

MAY 22-26, 2019

SUSTAINABLE
URBAN
ENVIRONMENTS



edra**50**brooklyn

NYU Tandon School of Engineering
Brooklyn, New York

Conference Program Book

EDRA50 Sponsors and Exhibitors

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Welcome to Brooklyn and the 50th Environmental Design Research Association Conference!

SUSTAINABLE URBAN ENVIRONMENTS: Research, Design and Planning for the Next 50 Years

Welcome to the Environmental Design Research Association's 50th Annual Conference hosted by New York University's Tandon School of Engineering at its downtown Brooklyn campus. We celebrate the history and vitality of our field and the Environmental Design Research Association in this golden jubilee year. EDRA's mission is to provide a collaborative, multidisciplinary community to connect theory, research, teaching, and practice to recognize, create and advocate for environments that are responsive to diverse human needs. For 50 years, Environmental Design Research Association conferences have helped advance and disseminate research, teaching, and practice toward improved understanding of the relationships among people, their built environments, and natural eco-systems.

EDRA50's theme is Sustainable Urban Environments: Research, Design and Planning for the Next 50 Years. Through presentation and discussion, this conference will explore how environments at all scales can be designed in support of a more sustainable world. Cities are central to the cause of urgent global climate change but also will be the proving ground for many of the solutions that address environmental, economic, social and behavioral issues across the globe.

The heart of any EDRA conference is the presentations from those of you in the field. EDRA50 will offer over 600 interdisciplinary presentations in symposia, workshops, paper sessions, posters and digital media by researchers and practitioners from around the world, as well as 11 engaging field sessions off campus. Over 500 presenters from 35 countries bring with them a global perspective on environmental design research.

Thank you for joining us to celebrate the 50 years in which people have come to EDRA to build environments that are safer, healthier, and more responsive to human needs.

EDRA50 Program Committee Chair

Linda Nubani, PhD, EDAC

Assistant Professor of Interior Design
School of Planning, Design and Construction
Michigan State University

EDRA50 Co-Chairs

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Guttman Community College,
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School of Architecture, Michael Graves
College, Kean University

Ruth A. Rae, PhD

Adjunct Professor, Sustainable Urban Environments
Department of Technology, Culture & Society
Tandon School of Engineering of
New York University

Richard Wener, PhD

Professor of Environmental Psychology
Director, Sustainable Urban Environments
Department of Technology, Culture & Society
Tandon School of Engineering of
New York University

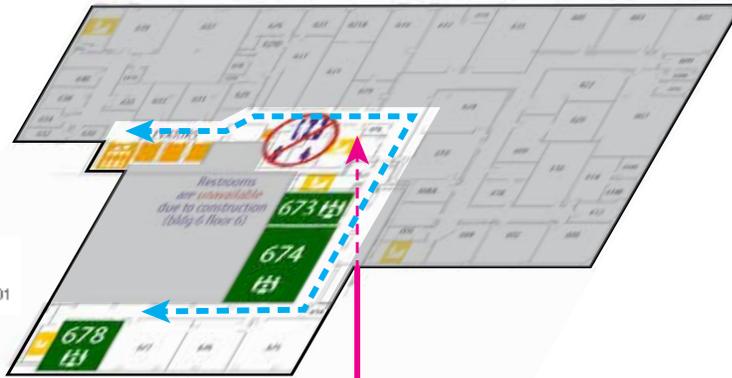
Thank you to EDRA50 hosts!

The Department of
Technology, Culture & Society

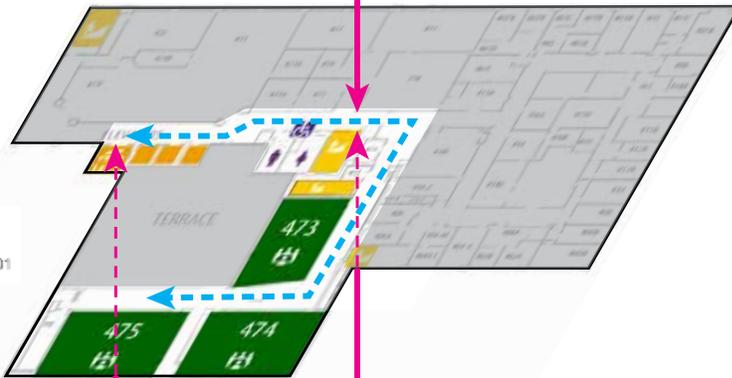


Floorplans

6 MetroTech Center | Floor 6
6 MetroTech Center Brooklyn, NY 11201



6 MetroTech Center | Floor 4
6 MetroTech Center Brooklyn, NY 11201



6 MetroTech Center | Floor 2
6 MetroTech Center Brooklyn, NY 11201

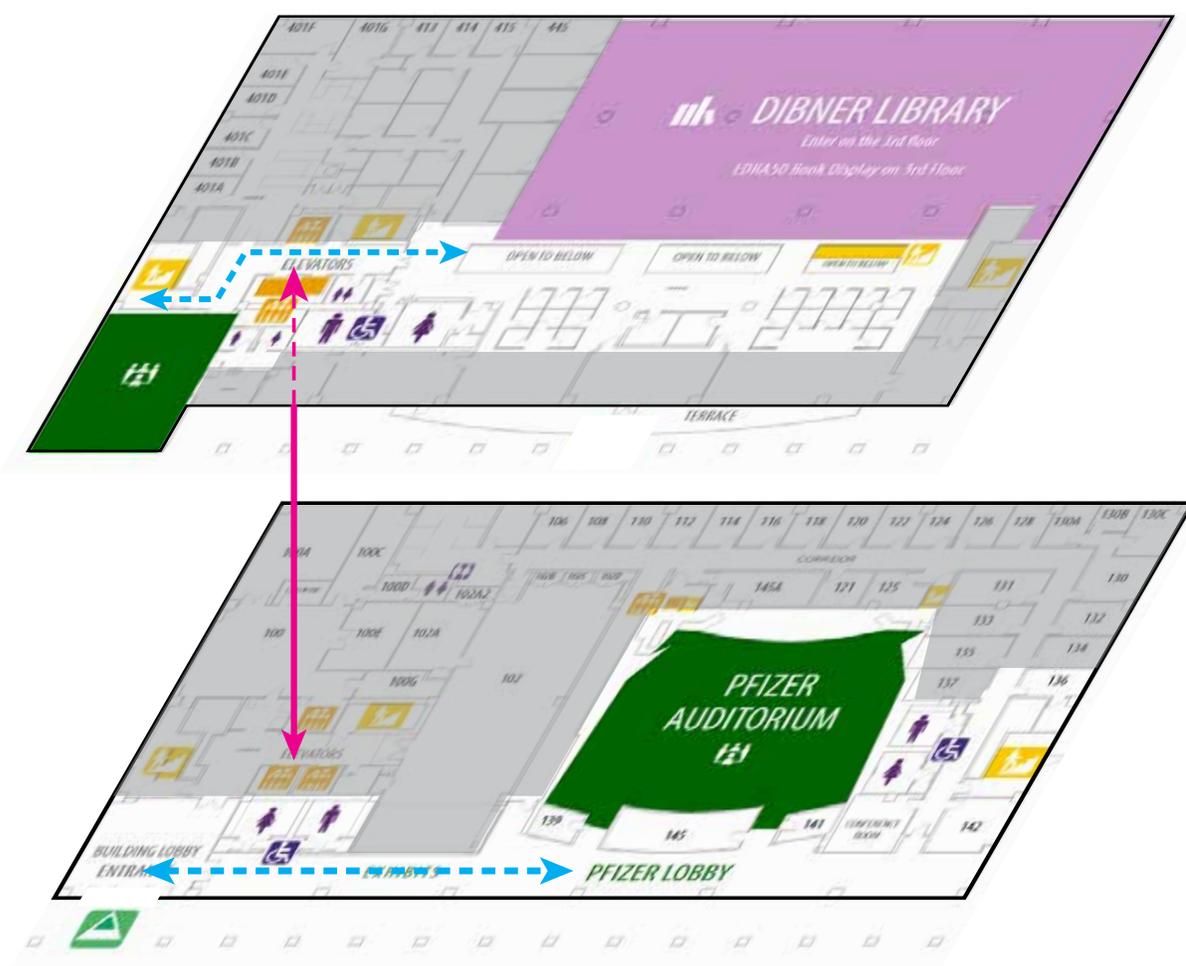


To 5 Metrotech
(Not an accessible route)

6 MetroTech Center | Floor 1
6 MetroTech Center Brooklyn, NY 11201



Accessible
Route to 5
Metrotech



LEGEND

	Entrance		Stairway
	Meeting Rooms		Elevator
	Register		Handicap Restroom
	Cafeteria		Restroom
	Library		Lounge



Schedule at a Glance

May 20-21, 2019

NCI Charrette System Certificate Training

Wednesday, May 22, 2019

Attendance FREE with any registration

- 7:00am-5:00pm Registration desk open
- 8:30am-9:00am Morning refreshments
- 8:45am-4:30pm Graduate Student Mentoring Workshop (Everyone welcome!)
- 9:00am-12:30pm Morning pre-conference intensives
- 9:00am-5:00pm Full-day pre-conference intensives
- 10:30am-11:00am Coffee break
- 12:30pm-1:30pm Lunch on your own
- 1:30pm-5:00pm Afternoon pre-conference intensives
- 3:30pm-4:00pm Coffee break
- 4:30pm-5:30pm Student Happy Hour!
- 6:00pm-8:00pm EDRA50 Welcome Reception

Reception hosted by the Rudy Bruner Awards for Urban Excellence. EDRA Career and Achievement Awards and Michael Brill Grant announced.

Thursday, May 23, 2019

- 7:00am-5:00pm Registration desk open
- 7:45am-8:15am Morning refreshments
- 8:15am-11:15am Paper and group sessions
- 9:30am-9:45am Snack/coffee break
- 9:30am-10:45am Digital media shorts
- 11:15am-12:15pm Jan Gehl keynote
- 12:15pm-1:45pm Great Places Awards/CORE ceremony & box lunch
- 1:45pm-3:15pm CORE Recognition Session
- 1:45pm-6:30pm Paper and group sessions
- 3:15pm-3:45pm Snack/coffee break
- 3:15pm-4:15pm Poster presentations
- 6:45pm-8:00pm EDRA @ 50 special session

Friday, May 24, 2019

- 7:00am-3:00pm Registration desk open
- 7:45am-8:15am Morning refreshments
- 8:15am-12:15pm Paper and group sessions
- 8:30am-11:30am Mobile sessions
- 9:30am-10:00am Snack/coffee break
- 9:30am-11:00am Digital media shorts
- 11:15am-12:15pm Dennis Johnson special session
- 12:15pm-1:00pm Lunch on your own
- 1:00pm-2:00pm Annual Members Meeting
- 2:00pm-6:15pm Paper and group sessions
- 2:00pm-5:30pm Mobile sessions
- 3:15pm-4:15pm Poster presentations
- 3:30pm-3:45pm Snack/coffee break
- 3:45pm-5:00pm Mindy Fullilove special session
- 7:30pm-10:30pm Anniversary Banquet Cruise!

Saturday, May 25, 2019

- 7:00am-11:00am Registration desk open
- 7:45am-8:15am Morning refreshments
- 8:15am-11:15am Paper and group sessions
- 9:30am-9:45am Snack/coffee break
- 9:30am-11:00am Digital media shorts
- 11:00am-12:00pm C-40/David Miller special session
- 12:15pm-1:00pm Lunch on our own
- 1:00pm-5:00pm Paper and group sessions
- 2:00pm-5:30pm Mobile sessions
- 3:30pm-3:45pm Snack/coffee break
- 3:30pm-4:30pm Poster presentations
- 5:30pm-8:30pm Italian art sustainability films

Sunday, May 26, 2019

- TBD Flower Wall art event

General Information

Registration

The EDRA50 Registration Area is located in the lobby of 6 MetroTech Center. At check-in, we will provide your badge and any tickets purchased for Mobile Sessions and the Anniversary Banquet.

Wednesday, May 22	7:00am – 5:00pm
Thursday, May 23	7:00am – 5:00pm
Friday, May 24	7:00am – 3:00pm
Saturday, May 25	7:00am – 1:00pm

Special Events

Welcome Reception

Wednesday, May 22, 6:30pm – 8:30pm
Makerspace, 6 MetroTech Center

Kick off EDRA50 Brooklyn with drinks and hor d'oeuvres while you catch up with friends and make new connections. Michael Brill Grant recipient and Career and Achievement Awardees announced.

Keynote Address

Thursday, May 23, 11:15am – 12:15pm
Pfizer Auditorium, 5 MetroTech Center

Jan Gehl, architect, professor and consultant on urban design, will discuss the course of design and design research in the past 50 years.

Great Places Awards and CORE Recognition Ceremony

Thursday, May 23, 12:15pm – 1:45pm
Jasper Crane Cafeteria, 6 MetroTech Center

Join us for this ceremony recognizing the recipients of EDRA's Certificate of Research Excellence and the 2019 Great Places Awards.

EDRA Members Meeting

Friday, May 24, 1:00pm – 2:00pm
Makerspace, 6 MetroTech Center

All 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 to get the most out of your EDRA membership.

EDRA50 Anniversary Banquet Cruise

Friday, May 24, 7:15pm boarding

7:30pm/departure – 10:30 pm

Cruise launch at Pier 40/West Village, Manhattan

Celebrate EDRA's 50th anniversary on the Hybrid yacht for a three-hour cruise around Manhattan while enjoying a full buffet dinner. We will celebrate the 2019 EDRA Career and Achievement Awards and Best Paper Awards. Banquet tickets are separate from registration. Tickets can be purchased at the registration desk for \$90.

Guest Services

Free Citi Bike Passes

Free one-day Citibike passes available. Contact headquarters@edra.org if you are interested.

CEUs

CEUs are available for more than 60 group sessions. Find CEU Certificates at registration. Verify participation with session leaders at the end of each session attended. Return your verified CEU Certificates to registration for submission.

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 banquet tickets will be provided at check-in. Please return your lanyard and badge 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

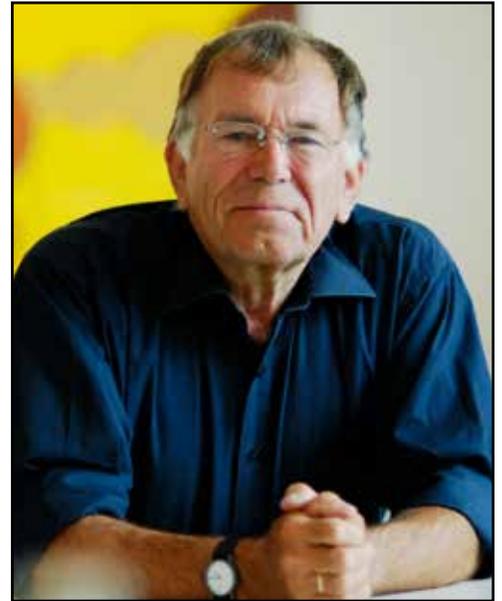
EDRA wishes to ensure no individual with a disability is excluded, denied services, segregated or otherwise treated differently because of the absence of auxiliary aids or services identified in the Americans with Disabilities Act. Please communicate your needs to an EDRA staff member.

