

full schedule

wednesday may 19, 2021

** Please note that all times in the schedule are EDT, while times in the virtual platform depending on user settings, may adapt to the local time zone.*

10:00 am - 4:15 pm

Lounges & Expo

10:00 am - 11:15 am

Abstract and Paper Sessions

Urban Spaces

designing just places

Nudging Behavioural Changes through Interpreting Access to Healthy Urban Spaces Using Q-Methodology
Sofia Foo, Keng Hua Chong

Public Realm Renewal in Downtown Detroit: Confronting Global, Metropolitan and Local Pressures
Tadd Heidgerken, Tricia Meehan, Rachel Getliffe

Just Use of Urban Spaces As Revealed By Mega-Events and Their Security Concerns
Ilari Karppi, Iina Sankala

Race and Politics

creating just societies

A New Frame for Metro Detroit: Working Toward Regional Government
Francis Grunow

Open Data Visualized from Police Spreadsheets: A Case Study of Where Force, Race, and Place Collided
J. Kevin Byrne

The Socio-Spatial Fractures of Place, Politics, and Race from the Emergence of the COVID-19 Pandemic in the U.S.
Stephen Mainzer

Environmental Justice and Indigenous Empowerment at the Black Power Station
Phoebe Crisman

Pandemics & Community Health

building just communities

What Is the Future of Healthy Housing? Lessons from the 1918 Pandemic for Equitable, Resilient, and Sustainable Urban Housing
Terri Peters, Melina Wang

Nature's Role in Health during the COVID-19 Global Pandemic
Nik Warren, Ali Punsalan, Miryha Runnerstrom

Sense of Place in a Pandemic Word: How to Promote Communities for Healthy Ageing
Adriana A Portella, Eduardo Rocha, Sinval Xavier, Ryan Woolrych

Equitable Design

designing just places

Doing Time: Perceptions of Time within Correctional Environments
Gregory Galford

Architectural Elements As Instruments of Power
Jennifer Meakins

The Role of the Built Environment in Perceived Quality of Care of U.S. Combat Veterans Utilizing VA Healthcare Facilities
Adam Nash

New Spectrum of Production: Integration with Commercial, Residential, and Other Uses in Mixed-Use Buildings
Nikita Malviya

Cultural Memory

framing just worlds

Documenting the Underground Railroad in Our Backyard
Carey Clouse

Exploring the Use of Public Art to Encourage Alternative and Diverse Expressions of Public History
Raffaella Sini, Roberto Capecci

A Framework for Studying Intangible Cultural Heritage in Historic Asian Cities
Kapila D. Silva

The Atmosp(HERE) of Space
Jose Cotto, Tina Small

Mapping Toronto: Gathering Indigenous Knowledge
Jennifer Wemigwans, Jane Wolff

Community Engagement

building just communities

Reproduction of the Public Realm: Graffiti Expression Versus Spatial Oppression in Palestine
Dana Hasan, Sahera Bleibleh

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IMPACT of Citizen Participatory Approach in Urban Local Governance for Sustainability: Case of Nagpur, India
Pooja Mukund Pathak

Empowering User Groups in Facilities Programming through Capacity Building
Lubomir Popov, Ivan Chompalov

Proxy Groups As a New Trend in Citizen Participation
Lubomir Popov, Ivan Chompalov

10:00 am - 12:45 pm

Group Sessions

INTENSIVE: Behind the Curtain: The Latest in Practice-Based Research, Year One

Emily Chmielewski - Co-Organizer

designing just places

Emily Chmielewski, Kimari Phillips, Casey Lindberg, Nicholas Watkins, Bonnie Sanborn, Alice Gittler, Amin Mojtahedi, Brian Schermer, Cynthia Milota, Lesa N Lorusso, Michelle Ossmann, Sally Augustin, Renae Rich

INTENSIVE: Crossing Boundaries in Times of Uncertainty: EDR Education and Collaborations between Practice, Research, and Education

Rula Awwad-Rafferty, Tyrone Yang - Co-Organizers

framing just worlds

Architect-Student-Owner Collaborations: Implementing Remote Collaboration Methods for Ethnographic Photo-Elicitation Study of Buildings
Tyrone Yang

Equity & Inclusion Stories of Perseverance in Tumultuous Times: Engaging across Boundaries of Research, Instruction, Outreach, and Activism through Storytelling
Rula Awwad-Rafferty

Ethnography through Building Design, Construction, and Post Occupancy Evaluation
Osama E. Mansour

Impacting Student Environmental Design Ethics and Behavior through Academic / Industry Sustainable Architecture and Design Collaboration
Farzaneh Soflaei, Homa Hedayat

Social Infrastructure: Guidelines for Designing Places of Connection
Erin Peavey

INTENSIVE: The Changing Production, Meaning, and Use of Place: Communication Frames for Addressing the Challenges of Place In a Just, Post-Pandemic World

Sheila Gobes-Ryan - Organizer

framing just worlds

The Communicative Restructuring of Social Relationships in a Pandemic Era
Gary Gumpert, Susan Drucker

Library As Place - COVID, Libraries, and Academic Communities
Ardis Hanson, Dian Fulkerson

Framing the Places of White-Collar Work in a Post COVID World
Sheila Gobes-Ryan, Ardis Hanson

The (Re)Enactment of the Urban Balcony: The Future of Architectural Distant Gathering
Carolyn Aronis

Lived and Imagined Places As Organizing Agents for Water Security in "Beloved Detroit"
Rahul Mitra

A Digital Sense of Place: Fostering Connection with (temporarily?) Bygone Places
Nicholas Bowman

Propertied Relations and Compounding Displacements in a Time of "Stay Home"
Constance Gordon

INTENSIVE: Exploring Induced Changes in People-Environment Relations due to the Pandemic and their Impacts on Social Inequalities: Housing, Public Transport and Green Spaces

Carole Depres, Denise Piché - Co-Organizers

building just communities

Covid-19 and People-Environment Relations: An Overview of Issues and Challenges
Denise Piché

full schedule

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Towards a Shared UNESCO
Heritage Town Among Local
Residents, Tourism Immigrants, and
Diversified Tourists: A Participatory
Design Experiment in Pingyao,
China
Tianjie Zhang, Yingxiang Niu, Jiaqi Wu

Ethnoscapes of Post-Immigrant Los
Angeles: Socio-Spatial Practices
of 1.5 and Second-Generation
Korean Americans
Uchita Vaid

Exploring the Transformation of
Mobility Patterns in Covid-19 Time:
A Case Study in Quebec, Canada
Homa Jalili Safarian

Does Covid-19 Have Any Influence
on Retirees' Residential Plans?
Highlights of a Survey in the Greater
Montreal Region
Sebastien Lord

Rethinking Apartment Design for a
Post COVID-19 World
Sarah Foster

The Impact of COVID-19 on the
Uses and Meanings of Home: An
Exploratory Study in Metro Quebec,
Canada
Pablo Garcia de Paredes

A Home Design "PPE" Approach for
Aging in Place and Community
Sherry Ahrentzen

INTENSIVE: Dimensions of Residential Environments and the Creation of Just Communities

Ali Momen-Heravi, Keith A Miller - Co-
Organizers

building just communities

Just Housing: Residential
Environments, Psychological Well-
Being, and Affordable Housing
Policy
Ali Momen-Heravi

Subsidized Housing in the
United States: Turning a Critical
Eye Toward Programming,
Hermeneutics, and Empowerment
Opportunities
Keith A Miller

Inclusionary Housing in China:
Development, Challenges, and
Prospects
Weican Zuo

Self-Gentrification: Tracking
Neighborhood Growth, Decline
and Stabilization in Ivanhoe
Marie-Alice L'Heureux, Aakanchcha
Raj

The Implications of the "Stay-at-
Home" Order for Just Environments
Tasoulla Hadjiyanni

Built Environment Considerations
to Reduce Disease Transmission in
Assisted Living and Skilled Nursing
Facilities
Beth Kramer, Altaf Engineer

The Users' Perspective: Willingness
to Adopt Residential Design
Products to Improve Safety and
Active Aging in Place
Elif Tural

The Role of Technological
Innovation As Related to Older
Adults' Social Engagement: A
Systematic Literature Review
Kimia Erfani

11:30 am - 12:45 pm

Group Sessions

INTENSIVE: Spatial-Structural Racism and Water Security in Michigan: Community Actions to Create Just Societies

Rahul Mitra - Organizer

creating just societies

The Implications of Spatial-
Structural Racism on Race, Water
Rates and Infrastructure in Detroit
Peter Hammer

Infrastructure and Poverty
Challenges for Water Security:
Community Collaboration As Key
Sara Hughes

Designing Flint's Water Future:
Community Resistance and
Historical-Spatial Inequalities
Ben Pauli

Legal Case to Ensure Safe and
Affordable Drinking Water for
Michigan Communities
Erin Mette

10:00 am - 12:45 pm

Student Event: Mentoring Workshops

11:15 am - 11:30 am

1:1 Networking

full schedule

wednesday may 19, 2021

11:30 am - 12:45 pm

Abstract and Paper Sessions

Culture and Place

designing just places

From Permeable 'chappras' to Insulated 'flats': Women's Voices in Slum Redevelopment
Uchita Vaid
Standards to Achieve Social Inclusion: The Case of the Indian Toilet-Bathroom
Gourab Kar, Abir Mullick

Tracing Changes and Revealing Culture: A Study on Shotgun Houses in the East Wilson Historic District N.C., 1988-2019
Monica Davis

Race and Equity

designing just places

Transforming Governance to Achieve Racially Equitable Land Use in Chicago, IL, USA
Tania Schusler, Amy Krings

Chipping of the Chocolate City: Gentrification Aesthetics of Displacement
Jacqueline Carmichael

Bias in the Building Code
Cat Heard

Participatory Design

designing just places

Participatory Design As a Tool for Community Engagement in Spatial Programming: Envisioning a Youth Empowerment Center (Tamkeen) in Al-Shounah, Jordan
Sarah Alaraj, Bushra Obeidat

Shaping Consent - Participatory Design Practices of Spatial Justice
Anne Cunningham, Trine Agervig Christensen, Gillian Lawson, Simon Swaffield, Andreas Wesener

Participatory School Design: A Tool for Environmental Education and Justice
Eda Can, Goksenin Inalhan

The Utilization of Participatory Design to Promote Social Justice for Serious Mental Illness: An Integrative Cross Disciplinary Collaboration
Amber Michon, Toni Henry, Raquel Charrier, Eric Adelman

Pandemic Responses

framing just worlds

In Search of Just Learning during the Pandemic: Teaching How to Design the City 'from a Distance'
Garyfallia Katsavounidou

Is Social Distancing an Unjust Environmental Re-Education Against the Poor?
Pablo Garcia de Paredes

Social Health on a College Campus: What We Learnt from COVID
Upali Nanda, Babak Soleimani, Melissa Hoelting, Elinor Oren, Casey Lindberg

