

Thursday						
Start Time	End Time	Title	Conference Track	Location	Speaker	Co-Author
10:15 AM	10:45 AM	<b>Lighting a Fundamental Human Need: A Study of Energy Access and Lighting Usage in Rural India</b> <i>Imagine life without light. How do rural communities 'light', when access to electricity is limited? A case study of an Indian rural community of 24 households with limited energy access reveals the community dwellers basic energy and lighting needs, desires and concerns.</i>	Scholarship of Design Research- Social Impact	Symphony 1	Asha Hegde	
		<b>In Memory of Place: Embedding Meaning Through Narrative Generated Design</b> <i>The project developed from the desire to create objects that connect users to place and time and to embed meaning in form through a narrative-generated design process. The resulting bench tells a story through materials, construction and installation, and intends to invite users to explore the object and continue to shape it's meaning.</i>	Creative Scholarship - Design as Idea	Symphony 2	Rene King	Petra Probstner
		<b>Collaborative Learning: Integrate Traits as a First Step in Interdisciplinary Studios</b> <i>Explore a teaching method that builds collaborative learning in interdisciplinary design studios with insights on team building, personality traits and self-discovery.</i>	Scholarship of Teaching and Learning- Pedagogy	Symphony 3	Jihyun Song	Cameron Campbell, Yongyeon Cho
		<b>Students consider design solutions to support stress relief and sensory engagement for adults with autism spectrum disorder (ASD).</b> <i>This was a multi disciplinary grant that engaged Interior Design students in providing design ideas and solutions to engage adults with Autism Spectrum Disorder.</i>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Christiana Lafazani	
		<b>Body, room, home: design exercises on Perec's "Species of spaces"</b> <i>Perec's "Species of Space" is used in the teaching environment as a pre-text that exposes students to interior design topics, investigated through words, diagrams, collage</i>	Scholarship of Teaching and Learning- Culture	Symphony 5	Patrizio Martinelli	
		<b>Case Study Exploring the Effectiveness of Unassigned Workspace at Workplace</b> <i>Grounded in research the purpose of this study is to understand how unassigned office space translates into an effective workplace.</i>	Scholarship of Design Research- Practice	Symphony 6	Tina Patel	
		<b>The Design Educator as Campus and Industry Leader</b> <i>This study investigated the desired competencies of individuals in leadership resulting in a new model and recommendations for designers and design educators.</i>	Scholarship of Design Research- Open Track	Symphony 7	Kristi Gaines	
				<b>The green museum as a teaching tool for sustainability: Design strategies to engage the public in green building education</b> <i>This case study research project examines eight unique science museums across the United States to better understand how and if science museums use their green buildings to further public green building education.</i>	Scholarship of Design Research- Social Impact	Symphony 1
		<b>ROOM - Drawer #D1, and Drawer #D7 with Frame Base</b> <i>"ROOM", presents a carefully choreographed deployment sequence that methodically disassembles an unassuming piece of furniture and the wall assembly and floor system that support it.</i>	Creative Scholarship - Design as Art	Symphony 2	Tad Gloeckler	