Keynote Session

Jan Gehl

Gehl Architects, Denmark

Thursday, May 23, 11:15-12:15
Pfizer Auditorium, 5 MetroTech Center



From Jane Jacobs to Livable Cities

Jan Gehl will discuss the course of design and design research in the past 50 years—the period roughly between his own first presentation at an environmental design research conference (Architectural Psychology in Kingston, UK, in 1970) and EDRA50. This will include his own research and design that has helped shaped the use of space in Copenhagen, Melbourne, Sydney, New York, and Moscow...among others.

He will note how, in the lead up to that period, Modernists “threw out everything known about good human habitat” so that in 1961, by the time Jane Jacobs rose to oppose Robert Moses, designers “knew NOTHING and had to build up the Environmental Design Research knowledge step by step from square one.” “...Now we KNOW how to make good environments! But do we make sufficient use of all this new knowledge?”

Jan Gehl, professor and consultant on urban design, has focused his career on improving the quality of urban life, by reorienting the design of the city towards the pedestrian, public life and cyclists.

Forty years of research at the Royal Danish Academy School of Architecture in Copenhagen have resulted in a number of by now “classic” books. *Life Between Buildings* (1971) and *Cities for the People* (2010), now published in more than forty languages, are among the most referenced resources in city planning.

In 2000, Gehl founded Helle Søholt Gehl Architects with the purpose of applying theories to practical planning. Major improvement projects have been carried out for Copenhagen, Melbourne, Sydney, London, New York and Moscow.

Special Sessions

EDRA @ 50: Yesterday, today, and tomorrow

Thursday, May 23, 6:45-8:00

Dan Stokols, Sanjoy Mazumdar, Gary Evans, Henry Sanoff, Karen Franck, Susan Saegert, Kathryn Anthony

Advocacy as a Path to Stewardship

Friday, May 24, 11:15-12:15



Dennis Johnson, MPA

Place-Based Observance: 400 Years of Inequality and Urban Sustainability

Friday, May 24, 3:45-5:00



Mindy Fullilove, MD, Tim Nottage, Jacqueline Castaneda, and Aditi Nair

Climate Action for Global Cities Now: The C40 cities approach and how behavioral research can support it

Saturday, May 25, 11:00-12:00



David Miller, Irina Feygina, Robert Gifford, Ricardo Garcia Mira, and Lynda Scheekloth

Mobile Sessions

FRIDAY, MAY 24

Morning: 8:30-11:30 am

The Future of Food: Urban Rooftop Farming
Kris Day

Green-Wood Cemetery: Sustainable Urban Green Space—Ruth Rae

Student-Designed Community Playgrounds: Trust for Public Land's NYC Playground Program
Tiffany Briery

Crime Prevention and Community Engagement:
Red Hook Community Justice Center—Irina Feygina

FRIDAY, MAY 24

Afternoon: 2:00–5:30 pm

New Ideas in Park Planning and Design:
Brooklyn Bridge Park—Ruth Rae

Indoor Privately Owned Public Spaces: How Public Are They?—Te-Sheng (Emery) Huang

Memorials and Meaning: Design and Planning of the 9/11 Memorial and Museum—Kris Day

SATURDAY, MAY 25

Afternoon: 2:00–5:30 pm

Gowanus Lowlands: Remaking a Superfund Site
Leah Wener

"The Yard" Adventure Playground, Governor's Island—David Holzman (note: begins at 1:45)

Transformation: Streets for Cars to Pedestrian Plazas
Hanife Vardi Topal

Full Schedule

Wednesday, May 22, 2019

8:45 AM – 4:30 PM

Graduate Student Mentoring Workshop

6 MetroTech Center - Makerspace

9:00 AM – 12:30 PM

Morning Intensives

6 MetroTech Center - Room 203

Assessing the Built Environment to Promote Healthy Lifestyles

The Nexus between Active Lifestyles and Built Environments

Donald A Burger
Payton N Schafers

Park, Recreation, and Street-Level Walkability Built Environment Analysis Tools and Strategies

Payton N Schafers

Examples and Perspectives of Walkability Analysis and Application

Donald A Burger

6 MetroTech Center - Room 205

Using the NCI Charrette process for applied research, teaching and practice to create Sustainable Urban Environments

Using the NCI Charrette Process for Applied Research, Teaching and Practice to Create Sustainable Urban Environments

Holly Madill

How to Conduct Participatory Research within a Virtual Setting

Holly Madill
Linda Nubani
Kristy Kellom

How to Conduct Participatory Projects Using the NCI Charrette Process

Jennifer Hurley

6 MetroTech Center - Room 202

Sustainable Urban Environments: Creating Resilient Communities in the Age of The Anthropocene

Social Immediacy in Planned Community Design: The Problem of Macro-Scale Programming and Lost Opportunities for Social Capital

Keith A Miller

Healthy Affordable Housing in the Age of Green

Ali Momen Heravi

Taking the Home out of Home-Based Care

Eleanor Luken

Storied Possessions: Post-Household Disbandment Older Adult Placemaking through Meaningful Belongings

Heather Carter

Increasing Confidence in Home Modifications for Safe Aging in Place in Rural Environments

Denise McAllister Wilder

Integral Living Research: Tools and Solutions for Sustainable and Healthy Living in Underserved Communities

Diana Nicholas

Understanding Affordable Housing Strategies and Solutions

Ozlem Demir

Aging in Place and Resilience in the Age of Climate Change

Kimia Erfani

Ivanhoe Redux: The Importance of Place in Growing Community

Marie-Alice L'Heureux

6 MetroTech Center - Room 204

Moving Beyond Sustainability: Seeking Authentic Rhetoric, Design, and Practice in an Ever-Changing and Complex World

The Garage Underground

Joseph Juhasz

Electrifying the Mini Transportation Corridor: Segway Revisited

Robert Flanagan

Authenticity in Colonization and Resistance: Native Americans and Design Beliefs and Practices

Lynn Paxson

The Right to the Right-of-Way - Residential Front Yard Gardening

Leila Tolderlund

Doing More Than Good: Designing for Regeneration, Evolution, & Growth

Bambi Yost

9:00 AM – 5:00 PM

Full-day Intensives

6 MetroTech Center - Room 200

Photo-elicitation providing inhabitant insights to practitioners, while socializing architects to use EDR, through architectural education: A Proposal for the Next 50 Years

Ethnographic Photo-Elicitation: The Role of the Architect

Eleftherios Pavlides

Accessing the Inhabitants' Emic through Semantic Ethnography

Galen Cranz

Ethnography in the Realm of Sustainability and Building Design

Osama Mansour

Ethnographic Photo-Elicitation Supporting the Design of a Community Theater with a Historic Preservation Significance

Rula Z. Awwad-Rafferty

Image-Based Interviews of Older Adults in an Assisted Living Center

Mio Jia
Rana Zadeh

Utilizing Photo-Elicitation to Garner Feedback from Children and Their Parents of the Outpatient Surgical Environment

Deborah Wingler

Photo-Elicitation Informing Inpatient and Outpatient Healthcare Facilities: Behavioral Health, Oncology, Pediatric Intensive Care Unit.

Lesa N Lorusso

Full Schedule

Wednesday, May 22, 2019

Ethnographic Photo-Elicitation:
Exploring the Method with a Pilot
Project

Mehdi Khosrovani
Kathleen Snelgrove

Ethnographic Photo-Elicitation
through Teaching: Benefits to the Cli-
ent, the Architect and the Students
Tyrone Yang

6 MetroTech Center - Room 201

**Positive Workplace Design: Re-
search- and Practice-Based Insights**

Both/and Thinking As a Design Ap-
proach to Workplace Research
Ellen Bruce Keable

Why POEs Matter
Cynthia Milota

Studying Healthy Workplaces in the
New Workplace World
Christine Kohlert

Flexible Work Programs at Compa-
nies – a Longitudinal Quantitative
Study Spanning a Decade
Gabor Nagy

Technology Enabled New-Ways-of-
Working and the Evolving Need for
Workplaces
Sheila Gobes-Ryan

Linking Research Results and Practice
Particulars: Designing What Knowl-
edge Workers Need
Sally Augustin

9:30 AM – 4:30 PM

Full-day Intensive

Cuny Graduate Center - Martin E.
Segal Auditorium

**Peak Experiences in Teaching Envi-
ronmental Psychology**

Peak Experiences in Teaching Envi-
ronmental Psychology
David Chapin
Tomo Imamichi

1:30 PM – 5:00 PM

Afternoon Intensives

6 MetroTech Center - Room 205

**Humanizing Building Technology
and Experience: a Collaborative Fo-
rum for Re-envisioning Sustainable,
Healthy Buildings and Occupants**

An Economic Framework for Monetiz-
ing Healthy Buildings
Nora Wang

Thermal Engineering, Occupant
Health and Productivity
Patrick Phelan

Routes to Evidence-Based Design
Clinton Andrews

The Role of Persuasive Visualization
Technology in Building Occupant
Behavior
Jennifer Senick

Best Practices in Post Occupancy
Evaluation
Rich Wener

6 MetroTech Center - Room 204

**Democratic Design Without Bor-
ders-Three**

Henry Sanoff

Democratic Housing Design Process
in Milpitas, Mexico
Lourdes Marcela Lopez

Latinas Involvement in Urban Planning
Zeynep Toker

Exploratory Design Games As a Par-
ticipatory Method
Eva Brandt

Social Sustainability As a New Chal-
lenge for Design and Planning in
Russia

Nadezda Snigireva
Dmitry Smirnov

Under-Acknowledged Participation in
Architectural Practice
Rachael Luck

Participatory Design Methods for
Creating a Sustainable Community in
Tilaco, Mexico

Carlos Cobreros Rodriguez
Julieta Trevino Sherk

Participatory Design's Role in Chal-
lenging Hegemonic Architectural
Practice

Avigail Sachs

6 MetroTech Center - Room 203

**Deepening Design Activism through
Preparation, Practice and Proof**

Pedagogy for Design Activists
Laura J Lawson

Pedagogy for Design Activists
Michael Rios

Practices of Design Activism
Jeffrey Hou

Practices of Design Activism
Austin Allen

Evaluating Design Activism
Deni Ruggeri

Evaluating Design Activism
Maria-Beatrice Andreucci

6 MetroTech Center - Room 207

**Not your Ordinary Space Planning:
Understanding how design profes-
sionals, librarians and patrons build
narratives around physical spaces**

Amy Beth
Karen Diller
Mei Ling Chua

1:30 PM – 5:00 PM

Student Happy Hour

6 MetroTech Center - Makerspace

6:30 PM – 8:30 PM

Welcome Reception

Hosted by Rudy Bruner Awards
for Urban Excellence

6 MetroTech Center - Makerspace

Full Schedule

Thursday, May 23, 2019

8:15 AM – 9:30 AM

Individual Presentations

6 MetroTech Center - Room 474

Sustainable Lifestyles 2

When Public Spaces Become Agents of Sustainable Change
Carmela Cucuzzella

Positive Sustainable Built Environments: Do Green Buildings Support Green Behavior?
Erin Miller Hamilton

The Influence of Light Shelves on Improving the Performance of Indoor Space: An Educational Case Study in Raleigh, North Carolina
Masoom Haghani

A Decision-Aid Tool to Evaluate the Contribution of Space Syntax of School Buildings to Educational Performance
Jean-Philippe Thérien

Built Environment's Contribution to Educational Ecosystem Services: Storytelling through Buildings for Sustainability Education
Aysegul Akturk

5 MetroTech Center - Pfizer Auditorium

Place Making 2

Place Attachment in Refugee Camps: Ideology, Pragmatism and Patogenic Attachment
Anna Catharina Hansson

What Historical Cities Mean to Their Inhabitants. Environmental Challenges in the Era of Global Tourism.
Giovanna Potesta

Tourism and Dimensions of Landscape Identity: Understanding the Processes of Place-Making
Fatima Bernardo

Shaping the City Image By Placemaking: Place Attachment and Sustainability of City
Yeji Yi

Unsettling Senses of Place: Displacement and the (re)Making of Home in a Rapidly Changing City
Lynne C. Manzo
Richard Desanto

6 MetroTech Center - Room 473

Design & Advocacy 1

Improving the Adaptive Capacity of Vulnerable Populations through Inclusive Design
Brittany Perez
Krista Macy

Inclusive Spaces for Equitable Interior Design Practice
Rena N Mantooth
Rebekah Radtke

Interior Architect As a Place-Make
Nur Ayalp

Examining Public Building for People with Disabilities: Focus Group Study of Post-Occupancy Evaluation of Ed Roberts Campus
Linda Zimmer
Kyuh Ahn

Study of Universal Design Implementations for City for All
Hye Gyung Yoon

6 MetroTech Center - Room 475

Heritage & Culture 2

Bayou Bienvenue and the Maroons: A Historic and Cultural Approach to Ecological Preservation
Diane Jones Allen

Recovery and Conservation of Traditional Water Mills in Wadi Arjan, Jordan
Hamzeh Miqdady
Bushra Obeidat

Sustainability of Historic Urban Landscapes: Factors Affecting Integrated Conservation and Development of Urban Cultural Heritage
Kapila D. Silva

Heritage Place Making in Historic Cairo, a Balanced Approach between the Community and Visitor Service Needs
Ahmed Ouf
Heba Mansour

6 MetroTech Center - Room 674

Resilience 1

Paving the Way for Outdoor Play: Examining Socio-Environmental Barriers to Community-Based Play in Middle Childhood
Janet Loebach

Parental/Teacher Preferences for Children's Outdoor Learning Environment
Charles Klein
Kristi Gaines

Partners for Play: Living with Nature to Playing the Archive
Alison Somerset Ward
Helen Elizabeth Woolley

Cinematic Landscapes: Raising Young People's Awareness about Outdoor Spaces.
Mina Rezaei

6 MetroTech Center - Room 211

Sustainable Lifestyles 1

Participatory Research and Knowledge Mobilization: Environmental Audits, Photo Elicitation and Videos Around Mobility and Access
Atiya Mahmood

Built Environmental Correlates of Older Adults' Physical Activity in 2 Metropolitan Areas
Florian Herbolsheimer

Walking in the Suburbs. How to Make These Environments More Walkable for the Elderly ?
Mathilde Loisel

Challenges for Older Citizens to Get Around a Planned City
Hartmut Günther

The Comparative Study on the Impact of Neighborhood Affordance Friendliness on Elderly's Activity and Neighborhood Space Choosing in New Taipei City, Taiwan.
Chuan Ming Tung

Full Schedule

Thursday, May 23, 2019

6 MetroTech Center - Room 205

Place Making 1

Urban Design and Lively Streets in Brazil and United States: An Empirical Search of Cross-Cultural Commonalities and Local Specificities
Paula Barros

A New Vision for Riyadh, Saudi Arabia: Balancing New TOD Design with Cultural and Environmental Realities
Aliaa Elabd

Do Sense of Enclosure and Pedestrian Flow Have an Effect on Plaza's Visitability?
Dina Abdulkarim