Technology and Healthcare

accessing just technologies

Research and Design Strategies for Indoor Healing Environment in Outpatient Department of General Hospitals in the Era of Internet
Mengqi Li, Leiqing Xu, Jing Chen

Considering Children in Hospital Mattress Design
Molly Laird, Ivy Razmus, Megan Conrad

Understanding Sources of Disruptions to Telemedicine-Based Stroke Care in an Ambulance Using Simulation
Sahar Mihandoust, Anjali Joseph, Kapil Madathil, Roxana Jafarifiroozabadi, Hunter Rogers

Diverse Experiences and Activism

building just communities

Community Action to Promote Healthy Environments: Building Just Communities
Amy Schulz, Angela Reyes, Barbara A. Israel, Melanie Ward, Stuart Batterman

Is Water Quality Gerrymandered? Understanding the Service Regions for U.S. Drinking Water Systems
Sara Schwetschenau, Richard Smith, Felice Sperone, Kristin Taylor, Shawn McElmurry

Choice Parents and Housing Choices
Carey Clouse

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wednesday may 19, 2021

12:45 pm - 1:00 pm

1:1 Networking

1:00 pm - 2:30 pm

Opening Plenary

Reckoning with History to Repair the Commons

Sharon Egretta Sutton, Lauren Hood

2:30 pm - 2:45 pm

1:1 Networking

2:45 pm - 4:00 pm

Abstract and Paper Sessions

Urban Ecologies

designing just places

Transdisciplinary Design Can Break Your Heart: Lessons Learned in Detroit
Constance Bodurow

Integration of Ecosystem Services in Street Redevelopment of Urban Informal Settlements
Lei Fan, Jessica A. Diehl

A Triple Threat or a Silver Bullet? How State of Place Helped the City of Philadelphia Use Data to Quantify the Exponential Power - and Disparities - of Place
Mariela Alfonso

Integrative Ecology of Green Architecture and Blue-Green Infrastructure for the Recovery of Ecosystem Services in Urban Environments
Victor Carmona-Galindo

Pandemic: Work Spaces

designing just places

When Home Becomes the Workplace: Sense of Belonging and Working from Home (WFH) Since COVID-19
Lori Brunner

The Role of Physical Environments in Social Interactions and Loneliness Among College Students
Ruth Barankevich, Janet Loebach

Participatory Living Lab Framework for Transforming the Workplace: An Experience from the COVID-19 Pandemic
Babak Soleimani, Steve Stroman, Nikola Gjurchinoski

New Work Habits and New Spaces for Academic Research after Covid-19
Alessandra Migliore, Chiara Tagliaro, Cristina Rossi-Lamastra, Andrea Ciaramella

Diverse Communities and Equity

building just communities

Intersectional Place Attachment: Islamic Third Spaces in the United States
Hassnaa Mohammed

Landscapes of Hope – Unraveling the Role of Environment-Behavior Research in the Post-Protest Era
Tasoulla Hadjiyanni

Putting the Neighborhood on the Map: Local Sovereignty Midst Crisis and Change
Christine Hwang, Harley Etienne

Building Back in the Wake of a Global Pandemic: Starting with an Equity-Focused Strategy to Drive Built Environment Policy Investments, to Achieve Just Communities
Debarati Majumdar Narayan

Technology-Assisted Collaborations

accessing just technologies

Smart Engagement in Smart Sandyford: Understanding How Engagement Is Practised within an Internet of Things (IoT) Enabled Neighbourhood in Dublin, Ireland
Hannah Devine-Wright, Anna Davies

Computational Assistive Tools to Evaluate Qualitative Goals in Healthcare Design Workflows: A Case Study of Teamwork Assessment in Primary Care Clinics
Fatemeh Rastegar, Sara Saghafi Moghaddam, Ramtin Haghnazar, Craig Marshall Zimring

Participatory Environmental Design at a Distance: Learning in Progress, from Communication Field
Sara Khorshidifard

Digital Collaboration in the Architectural Workplace - Equitable Access to Technology for the Design Process in a Post Pandemic Era
Sonali Wadhwa

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Spatial Politics

building just communities

supporting just movements

Building Equitability into Walkability:
Lessons & Implications from Three
Community-Driven Planning
Exercises in Detroit
Aaron Danko

Culturally Inclusive Design of
Outdoor Spaces: Lessons from
Youth Engagement
Victoria Derr
Constructing a Living
Archive: Animating an Urban
Social Justice Movement to Inform
Contemporary Praxis
Jeffrey Kruth

How Does Awareness of Racial
History Affect Designers' Pursuit of
Recognition Justice?
Bethany Gordon, Elizabeth Kraisinger,
Leidy Klotz

Cultural Histories

sharing just resources

Bangladeshi Muslim Immigrant
Women and Their Construction of
Spatial Memories from Past-Lived
Homes: Exploration of Methods and
Data Collection Techniques during
the COVID-19
Mania Taher

Just History of a Landscape:
Mapping Methodology to Organize
a Narrative
MD Shajjad Hossain, Filipe Themudo
Barata

Socio-Economic Value of Local
Timber in Suburban Forestry Areas:
An Empirical Study Involving the
Design of Local Timber Housing
Shota Tajima, Satoko Nasu

2:45 pm - 4:00 pm

Graduate Student Happy Hour

3:15 pm - 4:15 pm

Mobile Sessions

Expanding Sustainability in Detroit Through Green Stormwater Infrastructure

sharing just resources

Wayne State University Healthy Urban
Waters, Sierra Club Michigan Chapter,
Great Lakes Program, Detroit Future
City, Eastside Community Network

Working Together Building Just Communities for Youth and Families

building just communities

Bailey Park Neighborhood
Development Corporation, Brilliant
Detroit

The Intersection of Community, Collaboration, and Design

designing just places

Live 6 Alliance, Detroit Collaborative
Design Center, San Juan Block Club

4:00 pm - 4:15 pm

1:1 Networking

4:15 pm - 5:30 pm

Opening Ceremony

full schedule

thursday may 20, 2021

10:00 am - 5:30 pm

Lounges & Expo (Open All Day)

10:00 am - 11:15 am

Abstract and Paper Sessions

Placemaking

designing just places

Artist As Developer: Radical Approaches to Equitable Urbanization in Rustbelt Cities
Mike Styczynski, Laura Walker

Full Steam Ahead? Slowing Down to Understand Communal, Place-Based Environmental Education Art Installations
Rebecca Kemper, Donnelley Hayde, Justin Reeves Meyer

Creating Novel Approaches in Teaching: Connecting Dakota Students with Lakota Stakeholders Using Culturally Guided Placemaking Activities
Elizabeth Tofte, Derek A. Stewart, Jennifer A. Martel

Arts Districts: Realities and Imaginings
Kelliann Beavers

Social Identities

creating just societies

Creating a "Space of Identity" in the City: A Review of Factors Influencing the Creation of a Sense of Belonging Among Immigrants
Homa Hedayat, Michel Després

Whose Street? Marginalization of Hawkers - a Reflection of Local Merchants' Defensibility in Downtown Amman
Majd Al-Homoud, Tamer Albattran

'They Might be Farmers in Their Village, but Here They Are Squatters': Trans-Local Identities Along the Yamuna Floodplain in Delhi, India
Jessica A. Diehl

Public Spaces

building just communities

Disrupting the Urban Settler Landscape, Public Art As Indigenous Acts of Resurgence in Winnipeg
Honore Black

Futurewaters | Aguasfutures: Exploring Public Art As a Tool for Sea Level Rise Communication
Carolina Aragon, Neenah Estrella-Luna, Jane Buxton

The Construction and Prospect of Urban Pocket Parks Under the Background of the COVID-19 Pandemic
Jing Chen, Mengqi Li

Leveraging Ecosystem Services in Existing Back Alleys for Creating Just Public Places of the Marginalized and the Poor in Delhi, India
Eingeel Khan, Jessica A. Diehl

Augmented Reality Experiences

accessing just technologies

Examining Patients' Perceptions of Telehealth Visits
Ja-Nae Duane, Jonathan Ericson, Danielle Hartigan, Justin Sanders, Maxim Podolski, Maddy Sando, Brian Yen, Morgan Stosic

Effect of Augmented Reality Pedestrian Wayfinding Mobile Applications on Walking Experience
Yanhua Lu

Playing in Virtual Forests: Creating Restorative Experiences with VR and Video Game Technology
Justin Johnson

Beyond the Salvage: Expanding the Equity of Textile Consumption through Translating Visual Aesthetics to Sound
Stephanie Sickler, Karen Large

Displacement and Replacements: Virtual Homemaking As a Place-Making Strategy Used By Woolsey Fire Survivors
Mariana Garcia Junqueira

Design Pedagogies

framing just worlds

Imaginary Cities: A Pedagogical Exercise in Speculative World-Editing
Elise DeChard

Towards Integration By Design: Reframing Relationships between Theory & Design
Valerie Greer, Lisa C Henry

full schedule

thursday may 20, 2021

Framing Justice, Framing Survival:
Questions of Safety in Design
Pedagogies
Kush Patel

Communicating Across Differences:
A Longitudinal Study of Alumni
Perceptions of service-learning
Claudia Bernasconi

Diverse Traditions

supporting just movements

The Dialogic Space of Tulous: A
Simultaneous Presence across
Difference of Cultural Memory and
Contemporary Incursions
Robert Brown, Zoe Latham, Anqi Dong

Just Architecture: The Multi-Faith
Space Paradigm, an Apparatus
Adapting the Sacred into the City
Muhamad Naqshbandi

Dakotah Displacement and
Cultural Memory: Designing the
Sisseton Wahpeton Oyate Cultural
Center
Prof. Phoebe Crisman

10:00 am - 11:30 am

Group Sessions

**SYMPOSIUM: Design for Inclusion
and Empowerment at College
Unions and Student Life Centers**

Renae Mantooth - Organizer

designing just places

Measuring Discoverability in
Buildings: A Study of the UW-
Milwaukee Union
Mahshid Jalalianhosseini

Designing for Inclusion and
Discoverability: The Ideahub at the
Michigan Union
Brian Schermer

Spatial and Design Factors That
Support User Agency and Inclusion
in Student Life Centers
Yelena McLane

Cultivating a Sense of Belonging in
the College Union through Informal
Learning
Renae Mantooth

**SYMPOSIUM: Ethical Instruction
in Psychology of the
Environment Class: A View from
the Trenches**

Linda Slowik - Organizer

framing just worlds

Cheryl Boglarsky, Gilbert Sunghera

**SYMPOSIUM: Models of
Engagement: Working with K-12
Students to Design Healthier
Schools and Communities**

Claire Latane - Organizer

designing just places

Evaluating and Designing for Equity
and Health in Schoolyards: The
Benefits of Diverse Nature
Marcella Raney

Project YES! Developing Youth-
Community-Academic Partnerships
to Improve Individual and
Community Health Outcomes in
Stockton, CA
Lara Killick

