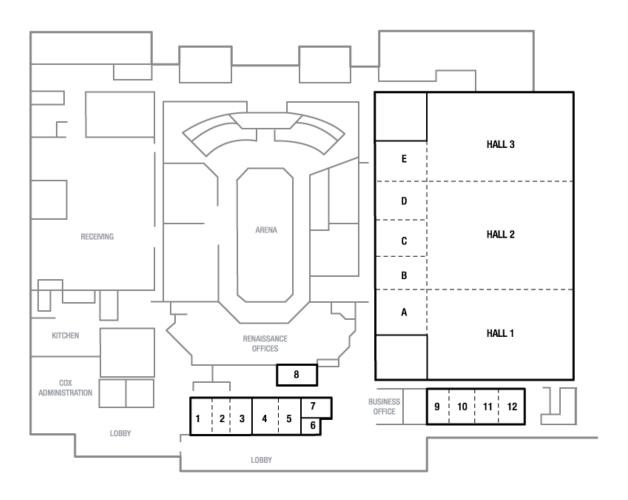|	
7:00 am – 10:00 am	Registration Open
7:30 am – 8:30 am	Network Chairs Meeting
9:00 am – 10:30 am	Concurrent Sessions
10:45 am – 11:45 am	Plenary Session
12:00 pm – 12:45 pm	Member Meeting & Closing Session
1:30 pm – 5:00 pm	Mobile Sessions

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

Floor Plans

Ground Level

Level 2

General Information

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.

Keynote Session
Friday, June 8, 6:00pm
Ballroom C

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 0, 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

Healthcare

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 Sollars Miller

Housing Design and Policy

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

8:00 am – 5:30 pm

Full Day Intensives

Cross-Cultural Placemaking: Fostering Diversity through Community Design

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

Participatory Design Strategies

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

● Intensive   ● Individual Presentation   ● Symposium   ● Workshop   ● EDRA Short

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

Housing Design and Policy

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

Social Equity in Housing Through Universal Design
David Boeck

The Front Porch in Contemporary Planned Communities: Accommodation, Commodity, or Contrivance?
Keith Miller

The Role of Urban Municipalities in Fighting Residential Health Inequities: A Case Study of West Loop Chicago
Kimia Erfani

Other – (Open-ended)

Intensive   Meeting Room 18

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

Participatory Design Strategies

Intensive   Meeting Room 20

Social Equity: Giving Voice to the Unrepresented through Ethnographic Photo-elicitation

Charrette: Learning How to Use Photo-elicitation Research as Part of Teaching Environmental Design Research
Shauna Mallory-Hill

Finding the Right Questions to Design Problems: Assessing Photo-elicitation as a Design Thinking Tool
Carla Brisotto

Photo-elicitation at a Behavioral Health Facility
Eleftherios Pavlides, PhD, AIA

Photo-elicitation in Contrast and Comparison with Other Techniques in a Multi-method Research Design
Anthony Kim

Theater for the People-Revitalization and Place Remembering through Photo-elicitation
Rula Awwad-Rafferty

Resilient Community Planning and Design
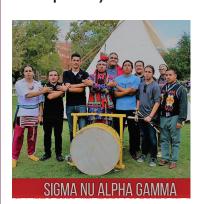
Intensive   Meeting Room 19

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

5:30 pm – 8:00 pm

EDRA49 Welcome Reception

Ballroom C

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.

SIGMA NU ALPHA GAMMA

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
Yeji 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

Workshop   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 Estonoesunsolar in Zaragoza, Spain
Carla Brisotto

Economic Development and Community Revitalization

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
Sheila Gobes Ryan

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

Education Design and Policy

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

Healthcare

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

● Intensive   ● Individual Presentation   ● Symposium   ■ Workshop   ● EDRA Short

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 Baksi

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
Gunwoo 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 Runnerstrom

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

Ballroom C

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'Connor, Gary Cox, Dan Straughan, Ronald Bradshaw, and Gina Sofola

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

1998-2018 GREAT PLACES AWARDS

Celebrating 20 years

edra core

Full Schedule

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

> 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

> 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

> Education Design and Policy

Workshop   Meeting Room 2

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

> Emerging Design Tools: Data, Simulation and Virtual Design

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

The User-Generated Image of The City
Babak Soleimani

> 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

> Healthcare

Individual Presentations   Meeting Room 16

A Critical Review of The Evolution of Healthcare Architecture and Evidence-based Design
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