Eco-Urbanity As a Theoretical Approach and Formative Scenario Analysis As an Assessment Tool for Urban Open Spaces
Hisham S Gabr

(Take A) Walk on the High Line: Aestheticizing Power, Politics, and Ecology in (Neoliberal) Urban Open Space
Joern Langhorst

6 MetroTech Center - Room 215

Design & Advocacy 2

The Diverse Diversity: The Diversities of Urban Active Mobility and Their Environmental Impacts
Kun LIU
Yuan GAO

How Does Lighting Affect Wayfinding after Dark?
Saleh Bokharaei
Jack L. Nasar

Better Urbanity – to What Extent a Design Issue?
Ilari Karppi

Measure the Restorative Effects of Diverse Urban and Greenspace Environments through the Use of Virtual Reality and Real World Environments: An Analysis of Physiological Responses and Affect
Emily Grant

Natural Experiments in Environment-Behavior Research
Chanam Lee

6 MetroTech Center - Room 203

Evidence Based Design 1

Instrument Development to Measure the Natural Environment in Nursing Homes
Peggy Chi

Place-Making with Older People: Mapping Sense of Place through GIS Online Platform
Sinval Xavier

An Underline for the Underserved: A Pilot Study to Explore Simulation Research for Sustainable Aging Around Miami's Metrorail.
Newton D'souza

How Smart Is Too Smart: Older Adults' Attitudes Toward Smart Home Technologies That Support Actively Aging at Home
Elif Tural

Environmental Influence on Social Cohesion in Senior Living Facilities - Case Studies in Beijing and Shanghai
Zhe Wang

6 MetroTech Center - Room 201

Environmental Infrastructure 1

Analyzing Stormwater Management Challenges and Potential in Public Land
Matthew McEnerney
Caryn Kunowski

Study on the Construction Strategy of Green Space in Urban Shallow Mountain Area—Taking Xishan Military Industry Community in Wulitun Area of Beijing As an Example
Xiyao Zhao

Crime in Residential Blocks: Does Greening Vacant Lots Matter?
Sara Hadavi

A Study of Community Engagement in the Collaborative Design Process of the Pilot Green Infrastructure Design in Downtown Arlington, TX
Joowon Im

The Green Gentrification and Health: Restoring Health of Long Term Residents without Displacement
Zorana Matic

6 MetroTech Center - Room 202

Heritage & Culture 1

Learning Place-Making from the Bottom-up: Communities Contributing to Heritage Planning in Scotland
Eirini Gallou

Renovation of Church Ruins and Surrounding Environment: Take Ruins of the Cathedral of São Paulo in Macau and Ruins of the Carmo Convent in Lisbon As Examples
Pengyu Zhao

Rationale to Develop Guidelines for Inclusive Living Religious World Heritage Sites in India
Shweta Vardia
Rachna Khare

Sustainable Tourism Development through Cultural Landscape Approach – Case Study: Rayen, Kerman, Iran
Mehrnoosh Rahimian
Amirhossein Mirhosseini

Potentials of Industrial Heritage for Tourism in San Antonio: Conservation for Sustainable Development
Sebnem Hoskara

6 MetroTech Center - Room 204

Evidence Based Design 2

The New Super Heroes: Using CPT-ED, Placemaking, Charrettes, and Participatory Research to Fight Crime
Linda Nubani
Holly Madill

Sustainable Design Advocacy through the Workflow Patterns in the Architectural Firms
Hoda Barzegar Ganji

Design Thinking and the Research Application Problem
Amin Mojtahedi

Architecture As Agent for Change: Public Interest Design in the Architecture Studio
Erika Zekos

Grants, Transdisciplinary Collaborations, Community Partners, and Interior Design Students
Christiana Lafazani

Full Schedule

Thursday, May 23, 2019

9:00 AM – 7:00 PM

Book Display

5 MetroTech Center - Dibner Library

9:30 AM – 10:45 AM

Digital Media Shorts

6 MetroTech Center - Room 215

The Sidewalk Ballet through the Eyes of the User
James Simpson

Mapping Biometric Signals to Support Spatial Design
Arlene Ducao

Artificial Intelligence-Based Image Analysis of Natural Elements Present in Social Spaces on the University of California, Irvine Campus
Miryha Gould Runnerstrom

"Sunlight Forest": Designing an Inter-Generational Community in Japan
Hao Huang
Liang Zhao

Imagining the Future of Downtown Watertown
Fang Xu

Affect As Artifact: The (dis/re)Embodiment of Trauma
Natalie M. Leonard

10:00 AM – 11:15 AM

Individual Presentations

6 MetroTech Center - Room 200

Sustainable Lifestyles 11

Clinic Design for at-Risk Consumers: A Mixed Methods Pre- and Post-Occupancy Study
Nicholas Watkins
Elissa Rana Mojtahedi
Erica Levine

One World Placemaking: Towards a Socially Inclusive Public Realm in Utica, NY
Paula Hurley Horrigan

People and Place: Understanding Social Dimensions of Resilience in the Climate-Adaptive Design Studio
Graham H. Smith
The Emergence and Status of Co-housing across North America
Jane Louise Nichols

6 MetroTech Center - Room 201

Environmental Infrastructure 2

Low-Cost for High-Diversity: Assessing the Ecological and Economic Benefits of Less-Manicured Greenery
Yun Hye Hye Hwang

Ddream: Deep Decarbonization and Renewable Energy in the Appalachian Mountains: A Socio-Ecological Systems Approach to Evaluating Ecological Governance.
Stephen P Mainzer

Socio-Ecological Urban Development for Genesee Riverfront in High Falls Area of Rochester, NY.
Shagha Shahhosseini

Graindrop
Sukruti Gupta

Urban Trees As Urban Resilience: A Design Scenario Informs Urban Tree Planting Preferences
Nora Davis

6 MetroTech Center - Room 473

Design & Advocacy 3

Health and Wellbeing Outcome Measures in Environmental Design Research: A Critical Review
Jung-hye Shin
Samuel Dennis

Examining Links between Perception of Environmental Change and Well Being: A Pilot Study in China
Ying Xu

Smart Community Mapping Exercise - Safeguarding Health and Well-Being Via Participatory Mapping
Eleni Tracada

Understanding Health in Multifamily Development: Exploring the Conceptualization and Implementation of Health Strategies in Market-Rate

Multifamily Projects
Traci Rose Rider

Use and Activity Levels of a Green Space Area - an Intersectoral Public Health Intervention in Malvik, Norway.
Kirsti Sarheim Anthun

6 MetroTech Center - Room 474

Sustainable Lifestyles 3

The Impact of Urban Form Configuration on the Urban Heat Island: The Case Study of Buraydah, Saudi Arabia
Ahmed Bindajam

Sustainable Development Goals (SDGs) to Support the Design of Buildings – a Case Study for the Design of a Net-Zero Energy Interpretation Center for Uqrop in Quebec, Canada
Sherif Goubran

Life Building Exchange (LIFEBUILDINGX): Investigating the Intersection of Pro-Environmental Behavior, Place Meaning, and High-Performance Design in Residential Buildings and Communities.
Julia A. Kriegh

Application of Technology in Mitigating Future Environmental Impacts in Rapidly Growing Urban Areas: An Investigation of the Urban Heat Island Effect in Downtown Austin, Texas
Niloufar Karimipour

Barriers to Zero-H: A Project for NET-Zero Homes on Tribal Reservations
Malini Srivastava

6 MetroTech Center - Room 674

Place Making 5

Is 'moving up' Really 'moving up'? Using Lived Experiences to Evaluate Slum Redevelopment Policy in India
Uchita Vaid

The Urbanism of Chinese Urban Villages: Architectural Exhibitions and Interventions Becoming More Sustainable Approaches of Urban Development?
Jieqiong WANG

Full Schedule

Thursday, May 23, 2019

The Invisible Order of Appropriations of Urban Public Space in Vietnam and Taiwan

Te-Sheng Huang

Equitable Revitalization in Traditionally Marginalized Communities

Tera Williams

The Role of Precinct Typology in Community Building and Placemaking: An Evidence-Based Study in Singapore's Public Housing

Keng Hua Chong

6 MetroTech Center - Room 475

Place Making 4

Social Trails and Environmental Messaging in a Neighborhood Context

Stacey Schulte

The Exhibition As a Tool in the Participatory Urban Micro-Regeneration: The Case of Puntoon Community in Guangzhou, China

Pengyu Zhao

Typographic Taxonomy of Neighborhood Signs and Sense of Place

Muhammad Nafisur Rahman

Supporting Local Social Connection for Residents of Large Apartment Complexes: Implications for Design, Management and Governance

Sian E. L. Thompson

Urban Typography As Artifacts: Activating Collective Memory in Dhaka

Muhammad Nafisur Rahman

6 MetroTech Center - Room 211

Resilience 2

Designing Streets for Kids

Annie Peyton

Sensory Wellbeing Hub: The Efficacy of a Sensory Room for Diverse Learners with Developmental Disabilities

Giyoung Park

Housing and Neighborhood Environment and Children's Independent Mobility: A Pilot Study and Test-Retest Reliability of an Instrument

Lingyi Qiu

From the Bottom-up: The Participatory Intergenerational Assessment of Neighborhood Conditions for Children

Roger Hart

Pamela Wridt

Youth-Oriented Design: A Multidisciplinary Approach to the Design of Juvenile Detention Facilities

Barb Toews

6 MetroTech Center - Room 205

Place Making 3

Qualitative Research on Place Identity and Place Issues in Lili, Suzhou, a Historic Canal Town in China

Xiaoxin Zhao

Sustainable Framework for Preserving Traditional Settlements in Jordan: The "Mountain Village" As a Case Study

Salam Adaileh

Bushra Obeidat

A Socio-Spatial Framework for Assessing Community Well Being through Engagement with Heritage Infrastructure

Eirini Gallou

Redefining an Ancient Trail in Delphi: A Contemporary Design Narrative

Anna-Maria Visilia

Building Sense of Belonging and National Identity in Bulgaria through Architecture of 20th Century

Petya Stefanoff

6 MetroTech Center - Room 203

Evidence Based Design 3

Contested Space in the Nebinger Public Elementary (k-8) School EPA Stormwater Rain Garden and Outdoor Classroom

Bambi Yost

Biophilic Interior Design: The Creation and Testing of an Interior Design Specific Language

Beth McGee

Nam-kyu Park

Tailor-Made: Exploring Adaptive Design in Interiors through Apparel

Barbara Laskey Weinreich

The State of Universal Design in Interior Design Curricula

Beth Tauke

Eric Dolph

5 MetroTech Center - Pfizer Auditorium

Evidence Based Design 4

Arpp: An Augmented Reality Participatory Platform to Engage Disadvantaged Communities in Building Walkable Neighborhoods

Saeed Ahmadi Oloonabadi

Developing a Systems-Based Observation Toolkit for Evaluating High-Fidelity Scenario-Based Simulation Testing in or Environments

Deborah Wingler

Herminia Machry

Gains in the Reliability of Landscape Simulations Due to Greater Realism or Dynamic Exploration? Differences between Designers and Non-Designers

Robert Ribe

Increasing Confidence in Home Modifications for Aging in Place Using Architectural Visualization Technology

Denise McAllister Wilder

6 MetroTech Center - Room 202

Urban Sustainability 1

Research on the Regeneration of Urban Waterfront Industrial Zone Based on Place-Making—a Case Study of Yangpu Waterfront Public Space Development of Huangpu River in Shanghai, China

Xia Liu

Exploring Al-Za'Atari Refugee Camp: Developing Social Resilience and Equity through Design

Abdulrahman Alraddadi

Celen Pasalar

The Social Construction of Air Pollution in Shanghai

Kristen Day

Impacts on Community Residents Downwind of a Major Pollution Source

Michael R. Edelstein

Full Schedule

Thursday, May 23, 2019

11:15 AM – 12:15 PM

Keynote

5 MetroTech Center – Pfizer Auditorium

From Jane Jacobs to Liveable Cities

Jan Gehl

New Parkland Hospital Facility Evaluation
Jeri Brittin

The Impact of Lighting, Noise, and Design on a NICU Environment
Terri Zborowsky

Evaluation of New Nebraska Community Hospital Facilities
Francesca Jimenez

Evaluation of Higher Education Science Laboratory Learning Environments
Francesca Jimenez

The Psychological and Social Benefits of Interacting with Nature in Educational Settings
Sabine Pirchio

Social Innovation Strategies for the Design of Resilient Spaces in the Social Sector in NYC
Kiaras Gharabaghi

Risk, Community Resilience and Sustainable Lifestyles
Ricardo Garcia Mira

The Role of Workplaces in Encouraging Everyday Environmental Decisions: The Case of Food
Tony Craig

1:45 PM – 3:15 PM

2019 CORE Recipient Presentations

6 MetroTech Center - Room 215

Investigating the Impact of Multisensory Environments for People with Dementia
Lesa N Lorusso

Sensory Wellbeing for Adolescents with Developmental Disorders: Creating (and testing) a Sensory Wellbeing Hub
Giyoung Park

Life Building Exchange: Investigating the Intersection of Pro-Environmental Behavior, Place Meaning, and High-Performance Design
Julia A Kriegh

Investing in Our Future: The Impact of School Modernization
Heather Jauregui

Good Design Is Good for Loyalty: Findings and Implications from a Multi-Hospital Inpatient Room Post-Occupancy Evaluation
Travis Tyson

Designing for Extremes: Using Techno-Ethnography and Immersive Empathy to Shape Inclusive Architecture
Amin Mojtahedi

Process-Led ICU Design: Applying Discrete-Event Simulation and Process Improvement to Measure ICU Design Performance
Alice Gittler

6 MetroTech Center - Room 200

Engaged Methods: Exploring the Methodological Edges of Environmental Psychology

From Constituency Analysis, through REAP to Tess: A Life History of Engaged Methods
Setha Low

Race, Resistance and Gentrification: Fighting to Stay in Place
Erin Lilli

Qualitative Methods in the Emerging Smart City: Big Data Versus Deep Data
Troy Simpson

Park Renovations, Neighborhood Change and Identities: A Case Study in New York City
Javier E. Otero Pena

Learning in Informal Spaces in Higher Education: A Pilot Project of an Interdisciplinary Research Model at an Urban Campus
Eve Klein

6 MetroTech Center - Room 474

Changing yourself or changing the environment? The role of positive environments to enhance resilience and sustainability

Enhancing Generosity and Individual Resilience. the Role of Positive Environments for the Development of Caring Communities
Christoph Steinebach

6 MetroTech Center - Room 205

The Role of Physical Environment in Violence Prevention in Healthcare Settings

Violence Prevention through Environmental Design: Enabling Secure, Preserve, Fight Active Shooter Strategy through Design
Linda Nubani

Security Implications of ED Physical Design
Debajyoti Pati

Impact of the Built Environment on Staff Security in Mental and Behavioral Health EDs
Mardelle McCuskey Shepley

Security at the Time of Disaster: Design Solutions for Surge Capacity Improvement and Violence Reduction in Emergency Departments
Shabboo Valipoor

Investigating the Impact of the Physical Environment of Healthcare Settings on Staff Security: A Systematic Review
Soheyla Mohammadigorji

Full Schedule

Thursday, May 23, 2019

6 MetroTech Center - Room 475

A Counter Topography for the Just City

"Heavy Surveillance": State-Sanctioned Slow and Spectacular Violence in Gentrifying NYC
Caitlin Cahill

Contested City: Collaboration and Change at the Seward Park Urban Renewal Area
Gabrielle Bendiner-Viani

Networking, Commoning, and Bridging: Learning from New Social Start-ups in Taipei
Jeffrey Hou

West Side Stories: Situating the Settlement House in 'Smart' Urban Design
Gregory T. Donovan

Workshops

5 MetroTech Center – Pfizer Auditorium

Children, Youth and their Environments: The Past, Present and Future of CYE Research

Janet Loebach
Kate Bishop

6 MetroTech Center - Room 201

Correctional Environments - Harm or Heal?