The School Design Studio:
Partnering Landscape Architecture
and K-12 Students to Work
Toward Equitable, Healthy School
Environments
Claire Latane

**SYMPOSIUM: Can Robust
Community Benefits Mitigate
Environmental and Socio-
economic Impacts to Drive
Just Communities? Exploring
the Impacts of Community
Benefits for the Gordie Howe
International Bridge**

Janet Attarian - Organizer

building just communities

Stephanie Campeau, Heather
Zygmuntowicz, Simone Sagovac,
Angela Reyes

10:00 am - 12:45 pm

Group Sessions

**INTENSIVE: How Should We Be
Designing Workplaces Today?**

Cynthia Milota, Sally Augustin - Co-
Organizers

designing just places

What Is the Real Value of the
Office?
Judith Heerwagen

Evidence for Designing Healthy
Work Environments
Rianne Appel-Meulenbroek

Redefining the Purpose and Value
of Space in a Distributed World
Ellen Bruce Keable

full schedule

thursday may 20, 2021

Design Workplaces to Support
Employees, Organizations, and the
Environment: The Triple Bottom Line
Jennifer Veitch

11:15 am - 11:30 am

1:1 Networking

11:30 am - 12:45 pm

Abstract and Paper Sessions

Meaning of Place

designing just places

Exploration of Human Perception
Towards Physical Settings of
an Exhibition As a Narrative
Environment: A Study Using Virtual
Reality (VR)

Kyoungmee Kate Byun, Lesley Harris,
Rebecka Bloomer, Madison McNeal

Prioritizing Place for a Fuller
Understanding of Homelessness
Aia Zaina, Marwa Abdelmonem,
Matthew Holmes Dallimore

Borderlands Studio: Leveraging
the Remnants of Division to Teach
Contested Geographies
Erika Lindsay, Jacqueline Taylor

In the Case of Home: How Did
Globalization Impact the Concept
of Place As an Aspect of Modern
Life?
Zeynep Özge Yalçın

Immigrants/Refugees

designing just places

Spatial Gaps in Design: A Story
of Resiliency of Undocumented
Immigrants
Alicia C. Rubio

Living Wall: Advancing the Role of
Plants in Prefabricated Refugee
Shelter Units
Rana Abudayyeh

Creation of Just Places for and with
a Rohingya Refugee Community
Matluba Khan, Sheik Rana, Holly Weir,
Alexi Marmot

Justice in Community Planning

building just communities

supporting just movements

Fragmented Governance or Inter-
Spacing Autonomy? Kaohsiung
City: An Archipelago Made
of Multi-Scales Educational-
Infrastructure Nodes
Yu-Hsiang Hung, Li-wen Sung

Planning for Promoting Physical
and Environmental Quality
through Sustainable Community
Development within Islands of
Developing Countries
Shermineh Afsary

What Motivates People to
Participate in Community Design?
Preliminary Findings from a
Longitudinal Study of Community
Design Initiatives in Japan
Yohei Kato

Transdisciplinary Work

framing just worlds

Upstream/ Downstream: 6
Principles for Transdisciplinary
Collaboration between Design,
Ethics, and Health Professions in
Higher Education
Kendra Kirchmer, Marin Gillis

Tuckman's Team-Building Theory
Provides Context for Design
Students Learning Transdisciplinary
Skills during Move to Online
Instruction
Elizabeth Tofte

Design Ethnography As Mutual
Border Crossing
David de la Pena, Jacob Culbertson

Lima 2100: Collective Resilience
through Adaptive Urbanism
Gabriel Kaprielian

Walkability and Transit

supporting just movements

Taking Liberties
John Stoughton

Equality in Wayfinding Experiences
Among Users of Educational
Buildings
Rehab Aburas, Samaher Fallatah

Political and Ideological
Dimensions of Transit:
Understanding the Us and Them of
Public Transit in Southeast Michigan
Claudia Bernasconi, Xiaohui Zhong,
Natalie Maalouf

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Pandemic: Residential Spaces

designing just places

Social Interaction during the COVID-19 Pandemic Among Older Adults at Home
Gabriela Fonseca Pereira, Mihyun Kang

Environmental Strategies for Infection Control in Senior-Living Facilities in China
Zhe Wang

Pandemic and Post-Pandemic Interior Design Theories and Methodologies
Sarah Angne Alfaro, Tina Patel, Mackenzie Symmes

Healthy House Guidelines and Pandemic Response: Lessons Learned from Indonesia
Fauzia Evanindya, Widya Aulia Ramadhani

Designing Residential Life Environments for Inclusivity in a Pandemic and Beyond
Caryn Brause

11:30 am - 1:00 pm

Group Sessions

WORKSHOP: Co-production of Community-based Air Quality Education Intervention to Reduce Exposures for Health Promotion and Environmental Justice

building just communities

Jennifer Senick, MaryAnn Sorensen Allacci, Ruikang He

WORKSHOP: Planning Youth-Centric Neighborhoods: Progress Report from Cody Rouge & Warrendale in Detroit

building just communities

Damon Rich, Taylin Hodges, Barb Matney, Charday Ward, Jae Shin

WORKSHOP: Reducing the Risk of COVID-19 in Detention Facilities Through Design and Management

designing just places

Melissa M. Farling, Richard Elliot Wener, Jay Farbstein, Erin Persky, Robin Timme

WORKSHOP: Collaboratively Exploring What It Means to PHEAL

framing just worlds

Ignacio Bunster-Ossa, Danielle Schaeffner, Triveece Penelton

12:45 pm - 1:30 pm

Visual Sessions

Digital Media Shorts 1: Urban Context

framing just worlds

building just communities

designing just places

supporting just movements

ART of Housing | | Housing of ART
Razib Hassan Chowdhury, Tahsin Adiba Rahman

Outdoor Space in Urban Apartment Housing: A Visual Catalogue and Analysis of Toronto's Balconies
Terri Peters, Mehrnaz Adli

Multi-Dimensional Thick Mapping in Information Space: Exploring Boundaries of Displacement and Disinvestment in Cincinnati, OH
Jeffrey Kruth, Bin Sayeed Bakhti

Road of Democracy
Gabriel Yeager, Dasha Kelly Hamilton

Reframe to Respond: Manifesting Isolation As an Urban Environment
Michelle Pannone

Poster Discussion 1: Urban

framing just worlds

building just communities

designing just places

Opportunities for Open Space: Data on Detroit's Vacant Land
Susan Rusinowski, Edward Lynch

Revitalization Guidelines for Historic Towns : The Case of Miyada-Juku, Japan
Yoshihiro Yokote

Redevelopment of 95 Cranston Street: Innovative Models for Sustainable Urban Development
Robert Williams

Plug-[in] Formal Urbanism in Kiptown, Johannesburg
Osnat Pavese

A Study on the Urban Regeneration Characteristics of Seoul Station for Urban Regeneration-Focused on Anchor Facilities
Yeonsook Hwang, JaYoung Lee, Xueying Zhu

Oughtness: Diagramming the Middle Future Narrative
Claire Antrassian

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Poster Discussion 2: Public Space

building just communities

designing just places

Designing Parks to be Pandemic Proof
Anthony Wynn, Qing Luo

Tokyo's Re-Redevelopment Goals - Focusing on the Potential of Public Facilities
Chiaki Konishi, Yudai Ichise, Yuka Honda, Hiroshi Tsuchida

Visioning an Interpretive Public Open Space: Case of Hunteartown Community Interpretive Park
Jayoung Koo, Anna Claire Littleton, Abigail Welp, Eric Smith

Adaptive Reuse of Distressed Malls for Dementia-Friendly City Centers: Outcomes from Community Stakeholder Focus Groups
Emily Roberts

Poster Discussion 3: Cultural Landscape

framing just worlds

supporting just movements

sharing just resources

designing just places

Landscape Architecture, Agricultural Resources, and Local Food Crops | a BCG Research-through-Design Case Study in Chiang Mai, Thailand
Thanida Ta-odd, Pongsakorn Suppakittpaisarn, Ekachai Yaipimol, Vipavee Surinseng, Nadchawan Charoenlerththanakit, Tupthai Norsuwan, Thakoon Punyasai, Thanit Saltikulnukarn, Kularb Utthasuk, Rattanaphon Chaima, Thewin Kaeomuangmoon

Maps of Multiple Languages
Ya-Wen Cheng, Li-wen Sung

Scavi: Le Volume De Crevasse
Peter P. Goche'

Fort Kearny State Historical Park: Justice and Cultural Landscape Narratives
Shelby Warrick

1:00 pm - 1:30 pm

1:1 Networking

1:30 pm - 3:00 pm

Opening Keynote

A Conversation About Cities With Toni Griffin

Toni Griffin, Dan Kinkead, Marc Norman

3:00 pm - 3:15 pm

1:1 Networking

3:15 pm - 4:30 pm

Abstract and Paper Sessions

Pandemic: Public Spaces

designing just places

Placemaking, Coming Together after COVID
Danya Hakky, Emily Scheffler, Emily Chmielewski

Criteria-Based Interior Design Development: A Case Study on Post-COVID Post Office Design
Kutay Guler

Human-Building Interactions, Occupants' Thermal Comfort, and Indoor Air Quality in K-12 Schools during COVID-19: Opportunities for Future Studies
Helia Taheri, Traci Rose Rider

Vehicle Design Strategies to Reduce COVID-19 Transmission in Public Transportation and Shared Mobility
Angela Sanguinetti, Ashley DePew

Place Attachment and Belonging

building just communities

Investigating Participatory Design and Community Attachment: A Case Study of Sai Ying Pun, Hong Kong
Wing Fai Chan, Jessica A Diehl

El Corazón: Pursuing Inclusive and Just Strategies to Promote Sense of Belonging
Caryn Brause, Joseph Krupczynski

Place Attachment and Belonging through the Perspective of Older Adults in Pelotas/Brazil
Gisele Pereira, Adriana A Portella, Ryan Woolrych, Eduardo Rocha, Celina Maria Britto Correa, Nirce Medvedovski

Virtual Learning

accessing just technologies

Building Just Collaborative Virtual Environments for Design Education
Luis Mejia, Tilanka Chandrasekera, Hugo Dario Arango, Doris Arnot

full schedule

thursday may 20, 2021

What We Learned from Students' Experience on Online Design Studios: A Case Study of China
Yilin Song, Jiaxi Liu, Yuxin Sun

Covid-19, Classrooms, and Communication: The Impact of Pandemic Precautions on Teaching When Hard of Hearing
Karen Maria Keddy

Transitioning Design/Build Studios from Applied Learning to Online Learning during a Pandemic
Carla Delcambre

Meaning of Place

framing just worlds

Decolonizing Corrections: Tools and Frameworks
Cathi Schar

The Incorporation of Psychological and Architectural Meanings in the Designs of Washington, DC and Berlin
Phillip G. Mead