● Intensive   ● Individual Presentation   ● Symposium   ● Workshop   ● EDRA Short

Full Schedule

Thursday, June 7, 2018

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

<div style="text-align:center">Other – (Open-ended)</div>

Individual Presentations   **Meeting Room 15**

Designing for Collaboration and Interaction in a Diversified, Activity-based Combi-office layout: A Cross-sectional Mixed Method Study
Zahra Zamani

The Impact of Indoor Environmental Quality on Satisfaction in the Workplace: A Demographic Study
Suyeon Bae

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
Michaele 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

<div style="text-align:center">Other – (Open-ended)</div>

Individual Presentations   **Ballroom A**

Enviromental 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

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

<div style="text-align:center">Participatory Design Strategies</div>

Individual Presentations   **Ballroom B**

Systems Thinking, Collective Intelligence and Geodesign: The Need for Public Participation
Yexuan Gu

Visualizing First-Person Experiential Knowledge: An Participatory Street-Walking Experience Study in Yankton, SD
Fang Xu

Co-Designing an Educational Environment with Children and Teacher's Participation in Lagunillas, Chile
Daniela Casanello Frisius

When Participation Really Matters: Lessons from Participatory Zoning Project in Newark, New Jersey
Hanzi Yang

Study the Elderly's Life: An Investigation into Senior Residents' Life in Residential Communities in the Old City of Suzhou and Explore Its Implication for the Formulation of Design Strategies
Qian Lin

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

<div style="text-align:center">Participatory Design Strategies</div>

Individual Presentations   **Ballroom D**

Building Together: Learning and Designing with Katchi Abadi (Informal Settlement)
Mehreen Mustafa

Nipmuc Tribe Design for Empowerment
Ray Mann

Remembering San Juan: A Post-disaster Understanding of Historic Preservation
Nadya Nenadich

Using Pre- and Post-Occupancy Spatial Evaluation to Guide Design of the Woodside Library in California
Jill Eyres

2:30 pm – 4:00 pm

EDRA Shorts

EDRA Shorts 2   Meeting Room 20

<div style="text-align:center">Emerging Design Tools: Data, Simulation and Virtual Design</div>

Evaluating a Space Syntax Measure at High Resolution
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 Oloonabadi

<div style="text-align:center">Participatory Design Strategies</div>

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

Full Schedule

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

Economic Development and Community Revitalization

Individual Presentations   Meeting Room 16

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 Mojtahedi

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

Healthcare

Individual Presentations   Meeting Room 19

Design Strategies to Improve Health and Performance in Healthcare Workplaces Based on Job Type and Worker Characteristics
Rana Zadeh

Heaven, Earth, and Humanity: Integrating Chinese Philosophy into the Design Process of Retirement Communities
Pai Liu

Indigenous Perceptions of Australian Healthcare Settings: Evidence from a Multidisciplinary Study
Timothy O'Rourke

Investigating Barriers to Uptake and Impact of Multi-sensory Environments on Behavior for Veterans with Dementia
Lesa Lorusso

Prison Healthcare and Its Impact on the Health of Low Resource Communities
Dave Redemske

Healthcare

Symposium   Ballroom D

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
Francesqca Jimenez

Analysis of Patient Length of Stay: Methods and Results
Renae Rich

Housing Design and Policy

Individual Presentations   Meeting Room 17

Adoption of Green Housing Features as Pro-environmental Behavior: Exploring Altruistic, Biospheric, and Egoistic Motivations of Homeowners
Marina Murarolli

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

Washington, D.C., A House Divided: African American Housing the Impacts of the 1968 Race Riots, Through a Visual Representation
Jacqueline Carmichael

Other – (Open-ended)

Individual Presentations   Meeting Room 15

Designing Outdoor and Indoor Navigation System for Large Scale Settings: A Geo-functionalist Approach
Hally ElKony

Intensive   Individual Presentation   Symposium   Workshop   EDRA Short

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

Other – (Open-ended)

Workshop   Meeting Room 18

Exploring Spatial Equity: Can Design Solve Inequity?