Jay Farbstein
Melissa Farling
Craig Haney
Eve Edelstein

6 MetroTech Center - Room 202

Programming to Link Sustainable Priorities to STEM and Makerspaces

Bonnie Sanborn
Shona O'Dea

Researcher/Practitioner

6 MetroTech Center - Room 203

Designing a 23-acre Walkable Urban Village to Promote Healthy Aging in Japan: A Cross-disciplinary Collaboration

Susan Rodiek
Kenshi Nishino
Chanam Lee
Jiajing Li
Sungmin Lee

3:15 PM – 4:15 PM

Posters

6 MetroTech Center - 2nd Flr Halls

The Spatial & Temporal Analysis for Crime Prevention through Environmental Design(CPTED): The Residential Burglary
Tzuhui Angie Tseng

Introducing Sustainable Design Solutions to a Healthcare Facility in Texas
Sheema Nemati
Daniah Ashoor

Proposing a New Clinic Service and Facility Design through Evidence-Based Design Framework
Jinoh Park

The Effect of Creative Design on Consumer Behavior: A Study on Designing Window Displays in Retail Environments:
Md. Azizul Islam

Sensitive Social Sustainability : Community Building through Social Infrastructure
Shilpa Bakshi Chandawarkar

Towards Social Sustainability: The Impact of Social Interactions in Public Opens Spaces in Multi-Cultural Cities
Hessam Ghamari

The Relationship between Complexity, Preference and Restorative Potential of Interiors
Aybuke Geyik

Awareness of Urban Sustainability Among the Undergraduate Students at Oklahoma State University
Md. Azizul Islam

Designing for Generalized Anxiety Disorder: Interior Design Considerations and Guidelines for Future Research
Ashley Rose Marino

Recreational Areas for People with Alzheimer's and Dementia
Victoria Wilson

Influence of Spatial Organization of Museums on Viewer's Physiological States
Dukwoo Kim

Evaluation of Indoor Kitchen Terrace on a Dementia Floor in an Assisted Living – an Improvement Project Collaborated with Care Staffs and University Students
Kazuhiko Mori

A Visual Comparison of Four Systems: LEED-Nd; One Planet Living, Living Building Challenge and Aarp's Livable Communities
Jane Louise Nichols

Young People and Mobile Place Attachment - a Metro Dance Station
Alejandra Sandoval

Sources of Psycho-Environmental Stress in Primary Caregivers of Children with Chronic Diseases
Xochitl Santos-Vega

Applying Biophilic Design to Eliminate Nature Deficit in the Aging and Urban Communities
Susan Booher

Influencing Factors for Desire to Age-in-Place: Older Adults' Perceptions on Interior Design and Home Modifications.
Gabriela Pereira

Spatial Concepts of Special Care Units for Patients with Dementia in Acute Care Hospitals
Julia Kirch

Methodological Features for the Assessment of Community Resilience for the Case of Volcanic Eruption
Isabel Estrela Estrela Rego

Developing Design Habits for Encouraging the Next Generation of Designers.
Charleston Yi

Full Schedule

Thursday, May 23, 2019

3:15 PM – 4:15 PM

Posters

From Parcels to Parks: Combining GIS, Community Engagement and the Design Process to Guide Park Development in Rio Rico, Arizona
Jennifer Moscato

Perceived Differences of Interior Lighting between Real and VR Environments
Xu Jin

A Study of Children's Behavioral Characteristics in the Adventure Playground
Miyu Saito

Are Housing Quality and Family Dynamics Associated with Maternal Mental Health?
Jeyon Kim

The Inclusive City Tool: Urbanism from a Gender Perspective in Barcelona
Ana Paricio

The Integration of Design Thinking and Synergies of Climate Change Adaptation and Mitigation in Urban Planning Projects
Farzaneh Khayat

Designed for Death: Using Research to Prevent Bird Strikes on Campus Windows
Barbara Brown

Case Studies of "School Complex" within the Community in Japan : Place-Making Collaborations between Public Elementary School and Community Facilities
Aya Umezu

Environment for Reading Outdoors Using 'mobile Bookshelf' in Japan
Shigeyuki Ajsaka

A House for Lifelong Living: An Evidence-Based Design That Supports Aging in Place and Sub-Acute Care Delivery
Seyedehnastaran Hashemi
Ashley Rose Marino

Independent Stability in a Group Care Unit As an Organized Environmental Recognition Formed By the Clear Territoriality of Elderly with Dementia
Yayoi Kobayashi

Validation of the Psychological Restoration Scale in the Mexican Population
Maricela Irepan-Aguilar

The Impact of Controlled Access to Design Studios on Place Attachment and Territoriality
Hande Burcu Deniz

Co-Housing Choices As a Collective Path Towards Sustainable Energy Transitions: Results of a Case Study Analysis Conducted in Italy within the EU-Funded Echoes Project
Giuseppe Carrus

"Sustainability across Contexts" How "Tiny Houses" Affect Sustainability, Health Behaviors, & Lifestyle Attitudes
Matthew Lunde

Agri-Urbanism: A Study of Urban/Sub-Urban Morphology
Martin Gold

C Sharp: Examining Person-Environment Relationships in Arts Performance Settings with People Who Have Dementia
Laura Healey Malinin

Revitalizing Asia's Richest Street Market : An Environmental Behaviour Study of Khan Market, New Delhi, India
Megha Bhatnagar

The Potentials of Real-Time Human Behavior Data for Building Performance Simulation and Building System Operation
JeeEun Lee

3:45 PM – 5:00 PM

EDRA at 50: Looking Forward, Looking Back

5 MetroTech Center - Pfizer Auditorium

EDRA @ 50 — Issues & Institutions I

Exploring the Past as a Bridge to the Future: AIANY Social Science and Architecture Committee
Eve Klein
Melissa Marsh

The Seventy-Year Legacy of Environment Behavior Studies at the University of Kansas: The Importance of Place and Place Making in the Midwest
Hui Cai

Human Behavioral Factors That Shape Urban Physical Infrastructure Services
Rae Zimmerman

Design for Active Living in and Around Buildings: Look Back and Look Forward Using Workplace and School As Examples
Xuemei Zhu

Workshops

6 MetroTech Center - Room 205

Rikers Island and L.A. Men's Central - Humanizing "Mega-Jails" in New York and Los Angeles

Rich Wener
Jay Farbstein
Ken Ricci
Margaret Castillo
Dana Kaplan

6 MetroTech Center - Room 474

Emergent Strategies: Collectively envisioning Environmental Psychology for the next 50 years

Do Lee
Caitlin Cahill
Deshonay Dozier
Jourdan Sayers
David Chapin
Jennifer Pipitone
Bryce DuBois
Kristen Hackett
William Mangold
Gabrielle Bendiner-Viani

6 MetroTech Center - Room 201

"A New Life Forms" When a Museum Becomes a Center for Free Thought

Della Baeza
Franny Kent
Howard Bryant
Suzanne Musho

Full Schedule

Thursday, May 23, 2019

6 MetroTech Center - Room 475

University of the future

Petra Schweizer-Ries
Aaron Kadoch
Robert Marans
Jennifer Senick

6 MetroTech Center - Room 202

Changing Senses of Place: Navigating Global Challenges

Lynne Manzo
Daniel Williams
Christopher Raymond
Andres Di Masso
Richard Stedman

Individual Presentations

6 MetroTech Center - Room 203

Sustainable Lifestyles 4

Tracking Physical Development: The Spatiality of Everyday Commuting Behavior in the UAE
Sahera Bleibleh

Reveal the Urban Waterfront Visiting Experiences By mapping the views and Attractions through Instagram Data
Bo Zhang

Workplace Relocation of 10'000 Workers in Metropolitan Area: Following Evolution of Daily Mobility Patterns According to Mobility Perceptions and Identities
Sébastien Lord

Placing Atmosphere: Designing with a Client's Perception of Atmosphere in Mind in Architecture and Urban Design
Philip J Speranza

Symposia

6 MetroTech Center - Room 473

Stress and the Environment: The National September 11th Memorial, the Dental Office, and the Design Studio

Stress and the City: Reactions to the National September 11th Memorial in New York City
Steffen Bradford West

Stress and the Dental Office: The Role of Waiting Room Design
Kennedy McKay

Stress and the Studio: Architecture Students and Teamwork
Kelly Tang

6 MetroTech Center - Room 215

IBPE Symposium – Building Performance Evaluation Research Projects and Case Studies from around the World

The Relevance of Building Performance Evaluation for Sustainable Buildings: A German Perspective on Practice, Research, and Teaching
Ulrich Schramm

Teaching BIM and B P E Using Problem-Based Learning (PBL) at Mie University, Japan
Akikazu Kato

Organizational Culture Assessment As Part of Building Programming
Martin Hodulak

Reconciling Apples with Oranges: Comparing the Performance of New and Retrofitted Green Buildings from Design to Post-Occupancy Evaluation
Ihab Elzeyadi

Boreal Builders: Exploring Sustainable Housing Design in Remote First Nation Communities through Participatory Planning and Training
Shauna Mallory-Hill

6 MetroTech Center - Room 674

Rethinking Cemeteries as Public Urban Green Space: Sustainability, Management, Design and Education

Collaborating to Confront Climate Change in Urban Grasslands: An Issue Driven Land-Grant University-Private Cemetery Partnership
Joseph Charap
Frank Rossi

Cemeteries as Sustainable Urban Green Space: Case Studies from the United States and Sweden
Ruth A Rae

Can a Cemetery Also be a Learning Facility?
Qing Lana Luo

6 MetroTech Center - Room 207

Post-disaster temporary housing design and planning: A symposium

Effect on Elderly Social Relations of Relocation during Recovery Process after Tohoku Earthquake
Mitoko Nakashima

Effects on Elderly Health of Post-Disaster Temporary Housing Location and Services: Case of Four Sites in Fukushima Prefecture
Toshie Koga

Distributed Location of Temporary Housing Sites in the Existing Community: A Case from the Kumamoto Earthquake
Akihiko Iwasa

Design and Planning of Post-Disaster Temporary Housing: Cultural and Lived Experience Aspects
Sanjoy Mazumdar

5:15 PM – 6:30 PM

EDRA at 50: Looking Forward, Looking Back

6 MetroTech Center - Room 203

EDRA @ 50 — Special Settings

Making Our Future Communities Green
Susan Booher

Early Comparative Office Configuration Statistical Study
Kevin Manning

Playing the Archive: Linking Children's Play of the Past with the Present and the Future
Helen Elizabeth Woolley

The Urban University: Exploring and Updating Harold Proshansky's Environmental Considerations
Laurie Hurson

Full Schedule

Thursday, May 23, 2019

Individual Presentations

6 MetroTech Center - Room 201

Place Making 7

Changing Views on Climate Change: Trends and Predictors Among Students at the University of Michigan (U-M)
Robert W Marans

Keeping It Green in Paradise: Green Roof & Living Wall Research
Andy Kaufman

College Student Well-Being and Campus Wellness Center Design
Kim Rollings

UCSF Mission Hall Activity Based Workspace (ABW) Evaluation
Jean D Wineman
Janice Barnes

Wisconsin Union Inclusion Study
Brian Schermer
Mahshid Jalalianhosseini

6 MetroTech Center - Room 202

Resilience 3

Designing Resilience in Asia. Designing the Unpredictable, Planning with Uncertainty.
Oscar Carracedo

Singapore's Sustainable and Liveable Urban Environment Under Focus. Lights and Shadows of the "City in a Garden"
Oscar Carracedo

Resilient Community Planning from Socio Spatial Practices of Communities at Risk: The Case of the San Ramon Fault in Santiago, Chile
Jorge Inzulza Contardo

Community Resilience in Post-Olympic Games Period: The True History behind the Blue Sky of Rio De Janeiro
Adriana Portella

Place, Community, Sustainability: Shifting Meanings of the Urban in Post-Maria Puerto Rico.
Rebio Diaz Cardona

6 MetroTech Center - Room 200

Place Making 6

Urban Nature and the Experience of Ultra-Orthodox Jews in Two Urban Parks in Israel
Tal Alon-Mozes

The Sacred Structure Study on a University Campus: A Case Study of Meijigakuin University.
Keiro Hattori

Place Attachment at a Buddhist Temple in Wisconsin: An Affective, Behavioral, and Cognitive Process
Hassnaa Mohammad
Kristín Thorleifsdóttir

Symposium

6 MetroTech Center - Room 211

Cultivating Public Space: urban agriculture as a basis of human flourishing and sustainability transition in contemporary cities

Towards a Capability Based Framework for Public Space Valuation
Beata Sirowy

Urban Agriculture and the Publicness of Public Space.
Melissa Murphy

Urban Agriculture and the Publicness of Public Space
Inger Lise Saglie

Urban Agriculture and the Publicness of Public Space
Beata Sirowy

Urban Agriculture in Norway: Key Actors, Motivations and Municipal Strategies
Ellen Marie Forsberg

Integration of Research and Education on Urban Agriculture through Action Research
Anna Marie Nicolaysen

Facilitating Urban Agriculture for Social Integration?
Melissa Murphy

Researcher/Practitioner

6 MetroTech Center - Room 674

Measuring the Impact of Activity-Based Classrooms on Student Performance

Nicholas Watkins
Gary Pavlechko
Nathan Cool

6 MetroTech Center - Room 215

Planning for Development Without Displacement through Equitable Transit-Oriented Development: South Central Corridor of Phoenix

Krista Shepherd
Petra Falcon
Krista Shepherd
Scott Bernstein

6 MetroTech Center - Room 473

Schola.ca: The challenges of trans-disciplinarity in the making of an expertise platform in school architecture

Carole Despres
Caroline Bérubé
Jean-Philippe Thérien
Claudie Rousseau
Dominique Dubuc
Caroline Bérubé
Anne Carrier

6 MetroTech Center - Room 205

From The 'Right to the City' to the 'Right to the Countryside': Designing Installations as an Urban Renovation Strategy

Cristina Murphy
Carla Brisotto

6 MetroTech Center - Room 475

The Hospital in the Urban Habitat: Achieving Livable Cities Leveraging Non Traditional Healthcare Partners and Population Health Management