Museum of Destruction – Space of No History
Hala Barakat

The African American Porch: Exploring Meaning, Experience and Agency in Wilson, NC
Asha Kutty, Monica Davis

Walk a Mile in My Shoes: Using Immersive Virtual Reality to Measure Implicit Racial Bias
Quentin Tyler, Linda Nubani

Vacancy/Home Ownership

sharing just resources

Who Owns the City? Assessing New Urban Land Ownership Patterns in Gurgaon, India
Meher Bhagia, Mallika Bose

Do Resident-Owner-Led Vacant Lot Greening Activities Reduce Crime in Vulnerable Communities?
Sara Hadavi, Alessandro Rigolon, Paul H Gobster, William Stewart

Scaling Community Open Space: Lessons for Leveraging Vacant Land
Ceara O'Leary

Review: The Economic Effects of Best Management Practices (BMPs) on Housing Sale Prices
Boyoung Park, Byoung-Suk Kweon

3:15 pm - 4:30 pm

Group Sessions

COLLABORATION: Inclusive Design for the Visually Impaired: A Multidisciplinary Approach to Equity for All

designing just places

Lisa Phillips, Ryan Glick

COLLABORATION: Re-Learning K-12 Education

building just communities

Rebecca Milne, Lindsay Fischer

COLLABORATION: Designing a Community Science Platform: Detroit AirNet

accessing just technologies

Brendan Francis O'Leary, Allison Lucas, Hector Esparra-Escalera, Gelareh Raoufi

COLLABORATION: Trauma-informed Design: Science and Compassion to Create Just Spaces

designing just places

Davis Harte, Janet Roche, Jennifer Hope Wilson

COLLABORATION: Community and Climate: The Intersection of Research, Student Learning, Policy, and Preservation

sharing just resources

James Leach, Kristin Nelson, Veronica Johnson

4:30 pm - 5:30 pm

1:1 Networking

4:30 pm - 5:30 pm

Mobile Sessions

Understanding Urban Contamination in Detroit

sharing just resources

Wayne State University Healthy Urban Waters

full schedule

thursday may 20, 2021

Developing and Delivering Information for Equitable Cities

accessing just technologies

Data Driven Detroit, Walker-Miller
Energy Services

Community Pavilions: Learning From and With Your Neighborhood

designing just places

Brightmoor Makerspace, Brightmoor
Alliance

4:30 pm - 5:30 pm

KN Chairs Meeting

full schedule

friday may 21, 2021

10:00 am - 5:30 pm

Lounges & Expo (Open All Day)

10:00 am - 10:45 am

Visual Sessions

Morning Poster Discussion: Placemaking

framing just worlds

building just communities

designing just places

Indoor Environment of Dormitory Buildings and Students' Psychological Health
Lifei He, Ke Feng, Zhe Wang

Adaptive Behavior and Needs for Social Interaction and Services in an Old Residential Community – Case Study in Kaifeng
Shu Zhao, Hequn Li, Zhe Wang

Trends and Environmental Needs for Green Transportation in a Historic City in China
Hongbo Wu, Zhe Wang

Creating an Intercultural Garden to Promote Exchange Among Students from Different Countries: An Educational Workshop in Tsukuba, Japan
Naomi Shimpō, Xinrui Zheng, Mamoru Amemiya

Campus Placemaking: Innovative Learning Spaces during/Post COVID-19
Sayaka Fujii, Mamoru Amemiya, Kazuyoshi Watari, O'neil Courtney Miller

10:00 am - 11:15 am

Abstract and Paper Sessions

Creative Thinking

designing just places

From Space of Exclusion to Space of Inclusion? Rethinking the Residual Spaces Underneath Elevated Freeways
Yiwei Huang

Empowering Brand Identity through Multi-Sensory Design in Coffee Shops
Ye Jin Chang, Jae Hwa Lee

Redesigning Dying Malls: An Opportunity to Address the Housing Crisis and Reinvigorate Communities
Emily Block, Kutay Guler

Changes in Indoor Environmental Quality Satisfaction Among Employees after Design Renovation
Suyeon Bae, Abimbola Asojo

Socially Just Design

creating just societies

(Re)Imagining Education: Solution-Generating for Justice with Disabled Girls of Color
Amanda L Miller

"Dignified Home, Clearer Path, Stronger Future": Using Interior Design to Support Family Stability
Valerie Settles

Sustainable Birth: Creating Just Spaces in Maternity Settings
Davis Harte, Doreen Balabanoff, Nicoletta Setola, Elizabeth Newnham, Alessia Macchi

Health & Well Being

building just communities

Risk, Crisis, and Learning in Water and Health: Exploring How Water and Health System Failures Promote Learning about Resilience
Kristin Taylor, Paul Kilgore, Nancy Love, Richard Smith

Fog + Flood: Blending Public Health and Participatory Design to Build Place-Based Water Infrastructure in Two Peruvian Informal Communities
Rebecca Anne Bachman

Building Resilient Communities to Support the Health and Wellbeing of Venezuelan Refugees in Brazil and Colombia
Adriana A Portella, Sinval Xavier

H.E.A.L.T.H.: Designing for Safety and Equity
Vincent Gomez, Rachel Cheree Garthe, Samuel Romero Mendez, Clare Johnson

Educational Communities

building just communities

Built Pedagogies: Design for a New School Community in Northwest Detroit
Ana Pallares, Jonathan Russell Rule, Jen Maigret, Craig Borum, Jessica Yelk

Immersive Learning: Cultivating Design to Support Social Justice
Sarah Keogh

full schedule

friday may 21, 2021

Back to the Future of the Urban University: Academic Reflexivity and Condemnation in Post-Civil-Rights-Era America
Bader AlBader

Informing the Renovation of Quebec's High Schools: The Contribution of Employees' Uses and Perceptions of Their Workplace
Michel Després, Andrée-Anne Porlier, Marie-Claude Tessier, Carole Despres

Ecological Management

framing just worlds

Mapping Social and Natural Hazards: A Survey of Potential for Managed Retreat in the United States
Karim Ahmed

Incinerator Incorporated: Entangling Land Tenure, Governance, Service Provision, and Urban Morphology
Salvador Lindquist

Sustainable Development Goals in Higher Education in Saudi Arabia: Policy Implications from Vision 2030
Rehab Aburas, Samaher Fallatah, Mohammad Nurunnabi

Designing Protective Actions from Emerging Environmental Pollutants like Microplastics
Rahul Mitra, Najma Akhther, Lacey Brim, Yongli Zhang, Carol Miller, Donna Kashian, Michelle Beloskur, Jonathan Weyhrauch, Kathleen Sexton

Public Space: Parks

designing just places

Designing Age-Friendly Parks : Using a Photo-Choice Tool to Understand Youth Engagement within Neighborhood Parks
Parisa Ziaesaeidi, Debra Flanders Cushing, Tracy Washington, Laurie Buys

Community Stewardship in the Aftermath of California Golf Courses
Elyse Mack

The Creation of Pocket Parks As Contemporary Social Spaces - Zion and Breen Revisited
Rainer Sachse, Frank Sleepers

Just Park: Examining Pluralisms in Public Place
Douglas Pardue, Jon Calabria, Sungkyung Lee

10:00 am - 11:30 am

Group Sessions

SYMPOSIUM: Pedagogies for Designing Spatial Justice

Ceara O'Leary, Karen Kubey - Co-Organizers

framing just worlds

Visualizing Health Equity
Karen Kubey

Reconfiguring Sites: Collage As a Pedagogical Tool in the Design Process
Zannah Mae Mattson

The Homeless Landscape of Shelter Space in Eugene, Oregon
Cory Parker

Emotional Education in Architecture: An Experiment
Menna Agha

SYMPOSIUM: Engaging Vulnerable Communities during COVID-19: Questions, Trials, and Outcomes

Yekang Ko, Jefferey Hou

building just communities

Community Engagement during COVID-19: A Review of the Emerging Literature and a Case Study of Opportunity Village in Eugene, Oregon
Yekang Ko, Briana Meier, Barbara Muraca

Community Engagement Practices during Covid-19: Navigating Institutional Challenges
Mallika Bose

To Begin with Words and End up with Images Was a Gift
Charleston Yi, Yanhua Lu, Kofi Boone, Celen Pasalar, Marcia McNally, Randolph T Hester

Seattle Street Sink: Design Activism for Distributed Infrastructure during the Pandemic
Jeffrey Hou

SYMPOSIUM: Public Space in the New Urban Agenda: Research into Practice for Cities for All

designing just places

Evaluating Public Space
Vikas Mehta

The Anthropology of Space and Place
Setha Low

full schedule

friday may 21, 2021

Reconstituting the Urban Commons
David Brain

SYMPOSIUM: Power and Place: Remaking Places and Spaces Together

Danielle Lake - Organizer

building just communities

David Marshall, Shineece Sellars, Bobbi Ruffin, Lucy Garcia

11:15 am - 11:30 am

1:1 Networking

11:30 am - 12:45 pm

Abstract and Paper Sessions

Hospital Design Research

supporting just movements

designing just places

Investigating Today, Designing Tomorrow: Application of Research to Inform a New Ambulatory Center

Kara Freihofer, Tanya Chadha, Anoosha Baladi

Transformation of Hospital Design after a 'Disaster' or 'Unforeseen Event'

Sharmin Kader

Comparing the Clinical Team's Perception of the Surgical Environments between a High-Fidelity Physical Mock-up and a Post-Occupancy Evaluation

Anjali Joseph, Sahar Mihandoust, David Allison, Deborah Wingler, Herminia Machry

Where to Locate High Fall Risk Patients: Nurses' Subjective Perceptions and SPACE Syntax Objective Analysis

Mahshad Kazem-Zadeh, Sherry Ahrentzen, Ronald I. Shorr

Local Justice

creating just societies

Why Did Sidewalk Labs's Quayside Project Fail? -- the Practical and Institutional Difficulties of Smart City Practice

Jun Wang, Ellen Dunham-Jones

Women and Water: Lessons from Vernacular Landscape Infrastructure in India

Yanni Xu

Exploring the Possibility of Supporting the Work Environment for Front-Line Workers: A Case of Meat and Poultry Processing Facilities

Jinoh Park, Hochung Kim

Contesting "Facts," Foregrounding Grassroots Expertise, and Creating Responsive Institutions: A Collaborative Ethnography of Organizing for Water Security in Detroit

Rahul Mitra, Nadia Gaber, Roslyn Bouier, Sharon Howell

Landscape Architecture

designing just places

Sustainable Interfacing of Landscape Architecture: Form and Aesthetics in the Landscapes of Diana Balmori and Associates

Anna Visilia, Madison Long

From the Paradise of Beit Shean Valley to the Contested Landscape of Spring Valley: Water Amenities, Environmental Justice and Politics

Tal Alon Mozes

Cross-Cultural Design in Landscape Architecture: Working with Marginalized Communities in Rural India