Inequity
Cristina Cassandra Murphy

Academic and On-site Applications: How Can Design Help Solving Inequity and Re-balance 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

Other – (Open-ended)

Workshop   Meeting Room 14

Publishing a Book: Before, During and After

Why a Book? What Kind of Book?
Karen Franck

The Benefits and "Costs" of Having an Agent
Galen Cranz

Before and After: Contacting a Publisher and Promoting a Book's Ideas
Julia Robinson

Publishing a Book: Now that You've Written It, What Comes Next?
Georgia Lindsay

Resilient Community Planning and Design

Individual Presentations   Ballroom B

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

Assesing 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

EDRA Shorts 3   Meeting Room 20

Housing Design and Policy

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

Other – (Open-ended)

An Ecological Aesthetics of Felt Space
Andrea Wheeler

Can Eye Movements Tell Design Preferences?
Elif Celikors

Improving Physical Activity Levels in the Workplace
Anna Osborne

Learnings from Innovative Higher Education Environments for Building Workplaces of the Future
Amin Mojtahedi

Speak Loudly and Carry a Small Stick: Promoting Better Public Speaking in the Interior Design Studio
Roberto Ventura

Participatory Design Strategies

Compartmentalizing Ecology for Living Architecture
Reid Coffman

Everyone Has the Power to Make a Difference: The City of Madison's Youth-driven Approach to Promoting Equity through Outdoor Play, Playground Design, and Peer-to-peer Education
Rachel Goldberg

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

Designing Accessible Environments

Individual Presentations   Ballroom B

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

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
Lesa 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

Aligning Urban Design with Social and Economic Realities: A Changing Vision for Riyadh, Saudi Arabia
Aliaa Elabd

Building Sense of Belonging in Norman City's Residents through Chautauqua Historic District Development
Petya 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

Education Design and Policy

Individual Presentations   Meeting Room 16

Embracing Technology: Using 3D Scanned Museum Collections in Interior Design Education
Tilanka Chandrasekera and Andre Ferreira

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

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
Marlo 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

● Intensive ● Individual Presentation ● Symposium ● Workshop ● EDRA Short

Full Schedule

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 Jafarifiroozabadi

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

Strategies for Achieving "Designed" Population Management Approach
Douglas King

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

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 Polices: A Content Analysis of State Level Housing Criteria
Arezou Sadoughi

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

Other – (Open-ended)

Workshop   Ballroom E

Editors' Voices: Journal Editors' Roundtable Workshop
Ann Devlin

Participatory Design Strategies

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

Green Pioneers: Profiles of Practitioners and Policymakers Who Have Advanced Sustainable Design in North Texas
Johnnie Stark

Students Participation in Designing a Female Elementary School
Shadi Daneshvar Kakhki

Study on Wind Environment of Beijing CBD based on CFD
Zhongzhong Zeng

Resilient Community Planning and Design

Individual Presentations   Meeting Room 1

Experimenting for Greater Sustainability in Finnish Urban Development
Ilari Karppi

Home and Spatial Memory: Narratives of Refugees' Everyday Place
Sahera Bleibleh

The Dialectics of Place Change and Place Attachment
Lynne Manzo

The Mutual Effects of Globalization and Media Technology on Urban Landscape Climate Change Resiliency in Iran
Mohammad Reza Masnavi

The Potential Aspects of Environment Design for Education of Children with Autism Spectrum Disorder
Mohammad Reza Masnavi

Resilient Community Planning and Design

Symposium   Meeting Room 20

Museums, Identity, and Citizenship

Moving and Pausing, Darkness and Light: Museums of Recognition and Repair
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

10:30 am – 11:00 am

Poster Session

Coffee Break / Poster Session 2

LV2 Prefunction Center

Full Schedule

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   **Ballroom E**

Design for Inclusive Society: Investigating Homelessness and Urban Informal Settlements in Seattle, United States
Oluwole Soyinka

Post-Traumatic Stress Disorder: Empirical Correlation Between Behavioral Health and Healthcare Environments to Promote Physical Well-Being
Richard L. Boswell

Stories of Garden Experience: How Adolescent Women Undergoing Substance Abuse Treatment Describe Their Relationship with a Healing Garden
Lily Mank

Healthcare

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 OBrien

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

■ Intensive   ■ Individual Presentation   ■ Symposium   ■ Workshop   ■ EDRA Short

Full Schedule

Friday, June 8, 2018

Participatory Design Strategies

Symposium — Ballroom A

Between the Smart City and the Participatory City: When Technology and Mobility 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

Symposium — 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

Resilience in Social Housing: Analysis through Coproduction
Paula Vasconcellos

Resilient Community Planning and Design

Symposium — Ballroom B

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 — Meeting Room 16

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

Reimaging 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

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

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 Froughisaeid

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

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

Full Schedule

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 C ooper

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

Other – (Open-ended)