Douglas King
Jingfen Guo

Full Schedule

Friday, May 24, 2019

5 MetroTech Center - Pfizer Auditorium

Covering Spaces and Places: Journalism and the Built Environment

Susan Drucker
Gary Gumpert
Susan Szenasy
Brian Lehrer

6:45 PM – 8:00 PM

EDRA at 50: Looking Forward, Looking Back

6 MetroTech Center - Makerspace reception included

EDRA @ 50 — Yesterday, Today, and Tomorrow

Dan Stokols
Sanjoy Mazumdar
Gary Evans
Henry Sanoff
Karen Franck
Susan Saegert
Kathryn H. Anthony

8:15 AM – 9:30 AM

Friday, May 24, 2019

Individual Presentations

6 MetroTech Center - Room 201

Design & Advocacy 5

Design Experience, Experience Design: Results and Implications from a Multi-Hospital Post-Occupancy Evaluation
Nicholas Watkins

The Relationship between Direct Contact Care and Common Spaces in Nursing Homes in Relation to Caring for the Severe Symptomatic Residents
Yukako Tanimoto

The Benefits of Brief Exposures to Urban Nature for Healthcare Workers
Fatemeh Saeidi-Rizi

Exploring the Relationship between Access to Nature Views and Nurse Burnout
Sahar Mihandoust

6 MetroTech Center - Room 204

Evidence Based Design 6

Environmental Response and Learning Environments: How Teachers' Environmental Dispositions Influence Their Classroom Design Preferences and Use of Space?
Ece Altinbasak Haklidir

Motivational Strategies: Understanding the Relationship between Teacher Attitudes, Behavioral Characteristics and Use of Classroom Space
Ece Altinbasak Haklidir

Landscapes for Experiential Learning: The Pedagogical Value of Student-Managed Spaces at UC Davis
A. Haven Kiers
David de la Pena

Examining How Childcare Licensing Regulations Promote or Hinder the Creation of High Quality Naturalized Outdoor Learning Environments
Daniel Jost
Robin Clive Moore

Better School for Improved Learning: Systematic Review on Impacts of School Physical Environment on Student Learning
Homa Pesarakli

6 MetroTech Center - Room 207

Place Making 8

Cultural Heritage and Contamination: Reclaiming Personal and Community Narratives
Anita Bakshi

Toward Culturally Enriched Communities – Building Design and Policy Partnerships to Address Disparities and Inequality
Tasoulla Hadjiyanni

Theory of Place in Public Space
Mark Del Aguila

The Power of Collective Imagination: A Driver of Sustainable Lifestyles and Behavior
Ashrita Shetty

Generating Productive Collisions: Extending Social Impact Organizations Expertise into Public Space Engagement
Jackson Chabot

6 MetroTech Center - Room 200

Design & Advocacy 4

Effects of 'Good Urban Design' on Social Sustainability: A Survey Study in UK Neighborhoods
Derya Oktay

Positioning the Theory on Sound Environment and Their Possibilities in Urban Design Practice
Banu Çiçek Tülü

Is a Noisy City Sustainable?
Antonella Radicchi

Multisensory Research: Why Our Senses Should Guide Design
Melissa Marsh
Sarah Wilen

Soundscapes in Public Open Spaces: The Case of Washington Square Par
Chathurthi Subiksha De Silva

6 MetroTech Center - Room 203

Evidence Based Design 5

Context and Embellishments for a Solar Photovoltaic Pattern Language
Kirk Dimond

The Shading Impact of Vegetation on the Energy Demand of a Typical Saudi House: A Parametric Study
Sarah Ali Alghamdi

Effects of LED Lighting Color on Emotional States, Behavioral Response, and Spatial Impression
Heejin Lee

Investigating the Visual Interest and Mood Response to Light Patterns in Architectural Renderings
Belal Abboushi
Ihab Elzeyadi

The Impact of Proximity to Window on Satisfaction with Indoor Environmental Quality
Suyeon Bae

Full Schedule

Friday, May 24, 2019

6 MetroTech Center - Room 215

Resilience 4

Rooted in the Earth, Rooted in the Community: The Meanings of Rural Dwellings Among Older Adults in Northern China

Yuanhong Ma
Jung-hye Shin

Building UK Age Friendly Cities and Communities from the Ground up: Older People on Intergenerational Perspectives

Judith Sixsmith

"You Really Do Become Invisible": Examining Older Adults' Rights to Urban Environments in the UK

Ryan Woolrych

Ageing in Place in a World of Inequalities: Exploring How Sense of Place Is Experienced By Older Adults from Different Social Classes through Photo Diaries.

Adriana Portella

Walking in the Neighborhood: An Experience with Older Adults

Celina Maria Britto Correa

6 MetroTech Center - Room 474

Place Making 10

The Future of Work? What We Can Learn from Startup Campuses, Incubators and Accelerators

Gabor Nagy

Factors Impacting the Use of Sit-Stand Desks in an Activity-Based Flexible Office: A Multi-Method Case Study

Zahra Zamani
Dawn Gum

Hacking a Community Makerspace: How Can We Promote Collaboration, Innovation and Efficiency of the Community Makerspace?

Milagros Zingoni

Designing for Collaboration in the Workplace

Lindsey Torpey

Coworking As an Emerging Urban Lifestyle: Location Analysis of Co-working Spaces in Manhattan, NYC

Yaoyi Zhou

6 MetroTech Center - Room 202

Environmental Infrastructure 3

Evaluating the Success of Public Space As Flood Infrastructure: An Analysis of Resilience in Two Parks Post-Hurricane

Anya Domlesky

The Role of Place Attachment in Sustaining Urban Green Space

Robert L. Ryan

Brooklyn Bridge Park: Lessons (So Far!) in Designed Ecology

Rebecca McMackin

Strengthening Social and Physical Connections with Green Infrastructure

Tobiah Adams Horton

Urban Linear Green Infrastructure Development through Sustainable Urban Landscape Approach – Case Study: Isfahan, Iran

Mehrnoosh Rahimian

6 MetroTech Center - Room 475

Sustainable Lifestyles 5

Envisioning the Future of Our Cities: Mobilizing Community Decision-Making with the Anchoring Effect

Courtney Crosson

The Citizen-Architect: Solving Long Term Challenges to Decentralized Infrastructure By Educating the Next Generation

Courtney Crosson

Let's Build Together: A Capacity Building Framework for Equitable Placemaking

Jennifer Goold

Children's Physical Activity in Playgrounds in Low-Income Communities

Claudia Alberico

Resilience: Is It the Most Adequate Tool to Fill in the System Blanks?

Antonietta Castro-Cosio

6 MetroTech Center - Room 211

Place Making 9

Well-Being and Sustainability in Cold Climate Schools

Melanie Watchman

Place Attachment in Quebec's Primary Schools Classrooms: The Contribution of Reading and Documentation Spaces

Claudie Rousseau

The Research and Development of a Malawian Early Childhood Development Center

Michelle Pearson

Creating Places in Open Plan Spaces. Designing Early Childhood Learning Centers for Engagement

Peter C Lippman

MaryAnn Sorensen Allacci

Integrating Virtual and Physical Spaces for the Built Learning Environment

Renae N Mantooth

Payod Panda

6 MetroTech Center - Room 205

Evidence Based Design 7

Future Model for Pediatric ICU (PICU) Patient Room: Optimize Care Delivery in Terms of Staff Efficiency By Design

Yuqian Lu

Mobility-Supporting Rehabilitation Clinics: Architectural Barriers and Facilitators to Mobility of Stroke Patients

Maja Kevdzija

Dementia-Friendly Acute Care Environments: Approaches for Research and Design

Gesine Marquardt

Autonomy-Supportive Environments for People Living with Dementia: A Case Study of Two Dementia Residences

Jiajing Li

Impact of Spatial Design on Patients with Dementia in Special Care Units of Acute Care Hospitals

Julia Kirch

Full Schedule

Friday, May 24, 2019

8:30 AM – 11:30 AM

Mobile Sessions

6 MetroTech Center - Cafeteria and Makerspace Lobby

The Future of Food: Urban Rooftop Farming
Kristen Day

Green-Wood Cemetery: Sustainable Urban Green Space
Ruth A Rae

Crime Prevention and Community Engagement: Red Hook Community Justice Center
Richard Elliot Wener

Student-Designed Community Playgrounds: Trust for Public Land's NYC Playground Program
Tiffany Briery

9:00 AM – 7:00 PM

Book Display

5 MetroTech Center - Dibner Library

9:30 AM – 11:00 AM

Digital Media Shorts

6 MetroTech Center - Room 215

Controversy to Contemplation- Similarities and Contrasts in Two Architectural Landmarks in Kansas City
Haroon Sattar

A Sustainable Design for Long-Term Facilities "a Healthy Environment for Elderly"
Fares Alsaygh
Sahand Abbasi

Student Project Team Redesigns Student Union Place-Making Using Participatory Design
Bailey Erin Herbstreit
Mia DiMaio

Domestic Boundaries: Defining Space in Temporal Urban Interiors
Alyssa Kuhns

Grow a Garden...Grow a Community
Pamela Harwood

10:00 AM – 11:15 AM

Individual Presentations

6 MetroTech Center - Room 202

Heritage & Culture 3

Bridging Gowanus - Affordable Housing & Waterfront Access
Anita Bakshi

What Village Are You from? Understanding the Origins and Morphology of Informal Settlements in Ahmedabad, India.
Kali Marnane

Improving Social Sustainability in a Minority Neighborhood - the Case Study of Jolfa, Armenian Quarter in Isfahan
Carlotta Fontana

Environmental Design Foundations for Downtown Revitalization through Community Design Efforts: A Case of Williamsburg, KY
Jayoung Koo

6 MetroTech Center - Room 213

Urban Sustainability 2

What's Wrong with Suburban Sustainability? a Comparative Analysis of LEED™ Certified Offices in Different Urban Site Contexts
Ihab Elzeyadi
Belal Abboushi

Survey of Occupant Behaviour on the Energy Use in Turkish Dwellings
Elvan Elif Özdemir

What do persons mean by cold or warm? A qualitative approach to the ASHRAE-scale
Karin Schakib-Ekbatan

Design for Outdoor Thermal Comfort: Assessing the Perceptual Factors in the Experience of Heat in the Built Environment
Mohsen Garshasby Moakhar

Warehouse Adaptive Reuse for Building-Integrated Agriculture: High-Performance Building Retrofit Prototype Applying Building Performance Simulation
Sara Khorshidifard
Payman Sadeghi

6 MetroTech Center - Room 474

Sustainable Lifestyles 6

The Impact of Urban Greenspace in Reducing Violent Crime: A Systematic Literature Review
Mardelle McCuskey Shepley
Naomi Sachs

An Architectural Study on Breastfeeding in Public
Ayako Naka

Women's Work: Eco-Feminist Approaches to Sustainable Environmental Design
N. Claire Napawan
Ellen Burke

Bikes in a Ramp Park: 30 Years of DIY Place-Making and the Production of BMX Park Culture at Mullaly Bike Park in the Bronx, NYC
William Thomas Willoughby

Cruising Place: The Placemaking Practices of Men Who Have Sex with Men (MSM)
John Bezemes

6 MetroTech Center - Room 205

Place Making 11

Towards a Human-Centered Approach to Art Museum Design
Altaf Engineer

Laneways: Interior Design in the Urban Condition
Rebekah Radtke

Planning and Designing for Solitude in the City
Nancy Marshall

Barriers and Thresholds: The Lived and Material Dimensions of Urban Space
Christina - Donaldson

Interiority in the City
Liz Teston

Full Schedule

Friday, May 24, 2019

6 MetroTech Center - Room 200

Design & Advocacy 6

Building Processes and Operations for Sustainable Learning Environments at Compulsory Schools
Reiko Shimokura

Youth Participation in Planning and the Development of Competence for Environmental Action: A Multiple Case Study of the Great Outdoors Colorado Inspire Initiative
Rebecca Colbert

The "Situational Context" for Changing Environmental Knowledge and Behaviors: A Pre and Post Occupancy Evaluation of a Green School Building
Laura Brianna Cole

Erin Miller Hamilton

The Living Lab: A Design Framework
Giyoung Park

Creative City Agenda Policy Adoption within Higher Education Campus Plans
Rebecca Kemper

6 MetroTech Center - Room 201

Environmental Infrastructure 4

Beyond the Centralized Paradigm: Retrofitting Cities with Decentralized Infrastructure for Sustainable Success
Courtney Crosson

When Big Data Meets Thick Data: Deriving Evidence-Based Urban Design Principles for High-Density Neighbourhood Public Spaces
Keng Hua Chong

Open Trash Lab: Improving Waste Management through Data Analytics and Public Participation
Nicholas E. Johnson

Sustainability through Urban Transformations – Recycling and Reusing Residual Spaces in Cities
Hemambika P

An Integrated Framework for Planning Successful Complete Streets Towards Sustainable Transportation
Sebnem Hoskara

6 MetroTech Center - Room 674

Place Making 12

What Can be Sustained from the Past: A Geometric Analysis of the Roman Hospitals
Suining Ding

Inspirations from Contrast Reading of Two College Town Communities in Shanghai: Place-Making Based on Environmental Behavior Method
Chen Qian

The Use of Faro Focus Laser Scanner: Preservation of Qatar Traditional Architectural Heritage
Cherif M. Amor

New Constructions in the Historical Context from the Perspective of Architectural Programming: Procedure and Practice
Zhang Qu
Chen Qian

Community Learning Environments for Millennials in College-Residence Hall: Evaluation of Three Case Studies.
Sharmin Kader

6 MetroTech Center - Room 211

Resilience 5

An Investigation of the Reality of Community-Building in Post-Yolanda Relocation Areas in Tacloban City, Philippines
Elizabeth Maly

A Sustainable Approach for Redevelopment in Capital City of India Case of Sarojni Nagar in New Delhi in India
Vikram Kohli

Co-Producing Resilience in Social Housing: A Brazilian Case
Simone Barbosa Villa

A Study on Disaster Resilient Community Development after the Great East Japan Earthquake
Miwako Kitamura

The Role of Place Attachment and Sense of Community in Evacuation Planning
Isabel Estrela Estrela Rego

6 MetroTech Center - Room 204

Evidence Based Design 9

Harnessing Technological Innovation for Truly Human Environments
Vedran Dzebic

A Framework Towards Quantifying Human Restorativeness in Virtual Built Environments
Zhengbo Zou

Calculating Space: A Design Framework Based on Behavior Mapping and Connectivity Measures
Yang Song
pai liu

Objective Measurements of Comfort: Daylight in Workplace
JeeEun Lee

The Influence of Humanizing the Building through Design and Function; An Observational Study
Dr. Fatma A Jobran

5 MetroTech Center - Pfizer Auditorium

Evidence Based Design 8

Service Learning in Design Education: The Ripple Effect
Claudia Bernasconi

Translating Research into Practice: Developing a or Design Tool to Support Evidence-Based Decision-Making between Multiple Stakeholders
Herminia Machry

Making Place: Design for Constructivist Learning
Ashley Tannebaum

Applying Gehl Methods and Participatory Design in Architecture Education
Anna Koosmann

History-Theory Case Studies: Bridging the Universal with the Local
Patrick Lee Lucas

Full Schedule

Friday, May 24, 2019

6 MetroTech Center - Room 475

"Coming to your senses" or "There is more to environmental design than the eye"

Susan Drucker
Gary Gumpert
Peter Hecht
Rich Wener
Thom Gencarelli,

11:15 AM – 12:15 PM

Special Session

5 MetroTech Center – Pfizer Auditorium

Advocacy as a Path to Stewardship

Dennis Johnson

Workshops

6 MetroTech Center - Room 202

Car-Free Day as a Strategy in Toward More Sustainable Cities

Rich Wener
Delphine Grinberg
Christophe Najdovski
Ydanis Rodriguez

6 MetroTech Center - Room 215

Your Research Toolkit - Open Discussion on Methods and Practice

Ellen Keable
Sally Augustin

1:00 PM – 2:00 PM

EDRA Member Meeting

6 MetroTech Center - Makerspace

2:00 PM – 2:45 PM

Researcher/Practitioner

6 MetroTech Center - Room 204

Innovative School Design for Engaged Learning: Evidence-based Design and Research through Practitioner-Researcher Collaborations

Xuemei Zhu
Diego Barrera

6 MetroTech Center - Room 202

Enhanced Wayfinding in Hospitals by Combining Experiential Graphic Design, Space Syntax, and Observations Methods

Elizabeth Griswold
Zahra Zamani

6 MetroTech Center - Room 211

Promoting Healthy Behavioral Outcomes in Childcare Centers Through Hands-on Fruit and Vegetable

Muntazar Monsur
Nilda Cosco

Workshop

6 MetroTech Center - Room 207

Urban Rhythms Flex experimental manipulation of shared psychosocial environment in Brooklyn style

Carl Belizaire
Alan Waxman

2:00 PM – 3:30 PM

Individual Presentations

5 MetroTech Center - Pfizer Auditorium

Design & Advocacy 7

Outdoor Environment Matters for Workers' Stress and Anxiety Status in the Sweatshop Factories: A Participatory Photograph Survey (PPS) Study
Bin Jiang

Feel Safe Enough? How Psychiatric Units Design Can Support Psychological Safety?