Alpa Nawre, Leslie Ann Boyle-Milroy

Connecting People with the Urban Waterfront through Landscape "Improvements"

Miza Moreau

Development Theory

building just communities

Home Design and Child Self-Regulation Building Just Communities: A Theoretical Exploration

Reem Bagais, Debajyoti Pati

The Climate Adaptation Refuge: A Feminist Intersectional Approach to Building Just Spaces and Resilient Communities

Ana Terra Amorim Maia

An Odd Coupling: Poundbury and the Prince's "Vision of Britain"

Eylem Keskin

Equity and Inclusion in D4CR: Design for Community

Regeneration

Jonee Kulman Brigham, Tim Griffin

full schedule

friday may 21, 2021

Simulation as Assessment

accessing just technologies

Measuring the Psychological Markers of Wildlife Encounters Using Virtual Reality Environments
Jenan Abu Fadal, Bushra Obeidat

Identifying Flow Disruptions in a Physical Mock-up of a Pediatric ICU: An Evaluation of a Three-Phased Scenario
Sahar Mihandoust, Anjali Joseph, Nora Colman, Seyedmohammad Ahmadshahi

Understanding Art Museum Usage Patterns By Virtual Reality Technology
Dingyi LIU, Bo Zhang, Zhongzhong Zeng

Impacts of Ceiling Height and Spatial Depth on Small Space Experiences: A Case Study of Tiny Homes Using VR Simulation
Seoyoung Lee, So-Yeon Yoon

Housing Design

designing just places

Alternative Domesticities: Housing Design through Fictional Narrative
Jason Carlow

Post-Occupancy Evaluation of a Student Apartment Building
Corey Schnobrich

The Cultural Appropriateness of Housing Design: Responding to Local Housing Culture with Earthquake-Relief Architecture in Chiang Rai Province, Thailand
Poom Subpaiboonkit

Building the Housing Step-Ladder: Producing and Consuming the Architecture of the Gaothans of Navi Mumbai
Shreyonti Chakraborty

11:30 am - 1:00 pm

Group Sessions

WORKSHOP: Research Engagement in the "We are NOT in this together" Era

building just communities

Tasoulla Hadjiyanni, Deni Ruggeri, Mallika Bose

WORKSHOP: Opening the Doors: Questioning Aesthetic Gatekeeping "Norms" for Photography

framing just worlds

Anne C Godfrey, Emma Froh

WORKSHOP: Finding Your Way to Better Wayfinding Assessment Tools

designing just places

Margaret Calkins, Peter R Hecht

12:45 pm - 1:30 pm

Visual Sessions

Digital Media Shorts 2: Landscape/Housing

designing just places

Manitoba Farmstead Shelterbelts: Sounds, Stories, Design
Brenda Brown

Do Design and Plane Plan of Living Spaces Affect Elderlies' Walking Stability?
Rei Nara, Natsuko Nagasawa, Yuji Ohta, Qin Wang

A Discovery Tour Along Transformed Spontaneous Urban Vegetation
Frank Sleepers

Poster Discussion 4: Campus Planning

building just communities

designing just places

Designed for Collaboration: A Mixed Methods Inventory of Postsecondary Innovation Center Buildings
Ashley Elizabeth Tannebaum

The Influence of Domestic Political Transition and Overseas Approaches to Campus Planning Development - Case Studies of Ethiopian Public University Campuses
Tinbete Alemayehu, Naoko Saio

full schedule

friday may 21, 2021

Multicultural Space Design: The Impact of Campus Physical Environment on Multicultural Competencies of Students in Higher Education Institution
Rabia Faizan, Suk-kyung Kim, Eunsil Lee

The Relationship between University Campus Development and Urban Context through the Industrial Site Conversion.
Kengo Mitsui, Naoko Saio

Poster Discussion 5: Education

designing just places

Designing 'Safe' Schools: Identifying Areas of Research in School Safety & Security
Michael S. Nowak

Reassessing the Role of the Hallway in Education Facilities
Elizabeth Koenig, Tina Patel

Revitalizing a Closed Public School into a Shared Workspace: A Design Method Involving Users from Small Start-up Firms in South Korea
Jaeyeon Seo, Minjung Cho

An Analysis of Transitional Spaces and Their Role during the COVID19 Pandemic in Korean Academic Buildings
Sabeen Durrani, Suk-kyung Kim

Using Research to Guide the Future of Informal Learning Space Design
Miyounghong, Annie Mimick, Ashlynn Engelhard

Poster Discussion 6: Design

framing just worlds

building just communities

designing just places

Gender-Inclusive Design Guidelines Applied to a Gender-Inclusive Dollhouse
Ray Rayburn

Qualitative Analysis of Occupants' Space-Use Patterns in Residential Units
Hebatalla Nazmy, Suk-kyung Kim, Eunsil Lee

Outside-inside-out: An Epiphany for a More Inclusive Design Process
Andrea Sosa Fontaine

Re-Development of an RMG Complex: Ensuring Co-Existence of the Natural and the Manmade
Razib Hassan Chowdhury, Khairun Fahmi, Tahsin Adiba Rahman

The Prisoner's Apothecarts: Mobilizing Prison Abolition
Emilie Taylor Welty

1:00 pm - 1:30 pm

1:1 Networking

1:30 pm - 3:00 pm

Transdisciplinary Plenary

Social Justice, Culture, and Public Space

Setha Low, Julian Agyeman, Jeff Hou, James Rojas

3:00 pm - 3:15 pm

1:1 Networking

3:15 pm - 4:30 pm

Abstract and Paper Sessions

Designing Mobility

designing just places

Walking with Augmented Reality (AR): How AR Wayfinding Applications Influence People's Perception to Open Spaces?
Yanhua Lu, Maozhu Mao

Nudging Pedestrians to Safer Street-Crossing: An Interdisciplinary Research Initiative for Transport for London
Lily Bernheimer

Terror at the Traffic Stop: Immigration Federalism Policy and Suburban Mexican Transportation Infrastructure in the Nuevo South
John Arroyo

Healthcare Design

designing just places

The Impact of Daylight Versus Window Views on Health Outcomes: A Mixed-Methods Study of Patients with Heart Disease in a Cardiac ICU
Roxana Jafarifiroozabadi, Anjali Joseph, Andrea Franks

The NICU Evolution: Assessing Design Factors of Open Bay and Single-Family Room Designs in the Neonatal Intensive Care Unit
Lindsey Fay, Kevin Real, Joshua Santiago, Shannon Haynes

full schedule

friday may 21, 2021

Designing for Family Engagement in the Neonatal ICU: An in-Depth Look at Single-Family Rooms
Herminia Machry, Anjali Joseph

Rethinking the Design of Stroke Rehabilitation Clinics
Maja Kevdzija

The Interaction of Cognitive Processing Style and Emotional Response for Biophilic Design in Patient Wait Room Experiences
Jisun Lee, So-Yeon Yoon

Green Behavior and Resilience

building just communities

Determine Opportunities for Adding Vertical Greening in Cities: Use Downtown Chicago As a Case
Jingyi Li, Brian Deal

Resilience and Renewal of Vulnerable Neighbourhoods: Green Infrastructure, SDGs and Biophilic Patterns in Joint Action
Eleni Tracada

Community-Led Nature Initiatives: Case Study in Dhaka Bangladesh and Medellin Colombia
Diana Benjumea, Nazwa Tahsin

Examining the Effect of COVID-19 on the PRO-Environmental Behaviours of Vancouver Households
Raymond Anastacio Belmonte

Community Housing Policies

building just communities

Mass Housing in the United States: A Legacy Worth Reclaiming
Michael Allen

A Collaborative Rethinking of the Affordable Housing Model in a Rapidly Gentrifying City
Emilie Taylor Welty

Relational Modularity: Affordable Housing Based on Non-Market Strategies in a Neo-Liberal Context
Nadia M. Anderson

Arthurdale Reviewed: Sustainable New Deal Housing in Appalachia
Gregory Galford, Lisa Marie Tucker

Educational Trends

supporting just movements

Transdisciplinary Pedagogy: Impact on the Arts and Design Disciplines
Cherif Amor

Lessons from Bayou Road
Maggie Hansen

Students' Perspectives on an Inclusive Curriculum, and Equity and Diversity in Design Education: A Comparative Analysis of Four Design Programs
Elif Tural, C.L. Bohannon, Elham Morshedzadeh, Sharone Tomer

Promoting and Managing Risk in the Design Studio
Marlo Ransdell, Chasen Bloch

Resource Management

sharing just resources

The Influence of Green Roof Type on Architectural Design Decisions: Quantifying Urban Heat Island Indicators in the Flint Hills Ecoregion
M M Lekhon Alam, Lee R. Skabelund, Michael Gibson, Charles W. Rice, Timothy Todd

Roadside Vegetation Design and Management: Interpretation Determines Impacts
Ellen White

Large Dams and Decentralized Landscape Infrastructure Systems: Comparing the Johad System and Bisalpur Dam in India
Alpa Nawre, Xiaoyu Zheng

Addressing Water Scarcity through Equitable Water Sensitive Design: A Review of Emerging Multiscale Approaches
Alessandro Stracqualursi, Maria-Beatrice Andreucci

3:15 pm - 4:30 pm

Group Sessions

COLLABORATION: Built Environment as Hostage Negotiator: Homeless Shelter Design Reconsidered

framing just worlds

Jill Pable, Mallori Hamilton, Jennifer Hutchinson

COLLABORATION: Community Participation and Accountability: Case Study in East Davison Village, Detroit. Developing Tools toward Design and Political Accountability in Public Space Projects

building just communities

Emily Staugaitis, Latrina Conway, Patricia Cortner

full schedule

friday may 21, 2021

COLLABORATION: Decolonizing Design Research: Scholarship, Application, Activism & Assessment

sharing just resources

Eve Klein, Fauzia Khanani

COLLABORATION: Transforming Community and Engagement in Schools through Design

designing just places

Raechel French, Anjana Sivakumar

COLLABORATION: The Nature of Transdisciplinary Method: A Panel Discussion

framing just worlds

Constance Bodurow, Libby Balter Blume, Ozlem Demir

4:30 pm - 5:30 pm

1:1 Networking

4:30 pm - 5:30 pm

Mobile Sessions

Exploring Design Core's Design Guide for Real Estate Development

designing just places

Design Core Detroit, Detroit Disability Power, Allied Media Projects, Quinn Evans

Freedom House Detroit: Seeking Asylum, Finding Community

supporting just movements

Freedom House Detroit

Sowing Seeds, Growing Just Societies

creating just societies

HUDA Clinic and Urban Garden, Southwest Detroit Environmental Vision, Manistique Community Treehouse Center

4:30 pm - 5:30 pm

KN Meetings

full schedule

saturday may 22, 2021

10:00 am - 5:30 pm

Lounges & Expo (Open All Day)