Individual 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
Erin Colwell

Other – (Open-ended)

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)

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

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

● Intensive ● Individual Presentation ● Symposium ● Workshop ● EDRA Short

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

Individual Presentations   Ballroom B

Can Livable Places also be Restorative?
Dina Abdulkarim

Co Housing for Active Aging
Marisela Thompson

Design for the Elderly: A Review on Existing Design Interventions Developed for Older People and the Study of Their Adaptation for the Elderly Living in the Old Sity of Suzhou
Qian Lin

Unveiling Spatial Relationships: Using Space Syntax to Describe the Social Potential of Space in Student Union Buildings
Mahshid Jalalianhosseini

Visual Design Considerations for Inclusion
Kristi Gaines

Education Design and Policy

Individual Presentations   Ballroom D

A Community Approach to Care Education: Empowering Rural Communities to Engage in Exceptional Care of Rural Elders
Emily Roberts

An Evaluation of Accessibility in Academic Buildings at Qatar University
Lizmol Mathew

Challenge: Designing the School Environment to Support Children with Autism Spectrum Disorder
Julie Irish

A Fear-free Learning Environment without the Risk of Crime and Threat
Akm Islam

Beyond the Major: Assessing and Developing Transferrable Critical Thinking Skills
Marlo Ransdell

Students' Assessment of Classroom Furniture and Collaborative Technology Use
Alana Pulay

Emerging Design Tools: Data, Simulation and Virtual Design

Individual Presentations   Ballroom E

Accesible Immersion: Downgrading Technology for Community Engagement
Marc Miller

Identifying Superior Connections: Using Hyper-Local Data Aggregation Tools for Sense of Place Assessment in Duluth, MN
Yang Song

Measuring the Impact of Physical Characteristics of Place on Motor Vehicle Thefts
Linda Nubani

The Development of a Play-Type Scale for Capturing Children's Oudoor Play Behaviors
Adina Cox

Urban Environment Simulationand Design Decision Based on Digital Technology
Zhongzhong Zeng

Healthcare

Individual Presentations   Meeting Room 16

A Redefined Cyclical Design Process for Healthcare Architecture: Research-informed Design and Research-confirmed Design
Suining Ding

Innovative Design of Wards with Privacy Provision Following Asian Countries' Value of Life: Case Studies of Acute Care Hospitals in Japan and Singapore
Adriana Jenahat

Optimizing Children's Attention Restoration Experience Through Nature-Based Design
Xiaotong Liu

Other – (Open-ended)

Individual Presentations   Meeting Room 17

Mothering Behind Bars: The Children's Garden Design-Build
Julie Stevens

Emerging Methods for Facility Programming Information Collection: Rapid Ethnography
Lubomir Popov

Full-Time Teleworkers Informal Communication Practices
Sheila Gobes Ryan

Social Equity and Sustainable Architecture: An Investigation of Sustainable Design, Its Tools and Its Convictions
Andrea Wheeler

The Impact of Spatial Visibility on Employee Face-to-face Interactions at Work Environments
Mandana Motamed

The White Cliffs Hospital Facility Programming: A Case Study
Lubomir Popov

Full Schedule

Saturday, June 9, 2018

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 Resiliency
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

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

Does Ecological Aesthetics Work Alright? A Study on the Landscape Architectural Practice that Visualize Ecology (2000-2015)
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

Meeting Room 15

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

Plenary Session   **Ballroom C**

12:00 pm – 12:45 pm

Member Meeting & Closing Session

Ballroom C

1:30 pm – 5:00 pm

Mobile Sessions

Automobile Alley and the Oklahoma City Memorial
Ron Frantz and Catherine Montgomery
Mobile Session   **Offsite**

Bruce Goff and the American School
David Boeck
Mobile Session   **Offsite**

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

Social Equity and Housing
Gina Sofola, Shannon Entz, and Georgia Rasco
Mobile Session   **Offsite**

Suburban Narratives
Reid Coffman and Richard McKown
Mobile Session   **Offsite**

● Intensive   ● Individual Presentation   ● Symposium   ● Workshop   ● EDRA Short

SEE YOU NEXT YEAR!

MAY 22-26, 2019

SUSTAINABLE URBAN ENVIRONMENTS

edra**50**brooklyn

Join us in Brooklyn to Celebrate our 50th Anniversary!

MAY 22-26, 2019