Sara Bayramzadeh

CO-Creation Process of a Healing Garden in a Children'S Healthcare Facility: Designing with Patients, Families and Staff in Santiago, Chile
Daniela Casanello Frisius

Factors of Social and Physical Environment for De-Institutionalization
Kyoungmee Kate Byun

Understanding Patient Experience during Extended Isolation: The Role of the Built Environment
Zorana Matic

Wellbeing in Prison Design: An Evidence-Based Design Guide and Poem for the British Ministry of Justice
Lily Bernheimer

Symposia

6 MetroTech Center - Room 215

Health Impact Assessment: Leveraging community expertise and empirical data to bring health to the decision-making table

Introduction to Health Impact Assessment

Kimberly Libman
Nisha Botchwey

Health Assessments in the Post-Truth Period

Ann Forsyth

Using Evidence to Bring Health and Equity into Decision-Making: A Health Impact Assessment to Inform

Full Schedule

Friday, May 24, 2019

Public Housing Redevelopment
Debarati Majumdar Narayan

Teaching Health Impact Assessment:
Linking Classroom to Community
Nancy M Wells
Sohyun Sarah Lee
Nisha Botchwey

The East Harlem Neighborhood Plan
Health Impact Assessment (HIA):
Reflections on the Process and Out-
comes of Integrating HIA with Com-
munity Planning in New York City
Kimberly Libman
Lindsey Realmuto

6 MetroTech Center - Room 205

**Reframing Research on Urban Mo-
bility and Wellbeing: new technolo-
gies, global contexts**

Real-Time Stress Responses in Out-
door Urban Settings
Jenny Jane Roe

Mobility, Environment, and Well-Be-
ing: Interactions between Place and
Walking in Three Cities in the Devel-
oping World
Andrew Mondschein

Assessing Statewide Active Travel
Infrastructure in Hawai'i: An Equity
and Policy Lens
Sara Jensen Carr

Safety By Design: Quantifying the
Impact of Urban Design on Traffic
Collision, Injury, and Fatality Rates
Mariela Alfonzo

Public Space and Pedestrian Stress
Perception: Insights from Germany
Martin Knöll

6 MetroTech Center - Room 474

**Negotiating Public Space in New
York City**

Street Fight: Food Delivery Cyclists
and Spatial Contestations
Do Lee

Negotiating the Use of New York
City's Shared Public Spaces
LinDa Saphan

Social Sustainability and Climate Ad-
aptation on the NYC Coast
Bryce DuBois

Mapping the Boundaries of Class,
Race, and Documentation Status in
New York City
Svetlana Jović
Jennifer Pipitone

Complementing Public Data with
Community Voice to Address Neigh-
borhood Needs
Bijan Kimiagar

Researcher/Practitioner

6 MetroTech Center - Room 201

**Laying the Groundwork for Dementia
Friendly City Centers: Communi-
ty Visioning and Outcomes**

Emily Roberts
Lorraine Hiatt
Nisha Fernando
Jennifer Senick
Jennifer Sodo
Jeffrey Anderzhon

6 MetroTech Center - Room 674

**Designing for academic success: A
collaborative research model be-
tween architects and environmental
psychologists in a STEM learning
environment**

Eleanor Luken
Eve Klein
Troy Simpson
Leigh Graham
Christopher Blaszcak-Boxe
Sara Grant
Marta Sanders

Workshop

6 MetroTech Center - Room 203

**Designing public spaces for young
people: Processes, practices and
policies for youth inclusion**

Janet Loebach
Adina Cox
Sarah Little
Patsy Owens

6 MetroTech Center - Room 200

Meet the Publishers

Karen Franck
Kate Schell
James Graham
Margaret Cummins
Fred Nachbaur

6 MetroTech Center - Room 475

Planning for AuthentiCITIES

Keiro Hattori
Jeffrey Hou
Shu-Mei Huang
Naka Matsumoto
Brettany Shannon
Vikas Mehta

2:45 PM – 3:30 PM

Researcher/Practitioner

6 MetroTech Center - Room 204

**Applying Behavioral Design to
Create Programs that Incentivize
Healthy and Sustainable Buildings**

Lydia Hoadley

Joel Kimmons
Joanna Frank

6 MetroTech Center - Room 207

**Accessible Cultural Institutions: Em-
powering people with disabilities
through participatory design**

Claire Kearney-Volpe
Peter Cobb

6 MetroTech Center - Room 202

**From Virtual Reality to Healthy
Workplaces: A Practitioner/Re-
searcher Collaboration**

Caitlin DeClercq
Melissa Jancourt
Jonathan Bartling

Full Schedule

Friday, May 24, 2019

2:00 PM – 5:30 PM

Mobile Sessions

6 MetroTech Center - Cafeteria and Makerspace Lobby

Indoor Privately Owned Public Spaces: How Public Are They?
Te-Sheng Huang

Memorials and Meaning: Design and Planning of the 9/11 Memorial and Museum
Kristen Day

New Ideas in Park Planning and Design: Brooklyn Bridge Park
Ruth Rae

3:15 PM – 4:15 PM

Posters

6 MetroTech Center - 2nd Flr Halls

Spatial Analysis of Building Indoor Environments Using 3D Isovist
Mahshid Jalalianhosseini

The Gowanus Link: Providing Open Space and Canal Access for the Residents of Wyckoff Gardens
Devin Fields

Restorative Potential of Hotel Lobbies: A Symbiotic Examination of Biophilic Design through Organized Complexity, and Attention Restoration Theory
Naz Bilgic

Capturing Hearts and Minds: A Critical Review of Heart Rate Variability Data and Its Utility in Environmental Design Research
Jung-hye Shin
Samuel Dennis

Assessing Building Design and Construction Suitability Against Water Consumption: Indian Scenario
Anoop KUMAR Sharma

Place-Making: Personal, Social and Cultural Meanings of Space in Coastal Defensive Villages, Weihai, China-a Case Study of Six Villages in Ningjinsuo Town
Xi Wang

Effects of Green Roof Treatment on Indoor Thermal Performance of Residential Buildings in Dhaka City
Anika Tabassum
Priyanka Baten

A New Conceptual Model for Active Aging and Built Environment

Preventing Chronic Violence with Urban Rhythms: Emotional Atmospheric Manipulation for Public Mental Health.
Alan Waxman

An Investigation on Transit-Oriented Developments (TODs) and Soundscapes
Yalcin Yildirim

Recycling Matters: Improving University Single Stream Recycling through Frequency, Placement, and Design Analysis
Carmen Wright

Vacant Land Assessment Tool for Community Garden
Gunwoo Kim

Using Clarifai to Analyze Natural Elements in Photographs of Social Environments on the University of California, Irvine Campus
Nik Warren
Miryha Gould Runnerstrom

Influence of Distance between Corner and Step on Gazing Pattern in Walking
Kota Suzuki

Design Study of Art Theater Housing for People with Intellectual Disabilities and Their Families
Chihiro Nishimura

Enhancing Student Engagement Utilizing Photo Elicitation: Students' Place Attachment in an Urban University, Tokyo, Japan
Miho Nishizaki

Characteristics of Communication Space of Korea Guest House Considering Foreign Travelers
Xiangning Yan

Investigating Food Justice and Social Sustainability Policy in Urban Agriculture
Arash Alborzi

Designing an Intergenerational Urban Village to Promote Healthy Aging in Place
Weiyi Zhou
Xin Xu

Walking and Place Attachment Images in Highly Dense Urban Areas
Alejandra Sandoval

School Design for Individuals with Autism Spectrum Disorder for Improving Independency
Elnaz Nahirafee

El Corazón • the Heart of Holyoke
Caryn J. Brause
Joseph Krupczynski
Clayton Beaudoin

Place-Making: Place Attachment Evaluation of Student Union Design Intervention Using Participatory Design
Bailey Erin Herbstreit

Teaching Environment-Behavior Studies through Concept Maps
Newton D'souza

Adaptive Reuse in Gunsan City, South Korea
Soyeon Lee

Acoustics in the Classroom: Accommodating Professors Who Are Hearing Impaired
Karen Keddy

Hudson Waterfront Community: A Model for Restorative Urban Housing
Allison Bennett

Between the Ephemeral and Permanent: Regeneration of Urban Spaces in Contexts of High Degree of Marginalization.
Mariana Maya
Carlos Cobreros

Survey of the Environment in Pension Institutions for Older Chinese
Tengfei Fan
Zhe Wang

Practical Study about Placemaking By Revitalization and Utilization of Vacant Houses Reflecting Local Architectural Culture
Daisaku Hayashida

The Effects of Glass Stairways on Stair Users: An Observational Study of Stairway Safety
Karen Kim

Full Schedule

Friday, May 24, 2019

Tackling Loneliness at the Workplace through Design
Danya Hakky

A Training Center for Bright Future: An Evidence-Based Design That Increases the Quality of Life of Adults with Autism
Seyedehnastaran Hashemi

Public Servers Profile Related to Urban Sustainable Mobility in Three Mexican Cities: Descriptive Analysis Relevant Psychological Features
Gerardo Escalona

3:45 PM – 4:45 PM

Workshops

6 MetroTech Center - Room 200

The Power of Predesign Visualization: How Unreal Engine Changes the Game through Real-Time Design Games

Fang Xu
Gregory Zens
Mitchell Woldt

6 MetroTech Center - Room 202

Cloud-Based Behavior Mapping: Exploring Latest Online GIS Technologies for Mapping Environment-Behavior Relationships

Muntazar Monsur
Robin Moore

Researcher/Practitioner

6 MetroTech Center - Room 201

Creating a Shared Vision: Change management, modeling, and evaluation in the move to a LEED Platinum community hub facility

Fang Xu

3:45 PM – 5:00 PM

Special Session

5 MetroTech Center - Pfizer Auditorium

Place-Based Observance: 400 Years of Inequality and Urban Sustainability

Mindy Fullilove
Tim Nottage
Jacqueline Castaneda
Aditi Nair

5:00 PM – 6:15 PM

Individual Presentations

6 MetroTech Center - Room 200

Sustainable Lifestyles 7

When Home Is Work: Boundaries and Negotiations in Family Child Care
Eleanor Luken

Redefining Recreation Centers: Assessing Students' Perceptions of a Center for Wellness
Amanda Gale

Design Considerations for Integrating Nature into Early Childhood Spaces
Lori Guerrero
Kristi Gaines

Exploring Taxonomies on Higher Education Campus: Supporting Parent-Students
Milagros Zingoni

Assessing an Early Childhood Architectural Module: Transitional Space for Play and Learning
Muntazar Monsur

Symposia

6 MetroTech Center - Room 211

Mid-century to High Performance: Designing the 21st Century Neighborhood

Designing the 21st Century Urban Neighborhood: Ecodistricts
Jill Sterrett

Designing the 21st Century Urban Neighborhood: Life-Cycle Assessment
Kate Simenon

Designing the 21st Century Urban Neighborhood: Passive House
Julia A. Kriegh

6 MetroTech Center - Room 474

Resilient By Engagement

Emerji
Sara Dean
Beth Ferguson

In It Together
Janette Kim
Alameda Creek Atlas
N. Claire Napawan

#Ourchangingclimate
Brett Snyder

6 MetroTech Center - Room 215

Research Supported by the EDRA Brill Urban Communication and Design Behavior Research Grant

The Role of Citizen Participation in Rightsizing Cities
Joongsub Kim

Full-Time Teleworkers Sensemaking Process for Informal Communication
Sheila Gobes-Ryan

Technologically Assisted Wayfinding
Paul Platosh

Communicating Sustainability in the Green Science Museum
Laura Brianna Cole

Full Schedule

Friday, May 24, 2019

6 MetroTech Center - Room 475

Pedestrian Plazas: A New Type of Public Space, A New Kind of Partnership

Community Involvement in the Creation of Pedestrian Plazas
Hanife Vardi Topal

Brooklyn Bridge Plaza Vision Plan: Addressing Opposing Views
Kristin Brown

Hillel Place Plaza; A Case Study of a New Public Plaza in Brooklyn
David Burney

Sitting in the City: Pedestrian Plazas in a Wider Context
Karen Franck

Researcher/Practitioner

6 MetroTech Center - Room 473

(Mis)alignment of Space and Use: Supporting the School Change Process

Raechel French
Taryn Kinney
Marilyn Denison
Wesley Imms

6 MetroTech Center - Room 205

Multimer @ HLW: A Pilot Study of Biometric Response to the Office Work Environment

Arlene Ducao
Peter Bacevice
Jason Chen

6 MetroTech Center - Room 202

Address Inequity in Food Accessibility through a Multi-phase Collaborative Study

Hui Cai
Renee Bryant
Lingling Li
Robin Liston, MPH, Preventive Medicine and Pu
Kim Kimminau

6 MetroTech Center - Room 674

Defining and Designing a Successful "Fourth Place"

Katherine Gluckselig
Rebecca Milne
Scott Fallick
Lindsay Fischer

Workshop

6 MetroTech Center - Room 201

To Green or Not to Green: Green gentrification and the colonization of sustainability planning and design in urban contexts