10:00 am - 11:15 am

Abstract and Paper Sessions

Ethical Practice

designing just places

Practicing Architecture in the
Global South: Case Studies
Jori Erdman

A Multi-Level Perspective for Linking
Planning and Design for Social
Good
Peter Aeschbacher

The Innocent Architecture
Hala Barakat

Access and Abilities

creating just societies

Investigation of Using Biophilic
Sensorial Stimuli to Improve Mood
and Behavior of Persons with
Dementia
Susan G. Booher

Accessible Environment for
People with Cognitive Disabilities:
Toward an Integrative Theoretical
Framework and Future Research
Yeji Yi, Natalie Ellis

Housekeeping Challenges and
Response Strategies of Older Adults
Aging in Place with a Long-Term
Mobility Disability
Widya Aulia Ramadhani, Wendy A.
Rogers

Designing Environments to
Enhance Speech Communication
Experiences of Individuals with Mild
Cognitive Impairment
Clayton Feustel, Selen Okcu, Gabrielle
Conrad Campiglia, Craig Marshall
Zimring

Design Studios

framing just worlds

building just communities

The Interschool Student Design
Conversation: A Collection of Visual
Essays from University Students in
the Washington, DC Area
Robin Puttock, John Jones, Bianca
Briscoe, Stephanie Walker, Brittney
Sooksengdao

Users' Stories: Unruly Artifacts of a
Community-Engaged Design Studio
Michael McCulloch

Peel to Reveal: Chronicle of a
Neighborhood Studio
Sara Khorshidifard

Revisiting the Diag: Participatory
Research for Spatial Equity and
Social Sustainability
Eda Bozkurt, Kimia Erfani, Budianastas
Prastyatama

Advancing the Mission of a Publicly
Accessible Nature Preserve
through Full-Scale Prototyping and
Construction Documentation
Nathan Bicak

Public Space: Play

designing just places

The Tool for Observing Play
Outdoors (TOPO): A New Typology
and Tool for Capturing and
Examining Children's Outdoor Play
Behaviors and Environments
Janet Loebach, Adina Cox

Role of Design and Equitable Public
Space Planning in Increasing Play
Value of Playgrounds
Ipek Kastan-Uzun, Oylum Dikmen-
Guleryuz

Play-Supportive Public Places: An
Analysis of Local Initiatives Among
Child-Friendly Municipalities in
Quebec, Canada
Juan Torres, Clément Chevalier, Maryse
Bédard-Allaire

Mobilizing the Landscape

framing just worlds

Measures of Harm: The Impact of
Detroit's Project Green Light As
Urban Infrastructure
Rebecca Smith

Gamifying Scenario Planning to
Enhance Sustainable Practice:
Oyster Habitat Restoration in New
York Harbor
Yisha Su, Courtney Knapp, Eve Baron

Grown in Singapore: An MLA
Design Studio Explores Ten
Landscape Typologies for
Designing Multi-Functional
Productive Landscapes
Jessica A. Diehl

full schedule

saturday may 22, 2021

Mobilizing Landscape Architecture
Against Urban Precarity: Framing
an Applied-Philosophy Approach
through the Works of Henri
Maldiney, Paul Ricoeur, and
Jacques Rancière
Alexandre Champagne

Educational Places

sharing just resources

creating just societies

Impact of Built Environment
on Learning Behaviors: A
Comprehensive Review of the Past
20 Years (2000 – 2020)
Dane Rivas-Koehl, Muntazar Monsur,
Elnaz Nahirafee

Energy Literacy in the Green
Outdoor Classroom: A Comparison
of Two Public Elementary Schools
Sepideh Fallahhosseini, Laura Cole

Green Schools As Pedagogical
Tools: Exploring Integration,
Teaching, and Equity
Victoria Derr

Partnering with Practitioners
to Investigate K-12 Learning
Environments
Caryn Brause, Dorrie Brooks

10:00 am - 11:30 am

Group Sessions

SYMPOSIUM: Critical Perspectives on Urban Space and Social Justice

Setha Low - Organizer

framing just worlds

Introduction
Setha Low
Staying Power: The Black Struggle
for Home and Place in Crown
Heights, Brooklyn
Erin Lilli

Navigating Ambiguity in the Secret
Smart City
Troy Simpson

Informal Learning Spaces and
Social Equity on an Urban Campus
Eve Klein

Social Access to Parks: Socio-
Cultural Correlates of Park Use in
Low-Income Neighborhoods
Javier Otero Pena

SYMPOSIUM: Reframing DIY Urbanism from the Global South: Planning Just Cities

Jennifer Hart - Organizer

designing just places

Informalization As a Historical
Process: Regulation and Colonial
Rule in Accra, Ghana
Jennifer Hart

Planning from the South: Do-
It-Yourself Urbanism, Climate
Adaptation, and Neoliberal
Governance in Lusaka and Detroit
Stephen Marr, Patience Mususa

Looking Beyond Planning and the
Physical City
Cristina Udelsmann Rodrigues

Marginality and DIY in Lilongwe City
in Malawi: Contours of Resiliency
Jonathan Makuwira

SYMPOSIUM: Two Capstones, One Vision. Building Thriving Communities: Moving Toward Anti-Colonialism Amidst Global Crises; and, Strengthening Neighborhood Connectivity Through Land Conservancy in North Corktown

Lara Wasner, Ian McCain - Co-
Organizers

building just communities

Ray Stoesser, Colleen Young, Donna
Murray-Brown, Cortney Smalley, Linda
Lanoue

SYMPOSIUM: Youth Participatory Action Research: Nurturing Capacity in Contested Space

Maren King - Organizer

creating just societies

Making Sense of (Their)Place: How
a YPAR Team Translated Research
into Action
Maren King

Lessons from the Field: Youth
Participatory Action Research
(YPAR) and Interdisciplinary Inquiry
As Frameworks for Just Research
and Practice
Christina M. Limpert

Participatory Action Research As
a Community Empowerment and
Leadership Development Model
Leah Russell

11:15 am - 11:30 am

1:1 Networking

full schedule

saturday may 22, 2021

11:30 am - 12:45 pm

Abstract and Paper Sessions

Medical Workplace Research

designing just places

Exploring the Relationship between the Surgical Table Orientation in the or and Flow Disruptions in the Intra-Operative Phase
Anjali Joseph, Sahar Mihandoust

Nursing Staff Strategies: Mitigating Falls Risks Associated with Unit Design
Chad Radwan, Bridget Hahm, Mahshad Kazem-Zadeh, Gail Powell-Cope, Sherry Ahrentzen, Stephen Luther, Ronald I. Shorr

Impact of Workstation Design on Noise Levels and Perceptions of Speech Intelligibility during Emergency Physician Handoffs
Rutali Joshi, Anjali Joseph

Comparison of Circulating Nurse's Workflow in Pediatric Operating Rooms Pre and Post Optimization
Roxana Jafarifiroozabadi, Anjali Joseph

Community Mobility

building just communities

Communities of Access: Walkable Design, Transportation Technology, and Non-Drivers
Daniel Piatkowski

Urban Morphology and Young People's Walking Behaviour: An Empirical Study in Izmir, Turkey
Burcak Karli, Ebru Cubukcu

Environmental Features of Outdoor Public Space for Supporting Social Interaction of the Elderly Aging in Place: A Case Study of Two Community Parks
Fei Lian, Ziyi Yang, Bailing Ding

Subjective Aspects of Thermal Comfort: A New Approach to Assessing the Impact of Psychological Factors on Thermal Experience
Mohsen Garshasby, Renata Hejduk, Chingwen Cheng, Paul Coseo, Eric Margolis

Advocacy with Mobility Data: Making Streets Safer for Micromobility
Eli Alston-Stepnitz, Angela Sanguinetti, Melissa Ruhl

Design for Children

designing just places

Design of Visiting Spaces at Correctional Facilities with Children's Needs in Mind: A Systematic Narrative Literature Review
Aybuke Geyik, Kristín Thorleifsdóttir

Connections between Light Quality, Concentration, and Wellness
Darcie Davis-Gage, Gowri Betrabet Gulwadi, Kristin Meany-Walen, Emily Barnes

Responding to Diverse Student Needs through the Design of the Physical Learning Environment: A Social Sustainability Approach
Renee Mantooth, Kevin Mark Bonnell

Transdisciplinary Approaches to Biophilic Design: Promoting Children's Well-being in Primary Schools
Rokhshid Ghaziani, Mark Lemon

Inclusion and Diversity

framing just worlds

designing just places

Behavioral Mapping in a Long Term Care Home for Persons Living with Alzheimer's and Related Dementias
Shauna Mallory-Hill, Barbara Borges, Nicole Dunn, Lorna Guse, Kerstin Roger, Michelle Porter

Promoting Inclusion and Empathy: Access Audits As a Research Method
Julie E. N. Irish

A Theoretical Model to Research the Designed Environment to Benefit Individuals with Autism
Julie E. N. Irish

Teaching Cultural Competency: A Foundation for Designing Just Environments
Jayoung Koo, Yiwei Huang, Patsy Eubanks Owens

Designing Harmony: Using the Elements and Principles of Design to Understand the Complexities between Solidarity and Diversity through Balanced Representation
Laura C Kimball

Information Systems

sharing just resources

accessing just technologies

Piloting a Distributed Low-Cost Sensor Network to Democratize Particle Pollution Data
Emily Schlickman

full schedule

saturday may 22, 2021

Caltrans' Implementation of SB743: Micro-Scale Urban Design, Equity, and Offsite Mitigation of VMT
Mariela Alfonzo

Optimizing Adaptive Building Envelopes for Positive Efficient Relationships with Arctic Climates: Integrate Biophilia and Photobiology with Thermal and Energy Indicators
Mojtaba Parsaee, Claude MH. Demers, Marc Hébert, Jean-François Lalonde, André Potvin

The Integration of BIM Technologies into Interior Design Curriculum
Erin Alford, Sarah Angne Alfaro

Green Space

designing just places

Nine Criteria for Planting Suitability of Vertical Greening
Jingyi Li

Nearby Urban Nature and Psychological Sustainability. Impact of Urban-Landscape Design of Green Public Spaces on Environmental Restoration and Pro-Ecological Behaviors.
Arturo E. Villalpando-Flores

The Relationship between Landscape and Mental Health: Single Large Versus Several Small Green Spaces?
Jaeyoung Ha, Hyungjin Kim

Perceptions of a Newly Constructed Greenway Trail: Identifying Barriers and Facilitators for Physical Activity
Zorana Matic, Yeinn G Oh

Towards a More Just Design: the Potential Mental Health Benefits of Natural Green Elements
Hossein Saedi, Arthur Roy Rice

11:30 am - 1:00 pm

Group Sessions

WORKSHOP: (re)Claiming Public Spaces: Learning from the COVID-19 pandemic

designing just places

Miodrag Mitrasinovic, Vikas Mehta, Setha Low, Jeffrey Hou, Rachel Berney

WORKSHOP: Re-placed: Lessons from a Pandemic on Relationships to Place and Place Attachments

framing just worlds

Lynne Manzo, Patrick Devine-Wright, Andrés Di Masso, Laís Pinto de Carvalho, Lynne Manzo