10:45 AM	11:15 AM	<p><b>Practice Makes Perfect (Almost): Affording Space to Build Collaborations</b></p> <p><i>If collaborative learning results during naturally occurring social interactions, having this social foundation prior to the design opportunity—i.e., practicing collaboration before engaging in a project— should promote better collaborative dynamics.</i></p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 3	Roberto Ventura	
		<p><b>Building Bridges to Interior Design Careers for Underrepresented K-12 Students</b></p> <p><i>This presentation highlights findings from the Building Bridges to Interior Design Careers program as a model for creating diverse pipelines to the interior design profession.</i></p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Abimbola Asojo	
		<p><b>Looking Back to Look Forward: Navigating and Leveraging Institutional Legacy</b></p> <p><i>This research project documents one department’s comprehensive effort to discover and tell its own fifty-year history using the methods of oral history, archival research, and visual story-telling. Knowledge of the past encourages new and future cohorts of colleagues to coalesce around a shared trajectory of development.</i></p>	Scholarship of Design Research- Culture	Symphony 5	Mary Anne Beecher	
		<p><b>Assessment Tool for Users’ Experience in Healthcare Settings</b></p> <p><i>An excel-based interactive tool is explored to assess users’ experience in healthcare settings and provides focus on critical design components in narrative and visual form.</i></p>	Scholarship of Design Research- Practice	Symphony 6	Yongyeon Cho	Jihyun Song
		<p><b>Experiential and technical considerations in developing virtual reality simulations for interior spaces</b></p> <p><i>This paper presents theoretical considerations as well as practical techniques for implementing virtual reality simulations for evaluating and communicating interior design through a creative project.</i></p>	Scholarship of Design Research- Open Track	Symphony 7	James Hopfenblatt	Bimal Balakrishanan, Mohammad Dastmalchi, Ehsan Naderi
1:00 PM	1:30 PM	<p><b>Establishing a Conceptual Framework Addressing Layouts and Services of the Built Environments in Continuing Care Retirement Communities with Capital Value</b></p> <p><i>This research establishes a conceptual framework addressing a connection between layouts of CCRCs in North Carolina facilities and services and their influence on economic benefits.</i></p>	Scholarship of Design Research- Social Impact	Symphony 1	Jinoh Park	Tracie Rose Rider
		<p><b>Popform</b></p> <p><i>Popform is a construction game designed for participants of all ages. It consists of over 300 pieces made to be connected to one another, resulting in three-dimensional arrangements than can vary in overall size, shape, and complexity.</i></p>	Creative Scholarship - Design as Idea	Symphony 2	Igor Siddiqui	
		<p><b>Incidental Learning: How Paper Cranes and Surgeon Examinations Enhance Design Education</b></p> <p><i>Implementing an unrelated exercise, explore how abstract and cross-discipline concepts can be applied to design, showing process similarities and an interconnected pedagogy through incidental learning.</i></p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 3	Laura Kimball	
		<p><b>DESIGN FOR DIGNITY AND EMPATHY: ROLE + PEDAGOGY + REFLECTION</b></p>			Tina Patel	Abimbola Asojo

		<i>A pedagogical approach employed to help students explore users' experience, research, and develop design solutions for the clinic for children with autism in interior design studio.</i>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4		
		<b>Out of the Cafeteria, into the Agora: Designing Culture Change in the College of Law</b> <i>A two-year process led to the development of a fresh and original, research-based design solution that resulted in a renovated space that now serves as an agora, a central intellectual hub of the college of law.</i>	Scholarship of Teaching and Learning- Culture	Symphony 5	Elizabeth Calienes	Margaret Portillo
		<b>Perceptions from the Field: The Value of Soft and Hard Skills in Interior Design Practice</b> <i>This study compares entry-level and management-level designers' perceptions of the knowledge and skills needed to succeed in the field of interior design.</i>	Scholarship of Design Research- Practice	Symphony 6	Lisa Waxman	Amy Huber
		<b>Design implications for patient outcomes in psychiatric units' seclusion rooms: A systematic literature review</b> <i>A systematic literature review was conducted to reveal implications for design of patient-centered seclusion rooms in psychiatric units.</i>	Scholarship of Design Research- Open Track	Symphony 7	Sara Bayramzadeh	
1:30 PM	2:00 PM	<b>Can We Design For Everyone? Embedding Social Responsibility Into The Interior Design Studio</b> <i>'Improve the life of the low-income laborer' studio challenged students to blend design thinking with social justice. Findings can enhance the development of cultural competencies necessary for personal and professional growth.</i>	Scholarship of Teaching and Learning- Social Impact	Symphony 1	Kevin Woolley	
		<b>Robotic Printing</b> <i>The presentation looks at how cross-disciplinary research to leverage the full potential of digital fabrications and applications of robotics are at the forefront of architectural design</i>	Creative Scholarship - Design as Idea	Symphony 2	Jonathon Anderson	
		<b>Developing an effective statement of philosophy slowly, carefully and authentically</b> <i>A project to develop an authentic statement of philosophy is described that engages students in multiple exercises and peer reviews. Vitruvius' elements of usefulness, fitness and beauty lend a framework for the project's final peer review phase to help ensure the statement's suitability for its employer audience and compelling expression.</i>	Scholarship of Teaching and Learning- Pedagogy	Symphony 3	Jill Pable	
		<b>Inviting Diversity: Influential Lessons From Designer Sheila Bridges</b> <i>Visiting designer Sheila Bridges, considered one of the most influential female interior designers, helps teach students diversity, new ideas, and valuable insight.</i>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Susie Tibbitts	Darrin Brooks
		<b>Object-centric and thing-ly histories: Exploring interior history from the human perspective</b> <i>Thing-ly history (from Heidegger's exploration into understanding objects and ideas) emphasizes the entanglement of people and things, and realigns interior history towards critical, diverse meaning.</i>	Scholarship of Design Research- Culture	Symphony 5	Bryan Orthel	
		<b>Spring Break Remix: Exploratory Immersion through the Interior Design Externship</b>			Christina Birkentall	