MaryAnn Sorensen Allacci
Winifred Curran
Alicia Grullon
Marz Saffore

7:30 PM – 10:30PM

Anniversary Banquet Cruise

Pier 40 West Village, New York City

Full Schedule

Saturday, May 25, 2019

8:15 AM – 9:30 AM

Individual Presentations

6 MetroTech Center - Room 474

Sustainable Lifestyles 8

Queering Comfort through Theories of Atmosphere
Andrea Susan Wheeler

Measuring the Added Value of Regenerative Architecture through the Problematic Example of the Aesthetic Dimension.
Andrea Susan Wheeler

Neoliberal Subjectivities: Identity Formation and the Significance of Place
Lyndsey Nichole Deaton

Culture, Electrification, and Design for Sustainability
Jonee Kulman Brigham

6 MetroTech Center - Room 205

Evidence Based Design 10

Predicting the Best Possible Outcomes By Using Mock-Ups: Research Evidence Implementation and Evaluation in Evidence-Based Design
Suining Ding

Evaluating a Post-Occupancy Evaluation App
Corey Schnobrich
Gwen Fuertes

Designing for Medical Teamwork: Evaluating Layout Characteristics for Supporting Team-Based Care in Mayo Clinic
Fatemeh Motamed Rastegar

6 MetroTech Center - Room 202

Heritage & Culture 4

Culture to Define a Built Form Morphology: A Traditional Bengali Household
M M Lekhon Alam

Culture and Nature in Conserving the Indigenous Water System of Rural China
Chuo Li

Hybrid Hanok Model of Modern Architecture and Traditional Hanok; Design Model and Evaluation Study
Seungkwang Shon

Dimensions of Meanings of a Kuwaiti Home
Fawaz Alshatti

6 MetroTech Center - Room 674

Urban Sustainability 3

Toward Sustainable Urban Development By Improving Healthy Environment, Economic Viability and Social Equity; A Study on the City of Abilene, KS
Shermineh Afsary

Ivanhoe Redux: The Importance of Interaction and Place in Growing Community
Marie-Alice L'Heureux

Settlement Houses and Neighborhood Houses: Placemaking of a Social Infrastructure in Milwaukee
Mania Taher

Place Identity and Pattern Language: Participatory Research to Envision and Contribute to the Sustainable Urban Future
Karen M. Steinmayer

6 MetroTech Center - Room 203

Evidence Based Design 11

Explanatory Model of Noise in Classrooms and Their Impact on Psychological Attributes
Cesáreo Estrada-Rodríguez
Patricia Ortega-Andeane

Activity-Based Flexible Office Versus Combi-Plan Office: Comparing Perceptions and Interactions between Two Office Work Environments
Zahra Zamani
Dawn Gum

Creating a Better Workplace: A Comparison between Open Vs. Closed Workspaces in Six Jordanian Offices Focusing on Communication Patterns
Owais Kattan
Bsmah Bany Muhammad

Noise Effects in Open-Plan Office for Researchers—a Pilot Study
Jiajing Li

6 MetroTech Center - Room 475

Resilience 6

Facility Related Barriers to Healthcare Access for Persons on the Autism Spectrum in West Virginia
John Christopher Haddox

Do We Want Another 'Kampung'? Using Q-Methodology to Interpret the Diverse Perspectives Around the Narrative of 'Kampung' or 'Village' for Singaporeans
Anupama Reddy Nallari

Aesthetic Perception of Building's Heights in Two Small Brazilian Coastal Cities
Fabiana Bugs Antocheviz

Designing Affordable Housing: Evaluating Award Winning Affordable Housing Developments in the United States
Cody R. Price

6 MetroTech Center - Room 473

Place Making 13

The Perception of Racialized Architectural Space As a Predictor for Architectural Meaning and Evaluation: An East Harlem Study
Todd Levon Brown

The Intersection of Social Density and Tenancy Duration in Affordable Housing
Christina Bollo

Map the Gap: Design Research for Eviction Prevention
Diana Nicholas

Survey of Residents' Satisfaction with Housing and Community Environments in Revitalized Urban Neighborhoods
Eun Young Kim

Privatizing Public Housing: The Black and White of It
Jacqueline Carmichael

Full Schedule

Saturday, May 25, 2019

6 MetroTech Center - Room 201

Design & Advocacy 8

Tree Sanctuaries As Urban Pioneers
Dietmar Straub

Anna Maria Thurmayr

Thinking about the Future of Cities:
Practices and Impacts of Collective
Gardens

Frederic Bally

Wood: The Good, the Bad and the
Ugly

Tim Keating

9:30 AM – 11:00 AM

Digital Media Shorts

6 MetroTech Center - Room 215

Town Branch Park: Sustaining Com-
munity through Planning and Design

Barbara of Young
Carolina Segura

The Study about the House That
Continue to be Attractive for a Long
Period of Time: An Analysis about a
Material Change Related to Aging

Ryota Yanase

Study on the Point Where Pedestri-
ans' Feelings Change

Tomoko Obama

Toward Pre-Disaster Resilience for
Multifamily Buildings

Katherine Michelle Gloede

The Quality of Microsystems and
Child Development.

Jose Antonio Campos-Gil

Resources to Build Resilient Commu-
nities

Debarati Majumdar Narayan

9:45 AM – 11:00 AM

6 MetroTech Center - Room 207

Individual Presentations: Abstract

Place Making 15

Towards a Culturally Inclusive Urban
Open Space Design: Placemaking in
San Francisco's Chinatown Plaza

Yiwei Huang

Making Decisions on the Public
Space: When Participants Decisions
Do Not Match with Their Perfor-
mance.

Ana Karinna Hidalgo

Espanola Healing Foods Oasis:
Indigenous Dryland Urban Farming
As Cultural-Ecological Catalyst for
Regeneration.

Christie Green

Place-Identity-Making for a Sustain-
able City

Aleya Abdel-Hadi

Heba Safey Eldeen

Commemoration, Accessibility, and
Efficiency: Using Two-Dimensional
Path of Travel Prediction Software for
Historic Veterans Cemetery Expan-
sions.

Dominic Fischer

9:45 AM – 11:00 AM

Individual Presentations

6 MetroTech Center - Room 204

Evidence Based Design 13

Participatory Design Strategies for
Equitable Environments

Rebekah Radtke

Inclusive Environmental Design for
Promoting Physical Activity of Low-In-
come Group

Si Zhang

Shing Wong Street Community Living
Room: A Toolkit of Community-Driven
Micro Open Space Design

Wei Ting Sheng

The Transformative Architecture of
Smart Cities

Joe Colistra

Urban Morphology and Lifestyles:
What You Were, What You Are and
What You See.

Michel Després

6 MetroTech Center - Room 475

Place Making 14

The Impact of Emerging Transpor-
tation Options for Older Adults and
People with Disabilities

Jordana Maisel

Brittany Perez

Streets Respond to Urban Environ-
ment Sustainability: Analysis Frame-
work of Physical Activity Based on
Theoretical Integration

Yu Sun

Streets with Different Levels of Per-
meability: An Analysis of Preferences
Regarding Aesthetics and As Places
to Live.

Antônio Tarcísio Reis

Environmental Renewal of Street
Spaces in the Southern Section of
Xi'an Mingcheng District

Weiping Zhang

6 MetroTech Center - Room 202

Environmental Infrastructure 5

Using Social Network Analysis As a
Tool to Analyze and Evaluate Implica-
tions of Water Distribution Network
Failure in Tampa, Florida

Noha Abdel-Mottaleb

The Health Effects of Blue and Green
Landscapes in Urban Spaces

Azadeh Lak

Differences in Urban Green Space
Uses and Qualities in Lower Versus
Higher Income Contexts: A Mixed
Methods Study in Québec, Canada

Kevin Bonnell

RE-Thinking RE-Development – Urban
Ecology, Green and Blue Infrastruc-
ture & Human Centered Design As a
Guiding Factor for the Urban De-
velopment. a Case of Sarojni Nagar,
New Delhi (India)

Vikram Kohli

Richa Rajee

Full Schedule

Saturday, May 25, 2019

6 MetroTech Center - Room 201

Design & Advocacy 9

The Virtual Shelf: A Feasibility Study on Self-Selected Imagery and in-Patient Experience in a Cancer Treatment Setting

John Christopher Haddox

Translating Research into Practice: Developing an Operating Room Design Tool to Support Evidence-Based Decision-Making between Multiple Stakeholders

Herminia Machry

The Impact of Daylight and Views on Post-Myocardial Infarction Patients in Cardiac ICUs

Roxana Jafarifiroozabadi

A Study on Operation Architectural Design and Planning of Single-Room PICU in JAPAN Children's Hospital

Kyohei Yamaguchi

6 MetroTech Center - Room 474

Evidence Based Design 12

Lessons from a Non-Domesticated Playground

Dietmar Straub

Secret Space: Children's Perspective of Secret Hiding Places

Sahand Abbasi

School-Oriented Urban Planning: Lessons from the Province of Quebec, Canada

Juan Torres

The Hidden Value of Desire Lines within Outdoor School Environments for Children's Physical Play Activities

Fatemeh Aminpour

How Designing a Child-Friendly Map Can Lead to a More Sustainable City

Mara Mintzer

6 MetroTech Center - Room 674

Sustainable Lifestyles 9

Perception of Urban Environments and Walkability: The Case of Six Neighbourhoods in Santiago, Chile

Marie Geraldine Herrmann-Lunecke

A Psychosocial Analysis of Citizens' Orientations Towards Sustainable Urban Mobility: Overview of Results from Ten Years of Research in Italy (and abroad)

Paola Passafaro

Effects of Street Characteristic on Perceived Walkability

Jack L. Nasar

Saleh Bokharaei

Which Green Space Are Easily Accessible for Pedestrians in a City?

Youngchul Kim

6 MetroTech Center - Room 473

Climate Change

Climate Justice Distribution and Public Attitudes Toward Climate Actions in USA

Chingwen Cheng

The Climate Resilience Roadmap – Bridging the Gap between Design and Research

Catherine Dubois

Environmental Stewardship: An Inquiry on Benchmarks and Blueprints

Thelma Lazo Flores

6 MetroTech Center - Room 205

Evidence Based Design 14

Understanding Visual Engagement with Street Edges through Mobile Eye-Tracking: Capturing, Comprehending, Communicating Towards Evidencing Change

James Simpson

Concrete Solutions to Counter Terrorism in Public Urban Spaces

Anna Maria Thurmayr

Effective Cutting Size of Corner Edge for Reducing Mental Stress Caused By Crossing Pedestrian

Wataru Kobayashi

How Does Awareness Affect the Use of Parks and Recreation Facilities and What Factors Affect Awareness?

Robby Layton

Teresa Penbrooke

6 MetroTech Center - Room 211

Place Making 16

Textures of Home

Lisa Phillips

"As Soon As They Realized That the Kale Was Ready to Eat It Was Gone": Gardening and Young Children's Self-Guided Learning and Environmental Engagement

Nicole Yantzi

How We Learn to See: Inclusive Sensory Experiences in Learning Environments

Niloufar Wakil

Symposium

6 MetroTech Center - Room 203

Bright Futures, Dark Futures: Envisioning the Consequences of Climate Change

Bright Futures, Dark Futures: Envisioning the Consequences of Climate Change

Sarah Lippmann

The Environments and Lifestyles of a Communist Future

Monica Waits

The Environments and Lifestyles of a Socialist Future

Lisa Patuskay

The Environments and Lifestyles of a Rentist Future

Ala Felemban

The Environments and Lifestyles of an Exterminist Future

Marie Mastrobattista

11:00 AM – 12:00 PM

Special Session

5 MetroTech Center - Pfizer Auditorium

Climate Action for Global Cities Now: The C40 Cities Approach and How Behavioral Research Can Support It

David Miller
Irina Feygina
Robert Gifford
Ricardo Garcia Mira
Lynda Scheekloth

11:00 AM – 12:15 PM

Symposia

6 MetroTech Center - Room 205

NICU Design: State of the Evidence and Implications for the Future

NICU Design: What's the Evidence?
Francesca Jimenez

NICU Design Assessment – Advocate Health Care
Renaë Rich

NICU Patient Outcomes – Parkland Hospital
Susan Puumala

6 MetroTech Center - Room 207

Developing Perspective: How to put Academia (and Life) in its Place

Defining Body Conscious Design
Galen Cranz

Transbodied Spaces
Tasoulla Hadjiyanni

Architecture, Culture, and Spirituality
Julio Bermudez

Getting to Defined By Design
Kathryn H. Anthony

EDRA at 50: Looking Forward, Looking Back

6 MetroTech Center - Room 203

EDRA @ 50 — Settings for People with Special Needs

50 Years (almost) of Research on and Evolution of Environments for People Living with Dementia
Maggie Calkins

Environmental Press: Revisiting the Concept in Current Research
Jennifer Adler

From a Chicken-Coop 'Retirement Home' in 1958 to Livable Communities through 2035

How the Aarp Continues to Enhance Seniors' Expectations and Opportunities for Housing and Civic Life
Jane Louise Nichols

"the Last Place" - a Retrospective Review of End-of-Life Environments from EDRA1 to EDRA50.
Sharmin Kader

Individual Presentations

6 MetroTech Center - Room 201

Evidence Based Design 15

Australia's First Purpose-Built, Transitional Housing Complex for Aboriginal and Torres Strait Islander People with Brain Injury: A Longitudinal Post-Occupancy Evaluation
Courtney J. Wright

Evolution of Access to Nature in Healthcare Environments
Sahar Mihandoust

View from the Field: An Adaptive Re-use Project with a Trauma-Informed Design Lens, to Benefit a Child-Abuse Intervention Center.
J. Davis Harte

Establishing a Conceptual Framework Predicting Occupant Satisfaction By Systematic Poes
Jinoh Park

Design with Culture: A Framework to Inform the Design and Research of Culturally Sensitive Care Environment
Pai Liu

6 MetroTech Center - Room 211

Design & Advocacy 10

The Impact of Visibility on in-Bed Length of Stay in Emergency Room
Shermineh Afsary

Impact of Built Environment on Situational Awareness in the ED: A Socio-Technical Approach to Improve Handoffs
Rutali Joshi

Research on Rehabilitation Space Design of Community Comprehensive Old-Age Service Facilities in Cold Cities Based on Supportive Design Theory
Dezhong Shang

Healthcare Facilities Resilience: Impact of Utility Interruptions during Natural Hazards
Samira Roostaie

Using an Iterative Design Process to Design Safer Working Environments: Lessons Learned from Biocontainment Unit
Maria Fernanda Wong Sala
Gabrielle Conrad Campiglia

Full Schedule

Saturday, May 25, 2019

1:00 PM – 2:15 PM

EDRA at 50: Looking Forward, Looking Back

6 MetroTech Center - Room 203

EDRA @ 50 — Methods & Approaches

Architectural Programming Study in Edra: History of Architectural Programming and the Future
Zhang Qu
Weimin Zhuang

Environmental Design Research Methods' Timeline: Where Are We Heading?
Ana Karinna Hidalgo

What's Wrong with Using Pictures of the Environment in Environmental Perception Research?
Harry Heft

Walking Together: The Need for a Common Path for Designers and Researchers
Carole Despres

From architectural psychology to environmental psychology: behavior, to cognition, to participatory design
David Stea

Individual Presentations

6 MetroTech Center - Room 205

Place Making 17

Fostering Healthy Learning Communities through Informal Spaces
Miyoung Hong
Erica DeFrain

Ethics and Aesthetics of 'Poor Art' in Landscape Design
Dietmar Straub

The Conditions for Design Creativity
Andrea Conti

6 MetroTech Center - Room 201

Place Making 18

A Retrospective Review of Student Housing Environments from EDRA1 to EDRA50.
Sharmin Kader

Library Space and High School Climate
Elke Altenburger

Practitioner Use of Environmental Autobiography for Library Buildings and Designs
Amy Beth

Place and Emotional Attachment to University Campuses: A Case Study
Noran M El Begarmy
Hisham S Gabr

New Learning in the Old Campus: How Should University Spaces Address 21st Century Skills?
Asha Kutty

Symposia

6 MetroTech Center - Room 473

Nature-based learning: Designing with nature to improve learning environments

Converging Evidence for Nature-Based Learning Outcomes: A Review of Recent Work and Recommendations to Advance Research
Michael Barnes

Thriving Outside: The Impact of Schoolyard Naturalizations on Students' Outdoor Activities and Attitudes Toward Nature
Janet Loebach

What Lives Under That Stone? Policy-Directed Action Research in Outdoor Play and Learning Environments in Childcare Centers
Robin Clive Moore

6 MetroTech Center - Room 673

EDRA-IAPS Symposium: Using Computer Simulations to Understand Sustainable Lifestyles and Behaviour.