WORKSHOP: The Search for Authentic Identity in an Era of Diverging Truths

creating just societies

Scott Crisman Sworts, Lynn Paxson, Joseph Juhasz, Joern Langhorst, Leila Tolderlund

WORKSHOP: Workshop on Human Scale Business as the Mode for Organizing Work within an Urban Community

building just communities

Neil Hawkins, Michael Shesterkin

WORKSHOP: Democratic Landscape Education as Transformative Act: Developing Competencies and Assessing Design Students' Social Agency During the COVID-19 Pandemic

building just communities

Jeroen de Vries, Deni Ruggeri, Ellen Fetzer, Anna Szilagyi-Nagy

12:45 pm - 1:30 pm

Visual Sessions

Digital Media Shorts 3: Design

building just communities

sharing just resources

designing just places

Master of Community Development Graduate Student Cultural Asset Map of Cuba: Connecting Resources, Documenting Assets, and Considering What We Can All Learn from Cuba
Ian McCain, Linda Lanoue, Colleen Young

A Fantasy Virtual Classroom
Li Han

After Architecture: Life As a Sequence of Thresholds and Edge Conditions
Ross T. Smith

Poster Discussion 7: Ecology

building just communities

Change of Residential-Working Districts in Fishing Villages in the Tsunami-Affected Area of the Great East Japan Earthquake
Kosuke Ogaki

full schedule

saturday may 22, 2021

Greenspace Morphology Predicts
Morbidity
Huaqing Wang, Louis Tassinari

Temporary Evacuation Possibilities
Based on the Evacuation Behavior
of Vulnerable People in Major
Earthquake Events
Yeling Yang, Momoyo Gota

Use of Collaborative Aquatic
Research to Increase Participation
of Underrepresented and
Marginalized Students in
Environmental Health Studies
Adrian Vasquez, Victor Carmona-
Galindo, Carol Miller

Layers of Resilience: Addressing
Vulnerability of Small Coastal
Florida Communities with a Design-
Based Approach
Eliza Breder, Cleary Larkin, Jeffrey
Carney

Poster Discussion 8: Eco-Design

designing just places accessing just technologies

Housing Construction Method
Against Floods in Bago, Myanmar
Daichi Ito, Yudai Ichise, Chiaki Konishi,
Yuka Honda, Hiroshi Tsuchida

A Study on the Eco-Friendly Design
Characteristics of Eco-Friendly
Cosmetic Brand Stores
Sunghyun Moon, Yeonsook Hwang
Advanced Modular Housing Design
for High-Efficient, Affordable, and
Resilient Post-Disaster Housing
Forough Foroutan Jahromi, Jeffrey
Carney

Design Features of LEED
Commercial Interior Certified
Projects in Korea
Seonju You, Suk-kyung Kim

Living Data Pods: Accessible
Technology for Citizen Science and
Environmental Activism
Elizabeth Marley, Margaret Ikeda, Beth
Ferguson, Dyche Mullins, Lili Mao, Evan
Jones, Shawn Douglas, Maia Yoshida,
Keehyun Ryu, Yitian Ma, Athena Lin

Poster Discussion 9: Wellness

building just communities designing just places

Diving into Existential Authenticity:
Identifying Transformative
Experiences in a Wellness Resort
Setting
Chasen Bloch

Developing Typologies for the
Five Modes of Work: A Case Study
in Designing Supportive Work
Environments
Julia Schettler, Jae Hwa Lee

Analysis of Hotspots of Urban Sound
Environment Concerns Based on
Text Mining of Citizens' Livelihood
Data in Beijing
Ziqi Li, Tianjie Zhang

Exploring the Effect of Color
in Biophilic Imagery on
Restorativeness and Affect in
Hospital Patient Rooms
Natalie Verdiguél, Jisun Lee, So-Yeon
Yoon

Measuring the Significance
of Therapeutic Healthcare
Environmental Criteria:
Architectural Design Practitioners'
Perspectives
Minjung Cho

1:00 pm - 1:30 pm

1:1 Networking

1:30 pm - 3:00 pm

Closing Keynote

Collective Difference
Justin Garrett Moore

3:00 pm - 3:15 pm

1:1 Networking

3:15 pm - 4:30 pm

Abstract and Paper Sessions

Person-Environment Interaction

framing just worlds designing just places

Seniors and the Biophilia Effect:
The Impacts of Exposure to Indoor
Nature and Nature-Imagery on the
Well-Being of Seniors in Long-Term
Care
Ann Christopher-Callaghan, Emily
Grant, Janet Loebach

Accessible and Walkable
Neighborhoods and Psychological
Well-Being: Analyzing the
Relationship Using Social Media
Narae Lee

Empathic Analytics - Measuring
Emotional Response in the Built
Environment
Mike Sewell, Lesa Lorusso

Designing an Office Environment
to Reduce Sedentary Behavior:
Results from a Rigorous Natural
Experiment
Abigail Heithoff, Jeri Brittin, Renae Rich,
Francesca Jimenez

full schedule

saturday may 22, 2021

If "Green Walls" Could Talk:
Designer and Occupant
Perspectives on Biophilia and
Sustainability in a LEED Platinum
Building
Erin M Hamilton, Anne Herndon, Ashley
Grzywa, Heather Holdridge

Environmental Responsibility

designing just places

Mold in Michigan: A Social Justice
Issue
Heidi McGowan

Adapting to Climate Migration: Co-
design Strategies to Achieve a Just
and Resilient Urban Development
of Peripheral Florida
Carla Brisotto, Cleary Larkin, Jeffrey
Carney

Inland from the Coast: Engaging
Stakeholders to Design Resilient
Communities in the Face of
Uncertainty
Rachelle Trahan, Traci Birch

Signaling Green: An In-progress
Study of Effective Signage in the
Green Residence Hall
Laura Cole, Erin M Hamilton

Design Thinking

framing just worlds

The Future Is Ours to Imagine: Using
Worldbuilding to Create More
Participatory, Equitable Urban
Futures
Johanna Hoffman

Design Culture and Agency: The
Production of a Process
B.D. Wortham-Galvin

Raising Social Awareness of
Climate Change By Creating a
Page-a-Day Calendar through
Design Thinking
Yu Morimoto, Shota Tajima

Higher Education Research

designing just places

Rise of the Community Learning
Center
Julie Williams Lawless, Nadia Zhiri

Using the Psycho-Environmental
Potential Model to Advocate for
Spatial Justice: A Higher Education
Study to Explore How Campuses
Promote Wellbeing and Inclusion
for Diverse Students
Kevin Mark Bonnell, Simon Coulombe

Socially Inclusive Places on College
Campuses: Results of a Multi-
Campus Participatory Mapping
Study
Brian Schermer, Mahshid
Jalalianhosseini

What Do Professors Want?:
Classroom Design Preferences of
University Instructors
Melinda J Milligan, Debora A. Paterniti

Designs for Aging

building just communities

designing just places

Essential Architectural and Urban
Characteristics in a Retirement
Home in Montreal: The Residents'
Point of View
Rana Boubaker, Paula Negron, Ernesto
Morales

A Theoretical Exploration of
Physical Design and Its Role in
Reducing Loneliness in the Elderly
Eman Nasrallah, Debajyoti Pati

Assessment of Lighting in Older
Adults' Living Environments and Its
Relationship with Sleep and Mood
Nastaran Shishegar, Mohamed
Boubekri, Wendy A Rogers, Elizabeth
Stine-Morrow

Inter-Generational Justice through
the Amplification of the Senses: An
Upper-Level Architecture Design
Studio Project
Allegra Pitera

Environmental Design Suggestions
to Enhance Physical Activity in the
Elderly Population
Arsalan Gharaveis, Dak Kopec, Laura
Burleson

Experiences of Nature

sharing just resources

Everyday Landscape Experiences
As Cultural Ecosystem Services That
Promote Urban Sustainability
Jiayang Li, Joan Iverson Nassauer

Crows As Urban Network Actors:
Reanalyzing Urban Strategy from
the Sensory of Urban Animals
Pitchawut Virutamawongse, Hirofumi
Minami

Urban Interventions Using
Augmented Reality to Foster
Positive Perceptions of Nature
Tracy Corado

School Gardening Interventions As
a Tool to Develop Environmentally
Literate Future Citizens
Matluba Khan, Ruth Bell

full schedule

saturday may 22, 2021

3:15 pm - 4:30 pm

Group Sessions

COLLABORATION: Cool Streets, Cool Communities

designing just places

Lindsay Fischer, Mark Muster

COLLABORATION: Detroit's Joe Louis Greenway: Meditations on Planning for & Tracking Equitable Access

building just communities

Kenneth Kokroko, Derek Van Berkel, Meagan Elliot

COLLABORATION: Project Héroe: A Research-Based Architectural System for Addressing Healthcare Gaps in the Pandemic Age and Beyond

creating just societies

Peter Bacevice, David Louis Swartz, Andrew Blumm

4:30 pm - 5:30 pm

1:1 Networking

4:30 pm - 5:30 pm

Mobile Sessions

The Why + How of Community-Engaged Design – A Story of the Avis and Elsmere Renovation

framing just worlds

Inside Southwest Detroit, Detroit Collaborative Design Center

Mobility-City: Co-creating Equitable Transportation Solutions in Detroit

supporting just movements

SmithGroup, City of Detroit, Mayor's Office of Mobility Innovation, MoGo

4:30 pm - 5:30 pm

KN Meetings

5:30 pm - 6:30 pm

Members Meeting

full schedule

sunday may 23, 2021

10:00 am - 1:00 pm

Lounges & Expo

10:00 am - 11:15 am

Abstract and Paper Sessions

Educational Contexts

designing just places

Comprehensive Child Support Centers in Japan: Why Do They Exist and What Services Do They Offer?
Ayako Naka

"I Could Climb It!": Student Perceptions of a High School Fence
Elke Altenburger

Studying Gender Inclusion in Learning Spaces
Michael Ralph, Julia Pascutto, Tia Madkins

Diagnosing the Architectural Quality of Elementary Schools to Support Educational Success in Quebec, Canada: Post-Occupancy Evaluation Guidelines and Tools
Andrée-Anne Porlier, Jean-Philippe Thérien, Michel Després, Marie-Claude Tessier, Carole Despres

Inclusive Design

designing just places

Legacy Influences on Spatial Arrangements in Homeless Shelter Design
Yelena McLane

How Design Materializes Conceptions of Justice in the Built Environment

Ann Heylighen, Matteo Bianchin

Using Spatial Analysis on an Environment Designed to Empower People Living with Mild Cognitive Impairment