Combining Empirical Social Science

and Computer Simulation Modelling to Help Understand Energy Efficiency Measures for Housing in Aberdeen
Tony Craig

Lessons Learned from Applications of Occupant Behavior Modeling
Clinton Andrews

How Can Computer Simulation be Useful in Informing Environmental Policy and Practice?
Ricardo Garcia Mira

The Application of Simulation and Visualisation in the Study of Sustainable Mobility
Richard Laing

The Humat: The Architecture for a Data Driven Simulation of Social Innovations.
Wander Jager

Workshops

6 MetroTech Center - Room 204

Doing Research: Personal Experiences, Preoccupations and Revelations

Karen Franck
Galen Cranz
Julia Robinson
Sanjoy Mazumdar

6 MetroTech Center - Room 211

Games & Community Engagement

Anna Rosenblum
Christine Mondor
Daniel Klein

6 MetroTech Center - Room 207

Participatory Community Design Research Methods with Vulnerable and Special Groups

Bambi Yost
Julie Stevens
Julia Badenhope
Jane Rongerude
Yibo Fan

Full Schedule

Saturday, May 25, 2019

Researcher/Practitioner

6 MetroTech Center - Room 475

The continuous learning cycle: A multi-phase post-occupancy evaluation

Hui Cai
Kent Spreckelmeyer
Michael Schnaare,
Ganesh Sathyan

1:30 PM – 2:15 PM

Researcher/Practitioner

6 MetroTech Center - Room 474

From Trauma Informed Care to Trauma Informed Design: The Integration of Research and Design for Permanent Supportive Housing

Christina Bollo
Amanda Donofrio

6 MetroTech Center - Room 215

Evolution of visual and physical access to nature in healthcare environments

Mahshad Kazemzadeh
Debajyoti Pati
Sahar Mihandoust

Workshop

6 MetroTech Center - Room 200

Behavioral Insights for Sustainability

Irina Feygina

2:00 PM – 5:30 PM

Mobile Sessions

6 MetroTech Center - Cafeteria and Makerspace Lobby

Gowanus Lowlands: Remaking a Superfund Site
Leah Ariel Wener

"The Yard" Adventure Playground, Governor's Island
David Holzman

Transformation: Streets for Cars to Pedestrian Plazas
Hanife Vardi Topal

2:15 PM – 3:00 PM

Researcher/Practitioner

6 MetroTech Center - Room 207

Investing In Our Future: How School Modernization Impacts Indoor Environmental Quality and Occupants

Emily Chmielewski
Heather Jauregui

6 MetroTech Center - Room 215

Evaluating User Experience in Clinical Waiting Areas Using Virtual Reality

Roxana Jafarifiroozabadi
Rutali Joshi
Anjali Joseph

6 MetroTech Center - Room 211

Using Evidence-based Design in the Workplace

Mary Segriff
Leslie Heitman

2:15 PM – 3:30 PM

Individual Presentations

6 MetroTech Center - Room 203

Resilience 7

Spatial Distributions and Use Patterns of User Groups in Urban Forest Parks: an Examination Utilizing GPS Tracker
Yujia Zhai

Collective Gardening: New Ways to Live the City and Contribution to Urban Planning
Frederic Bally

Governance and Community Building in Community Gardens
Kyunghee Kim

Urban Microscales - Site Responsive Art Interventions and Spontaneous Urban Vegetation
Frank Slegers

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

6 MetroTech Center - Room 202

Sustainable Lifestyles 10

Psychological Restoration As a Function of the Social Quality of an Encounter in Nature
Henk Staats

The Effect of Creative Design on Consumer Behavior: A Study on Designing Window Displays in Retail Environments.
Md. Azizul Islam

Using Functional Near-Infrared Spectroscopy (fNIR) to Understand Perceived Retail Crowding (PRC) in Retail Environments
Ekaterina Vladimirovna Korneva

Digital Automation for Storyboarding: A Computer-Aided Research Protocol for Studying Dynamic Vision in Urban Settings
Fang Xu

Full Schedule

Saturday, May 25, 2019

Exploring the Relationship between Window-Related Occupant Behaviors and Human Comfort in Buildings: Establishing Opportunities for Future Research
Helia Taheri

6 MetroTech Center - Room 473

Evidence Based Design 16

"We'Re Here for Them": Fostering Social Sustainability through Intergenerational Engagement in Parks
Debra Flanders Cushing

A Process-Oriented Model of Resident-Housing Congruence during Family Life Cycle
Elham Fallah

Survey on Lifelong Learning and Regional Collaboration in University Linked Continuing Care Retirement Community
Shota Tajima

Participatory Desing of an Outdoor Classroom and Play Area in Lagunillas Elementary School, Chile
Daniela Casanello Frisius

Participatory Mapping Conducted with Elderly People in the City of Pelotas / Brazil
Sirlene de Mello Sopeña

6 MetroTech Center - Room 201

Resilience 8

Sustainable Community Development: Self-Developed Housing Models
Niloufar Wakil

Repurposing Abandoned Shipping Containers - a Sustainable Approach to Homebuilding
Kijeong Jeon

Recycling Shipping Containers and Construction Waste As a Solution for Permanent Affordable Housing
Nancy Pham

6 MetroTech Center - Room 674

Place Making 19

A Pilot Method of Using Social Media Data to Map the Observation Patterns: Presenting Viewing Points and Being Viewed in Seattle Freeway Park
Yang Song
Bo Zhang

Place Making through Participatory Process: Revitalizing Parks and Playfields in Dhaka
Nayara Nuary Islam

Reactivating the Stanton Street SDR Park Building for Community Resilience
Keena Suh

A Sense of Place in Douglas Park: Exploring Relationships between Public Life, Place Relations, and the Politics of Place in an Urban Park
Asha Kutty

Symposia

6 MetroTech Center - Room 474

A Transactional Approach to the Concept of Place: Overcoming the Dualisms

Going Native: How the Environmental Psychology Pioneer Roger Barker Turned an Entire Kansas Town into a Laboratory of Human Behavior.
Ariel Sabar

Behavior Settings As Emergent Higher-Order Structures in Everyday Life
Harry Heft

Community: Difference, Conflict and Democracy within Standing Patterns of Behavior
Susan Saegert

The Transactional Nature of Place and Its Relevance for Social Justice
Valkiria Duran

Researcher/Practitioner

6 MetroTech Center - Room 475

Designing and Evaluating a Sustainable Office Environment to Support Employee Well-Being

Francesca Jimenez
Renaë Rich
Francesca Jimenez
Kent Bonner
Michelle DiPenti
Kaitlin Blakemore

Workshop

6 MetroTech Center - Room 205

Towards Humane Prisons: Worldwide Detention Through the Eyes of the International Committee of the Red Cross

Rich Wener
Rohan Lulham
Lucy Klippan
Robert Goble
Rod Miller
Vincent Ballon
Sara Snell
Elizabeth Chesla

6 MetroTech Center - Room 204

Local Urban Public Planning: A Sustainable Participatory Action Research model

Francesca Scafuto

3:30 PM – 4:30 PM

Posters

6 MetroTech Center - 2ND Flr Lounge/Halls

Communal Landscapes: Think Local, Connect Larger. a Design Charrette for Civic Engagement
William J Mangold

Transitional Model for Stroke Rehabilitation Clinics: Translating Research Results into Design Recommendations
Maja Kevdzija

Full Schedule

Saturday, May 25, 2019

Integrating Physical Design Solutions to Reduce Feelings of Hopelessness Among Elderly Residents of a Long-Term Facility
Eman Nasrallah

Analysis of the Environmental Colors Based on Color Preference of the Elders.
Hyeyeong Kim
Yerim CHOI
Heykyung Park

A Study of the Physical Environmental Factors Supporting Residency in Elderly Care Facilities: Verification of an Investigative Questionnaire Survey for the Nursing Staff
Mizuki Hayashi

A Design-Oriented Approach of Preparedness Against Active Shooters: A Case of Evaluating a University Student Lounge
Kristy Kellom

Exploring the Design Variables Perceived By Retail Designer and Consumer in Store Design Process
Md Mazharul Islam

Incremental Change: Understanding the Morphology of Informal Settlements in Ahmedabad, India.
Kali Marnane

A Qualitative Analysis of the Impact of Electric and Daylighting in Workplace Buildings
Khanh Hoa Thi Vo
Suyeon Bae

Biophilia for Vibrant Indoor Atmospheres: Attracting People with Autism Spectrum Disorder (ASD) Behavior in Communal Indoor Spaces.
Rana Hassan Bazaid

"Blue Health for All?" Urban Blue Spaces As Potentially Therapeutic Landscapes for Seniors in Deprived Communities. Learning from Cases in Ruhr Metropolis and Ahmedabad
Anna Brueckner

Place Matters: Build Together to Grow Together
Jennifer Goold

Evaluation of Underground Urban Public SPACE Considering Environmental Elements
Tomonori Sano

Non-Violent Communication between Local Government and Community
Tera Williams

A Study on the Furnishing of Seats and Work Efficiency
Ayako Kita

Staying Power: Millennial Travel Behavior, Instagram Use, and Sustainable Hotel Design for Cities
Erin M. Colwell

Workplace Privacy: Why Job Types Matter
Virginia Kupritz

Connecting Children to Wildlife: Next Questions
Adina Cox

Bridging Milwaukee's Boundaries
Taryn Schell Singh

Exploring the Connection between Urban Design and Well-Being, While Carving a Niche for the Youth in the City. a Case of Roomalpur, Madhya Pradesh (India).
Vikram Kohli

Daylighting and Electric Lighting Satisfaction from Post-Occupancy Evaluation Lighting Module Studies
Abimbola Asojo

A Study about the Characteristics of Places in the Dining Space at Elderly Nursing Facility - Through Behavior Observation Survey at the Special Elderly Nursing Home R and the Senior Housing A in Japan -
Maiko Nagamine

Young University Students and Recycling: An Intervention Project to Develop the Pro-Environmental Behavior of Waste Separation
Cesáreo Estrada-Rodríguez

Consideration of Additional Sign at Railway Stations Focused on Information Amount and Design Elements.
Masataka Yasue

Quantifying Human Restorativeness in Virtual Built Environments
Semiha Ergan

A Study of Architectural Features of "Common Housing for Single-Elderly-Households" in Korean Rural Areas
Heewon Choi

Farm of the Future: Digital Design for Climate Change Mitigation
Rosie Manzo

Analysis of Environmental Factors in Residential Areas Where Women Feel Fear to Crime
HyunJu Seo

Assessment of Interior Designers' Involvement in Sustainable Residential Buildings Design Based on the Theory of Planned Behavior
Hebatalla Sherin Nazmy

Institutional Change the Case of Sustainable Vegetation on College Campuses
Kristen Nelson

3:45 PM – 5:00 PM

EDRA at 50: Looking Forward, Looking Back

6 MetroTech Center - Room 475

EDRA @ 50 — Issues & Institutions II

Environmental Variables That Influence People's Wayfinding in Indoor Environments: An Integrative Literature Review
Mahnaz Ensafi
Saman Jamshidi
Debajyoti Pati

Another 50 Years?
Lynda H. Schneekloth

Promoting a Sustainable Transformation through Psycho-Social Impact Research
Michael R. Edelstein

Ecofoodway Architectures: Wisdom from the Past; Knowledge for the Future
Sara Khorshidifard

Full Schedule

Saturday, May 25, 2019

Symposia

6 MetroTech Center - Room 473

Developing a Construct of Neighborhood Resiliency

From Urban Sustainability to Resilience: Embracing System Theory
Catalina Freixas

Tower Grove Heights: The Neighborhood That Forgot to Decline
Mark Abbott

Improving Planning and Policy to Foster More Resilient Neighborhoods: What Can We Learn from Existing Neighborhoods?
Ian Trivers

6 MetroTech Center - Room 211

International approaches in Environmental Design Research

Place Philosophy and Psychoanalysis of Cities As a Possible Project
Hirofumi Minami

Nature Based Solutions: The Contribution of Environmental Psychology in Addressing Strategies of Urban Transformation
Ricardo Garcia Mira

Re-Examination of "Cultural Difference" in Environmental Perception
Ryuzo Ohno

Environmental Psychology in Mexico; Development, Schools, Approaches
Maria Montero-López Lena

6 MetroTech Center - Room 474

Lighting Spaces for Improving the Lives of People Living with Mild Cognitive Impairment

The New Science behind Lighting and Health
Robert Davis

Impact of Light Therapy on People with Dementia: An Evidence-Based Review
Fateme Motamed Rastegar

The New Empowerment Program for People with MCI at Emory
Jennifer Robin DuBose

Novel Lighting Design for the MCI Empowerment Program
Naomi Miller

Workshops

5 MetroTech Center - Pfizer Auditorium

Workshop: Writing a Non-Fiction, Creative Essay

Kelley Callahan
Marjorie Callahan

6 MetroTech Center - Room 201

Urban Metagenomics: Towards Metrics for Multi-Species Design

Elizabeth Henaff
Amber Benezra

6 MetroTech Center - Room 674

Breathe Easy: The Evolving Role of Citizen Science in Long-term Planning Projects

Anna Rosenblum
Christine Mondor

6 MetroTech Center - Room 215

Prison Gardens and Playscapes for Children

Julie Stevens
Barb Toews
Amy Wagenfeld

6 MetroTech Center - Room 200

A Decade In The Making: Studying Indoor Environmental Quality in LEED-certified Projects in Jordan

Genell Ebbini

6 MetroTech Center - Room 207

Design for Social Justice

Rohan Lulham
Leanne Sobel
Kiran Kashyap
Lucy Klippan
Douglas Tomkin
Kevin Bradley
Dominic Svejker
Tasman Munro

5:30 PM – 8:30 PM

Italian Art Sustainability Films

5 MetroTech Center - Pfizer Auditorium