Fatemeh Rastegar, Yeinn G Oh, Maria Anna Dabrowska, Herminia Machry

A Case Study Investigation of Design Factors in Familiar and Unfamiliar Environments for an Autistic Child
Katie Hansen

Above the Minimum and Beyond: From ADA Compliance to Inclusion for All
Mackenzie Symmes, Sarah Angne Alfaro

Sustainable Agriculture

building just communities

Cultivation and Nourishment: A Phenomenological Exploration of Food-Space
Isabelle Bishop, Christina Donaldson

Aesthetic Equity: How Do Landscape Architects Promote Environmental Justice through Design in Gainesville, FL?
Xueying Geng, Yi Luo

Identifying Climate Change Vulnerabilities to Build Resilience in the Southeast Michigan Food System
David Criss, Brenna Friday, Khurram Imam, Stephanie Osborn

Person-Environment Research

accessing just technologies

Construction and Validation of a Pedestrian Behavior Model Using High-Precision Trajectory Data Gathered with Laser Scanner Sensors

Toshihiro Osaragi, Arisa Homma, Hiroyuki Kaneko

The Effect of Lighting on Emotional States and Behavioral Intentions in Urban Transitional Spaces
Maral Esmaeili, Heather Carter, Tilanka Chandrasekera, Paulette Hebert

Living Data Pods: Sharing Accessible Technology for Citizen Science and Environmental Activism
Elizabeth Marley, Margaret Ikeda, Beth Ferguson, Lili Mao, Dyche Mullins, Shawn Douglas, Evan Jones, Athena Lin, Yitian Ma, Keehyun Ryu, Maia Yoshida

Design Imaginaries

designing just places

Engage the Public Voice Via 3D Design Games: Integration of Game Technologies with Computational Design Regenerates Participatory Design
Fang Xu

Assessment of Outdoor Environmental Comfort: A Preliminary Study Incorporating Lighting and Thermal Evaluation with Soundscape Studies
Hanbing Liang

full schedule

sunday may 23, 2021

Utilization of Interactive 3D Games to Promote Environmental Design in Architectural Studios
Fang Xu

Tourism

building just communities

designing just places

Agritourism: A Sustainable Development Method for Improving Rural Settlements in Jordan. Al- Baqura Village As a Case Study
Amani Hamadneh, Bushra Obeidat

The Types and Planning Strategies of Agritourism Parks
Zhongzhong Zeng, Qingchen Zhu, Bo Zhang

Positive Influence of Biophilic Design on Guest Responses in Hospitality Environments
Jisun Lee

Improving the Airport Experience By Design
Alexis Donnelly

Can Stance on Sustainability Influence Hotel Choice? A Study of Ecological Awareness on Guest Repatronage Intention
Annice Lee, So-Yeon Yoon

10:00 am - 11:30 am

Group Sessions

SYMPOSIUM: Toward Safe and Just Roadways: An Examination of Vision Zero

Nancy Wells, Jeffery Michael - Co-Organizers

building just communities

A Vision Zero Survey: Insights from Leaders in the Field
Leah Shahum

Roadway Safety: A Paradigm Shift Toward Design, Health & Equity
Jeffrey Michael, Nancy M. Wells, Hannah Nicole Bidigare-Curtis, Leah Shahum, Bill Xu, Sheldon Greenberg

The Safe System Approach: Human-Centered Road Infrastructure Design
Matt-Ake Belin

Vision Zero Ithaca
Eric Hathaway, Nancy M. Wells, Nicholas Klein, Julie Carmalt

SYMPOSIUM: Just Parks? Discussing Urban Environmental Justice, (Green) Gentrification, and the Paradoxes of Green Infrastructure

Lucia Arguelles, Javier Otero Pena - Co-Organizers

building just communities

For Whom Is the Climate Protected City? Understanding the Socio-Cultural Implications of Green Resilient Infrastructure in Gentrifying Neighborhoods
Galia Shokry

Park Renovations and Gentrification in Low-Income Neighborhoods in New York City: Residents' Feelings Towards the Parks Paradox
Javier Otero Pena

Towards a Green and Playful City: Understanding the Social and Political Production of Children's Relational Wellbeing in Barcelona
Carmen Perez del Pulgar

Natural Outdoor Environments, Gentrification and Health of Underprivileged Neighborhood Residents in Five Cities from the Global North
Margarita Triguero-Mas

Rail-to-Park Transformations in 21st Century Modern Cities: Green Gentrification on Track
Helen Cole, Lucia Argüelles

SYMPOSIUM: Microbiology and the Built Environment: Opportunities for Environment-Behavior Research

Kim Rollings - Organizer

designing just places

Microbiology of the Built Environment and Occupant Behavior: Relevant Environment-Behavior Concepts and Methods
Kim Rollings

Microbiology of the Built Environment (MoBE) and Behavior Mapping
Janet Loebach

full schedule

sunday may 23, 2021

SYMPOSIUM: Sensing the Environment

Karen Franck - Organizer

designing just places

Follow Your Senses Toward a Better Design
Neda Norouzi

Sound and the City: Using Headphones in Public Space
Chathurthi De Silva

Touching Urban Ground Surfaces
Han Yan

11:15 am - 11:30 am

1:1 Networking

11:30 am - 12:45 pm

Abstract and Paper Sessions

Emotional Health and Wellness

designing just places

Sensory Input for Therapeutic Design

Neda Norouzi, Cristina Michelle Garza

Evaluation of a Pediatric Rooftop Garden Using the Healthcare Garden Evaluation Toolkit (H-GET)
Julia Jaffe

Designing for Mental & Behavioral Health Needs: A Look into Crisis Care Spaces within Emergency Departments
Hannah Shultz

Harnessing Stress in Healthcare Environments: How to Bring Mindfulness into Emergency Departments
Shabboo Valipoor, Sheila Bosch

Wellness Focused Design Guidelines for Equine-Facilitated Psychotherapy Facilities
Lauren Fitzpatrick, Kutay Guler

Environmental Theories

designing just places

Addressing the Social Determinants of Health in Architecture: Possible or NOT?
Traci Rose Rider, Margaret van Bakergem

Whose Beauty? Discussions on Built Environment and Architecture
Helena Marja Teravainen

Intersection: Historic Preservation, Community Archives and Human Well-Being
Kris Kobialka

Higher Education

creating just societies

Exploring the Adaptability of Student Housing Environments to Changes in Student Lifestyle before and after New Normal
Jinoh Park

Creating a Just Curriculum through Stakeholder Collaboration
Eli Typhina

Just, Equitable, Diverse, and Inclusive Program and Education Strategies for Supporting a Diverse Freshman Architecture Class
Sallie Hambright-Belue, Clarissa Mendez

Design for Change: Digital Tools and Games for a Sustainable Future
Gabriel Kaprielian, Renee Jackson

Age-Friendly Communities

building just communities

designing just places

Perceived Interior Environments By Long-Term Care Facilities' Residents
Suyeon Bae, Abimbola Asojo

Disengagement and Re-Engagement in the Mobility Strategies of Older Adults: Investigating Residential Environment through the Lens of Spatial Justice
Michel Després

On-Site Medical Clinics in Senior-Living Facilities
Zhe Wang

Environment-Behavior Research

building just communities

Mixed-Income Neighborhoods in Urban China: An Empirical Study of Mixed Living in Everyday Life
Weican Zuo

The Determinants of Perceived Lighting Affecting the Sensation of Visual Privacy in Public Settings, a Cultural-Based Conceptual Framework
Ohood Al Bathi, Hally ElKony

full schedule

sunday may 23, 2021

Evaluating Equity Toward Environmental Justice in a CBPR Partnership: Findings from a Formative Evaluation
Melanie Ward, Angela Reyes, Amy Schulz, Barbara A. Israel

Understanding Rural Tourist Village Visiting Pattern Using Social Media Data-Take Cuandixia Village, Beijing As an Example
Chongchong Wang, Zhongzhong Zeng, Bo Zhang

11:30 am - 12:45 pm

1:1 Networking

12:45 pm - 1:30 pm

Visual Sessions

Digital Media Shorts 4: Sustainability

framing just worlds building just communities
supporting just movements designing just places

Musical Mangrove
Elja Roy

Making Underserved Communities Healthy and Sustainable: A Theory Building Study
Joongsub Kim

Adapting Waterfronts: A Sea Level Rise Toolkit for Shared Resilience
Gabriel Kaprielian

"A Lifecycle of Waste": Using Video Documentary As Sustainability Research
Aaron William Kadoch

Rejuvenation of Luayuni-Holicchera Tea Estate: Transitioning from Disparity to Co-Existence
Razib Hassan Chowdhury, Tahsin Adiba Rahman, Khairun Fahmi

Poster Discussion 10: Senior Housing

building just communities

A Proposal for University-Sponsored Senior Housing
Dina Marie Zemke, David Martin, Peter Anderson

Difficulties for Aging-in-Place in a Senior Cohousing Community: A Pilot Study
Carly Aldridge, Gabriela Fonseca Pereira

Transition of Livability for the Elderly of Disaster Public Housings in Ofunato City, Japan
Mitoko Nakashima

Poster Discussion 11: Aging

building just communities supporting just movements

Understanding the Built Environment Needs for Rural Aging Population in China
Menghan Liu, Zhongzhong Zeng, Bo Zhang

Older Villagers' Needs and Behavior Using Rural Public Spaces—Taking the Y Village in Henan Province As an Example
Guoxiang Li, Zhe Wang

Older Adults' Outdoor Activities in Residential Communities Near a City Park - Case Study of Zhaohe Park in Henan
Enguang Li, Zhe Wang

Behavior and Environmental Needs of Older Chinese Babysitting Grandchildren in a Residential Community
Yanfeng Li, Zhe Wang

Comparing Changes in Travel Behavior between the Young and Older Adults after Urban Metro Network
Wujie Xu, Wei Lu, Fujia Zhang, Jiexin Bai

Poster Discussion 12: Healthcare Design

designing just places accessing just technologies

Technology, a Friend or Foe? A Systematic Literature Review of Environmental Design in Critical Care
Parsa Aghaei, Sara Bayramzadeh

Auditory Stimuli in NICU and Its Impact on Neonatal: A Systematic Literature Review
Sahar Ahmadpour, Sara Bayramzadeh

Zero-Conflict Emergency Department: An Evidence-Based Approach to Improve Communication and Teamwork within an ED
Seyedehnastaran Hashemi

Assessing Preferences and Perceived Restorative Quality of Break Spaces for Nurses in China
Xiaoyi Zhu, Mardelle McCuskey Shepley

1:00 pm - 2:30 pm

CORE & Great Places Awards 2021 Ceremony

full schedule

sunday may 23, 2021

1:30 pm - 2:45 pm

1:1 Networking

2:45 pm - 4:15 pm

***Free Mobile Session:
Baggage Documentary &
Discussion***

supporting just movements

4:15 pm - 4:30 pm

1:1 Networking

4:30 pm - 6:00 pm

***Closing Ceremony with
EDRA Awards***