		<p><i>This presentation will discuss outcomes over the course of four years from a spring break externship program that was initiated to offer greater exposure to the interior design profession. To better understand the effectiveness of this experience, qualitative and quantitative data were collected. Outcomes revealed that externs repeatedly expressed increased levels of personal confidence, career preparation, and interest in their chosen field while firms additionally reported positive responses.</i></p>	Scholarship of Teaching and Learning- Practice	Symphony 6		
		<p><b>Identifying the Environment-Behavior Attributes in Healthcare Environment through the Lens of Environment-Behavior Studies Theories</b></p> <p><i>This study investigates what the EB attributes are in the healthcare environment for specific typologies, such as types of specialization (e.g. pediatrics) and types of care (e.g. intensive). Findings show that the EB attributes with strong research evidence include environmental stress, wayfinding, control, privacy, territoriality and personal space, design preference, efficiency and restoration.</i></p>	Scholarship of Design Research- Open Track	Symphony 7	Suining Ding	
2:15 PM	3:15 PM	<p><b>Effectively Teaching Universal Design in Interior Design Programs: A Panel Discussion</b></p> <p><i>A panel of researcher-educators will discuss responses received to a recent NEA sponsored survey about instructional methods for integration of universal design content in CIDA-accredited curricula.</i></p>	Scholarship of Design Research- Social Impact	Symphony 1	Eric Dolph	Beth Tauke
		<p><b>Unbuilding Walls - German Pavillon 2018</b></p> <p><i>The exhibition design of the German Pavilion of the 2018 Venice Biennale brings the visitor into the active role of unbuilding walls.</i></p>	Creative Scholarship - Design as Interior	Symphony 2	Christoph Korner	
		<p><b>Transforming fears into creative action: Internal and external barriers to creativity of first-year university students</b></p> <p><i>Exploring the changed perception of internal and external challenges to being creative after taking a semester-long creativity course, the current study showed a powerful motivating role of education that could stimulate first-year university students to strengthen their creative minds. Creative learning experiences guided the students to try more creative ways out of their comfort zone as well as to turn their limitations of resources into opportunities to creatively solve problems.</i></p>	Scholarship of Design Research- Pedagogy	Symphony 3	Jae Hwa Lee	Margaret Portillo
		<p><b>Empathy Quotient: Quantifying the Foundation of Design Thinking</b></p> <p><i>This presentation proposes the use of the Empathy Quotient (EQ) test as a means to assess an individual's trait empathy due to the importance that empathy plays in the human-centered design process.</i></p>	Scholarship of Design Research- Pedagogy	Symphony 4	Steven Webber	
2:15 PM	2:45 PM	<p><b>Obliquity and Design: Theories, Practices, Future Frameworks</b></p> <p><i>The presentation is based on a scholarly investigation that links interdisciplinary theories of obliquity to the practice of design</i></p>	Scholarship of Design Research- Culture	Symphony 5	Igor Siddiqui	

		<p><b>Developing Competent Professionals in Today's Digital World</b>  <i>A panel of IDEC members will discuss the software programs considered essential to interior design education and the entry-level job market.</i></p>	Scholarship of Teaching and Learning- Practice	Symphony 6	Sally Ann Swearingen	Leisha Bridwell, Ellen Fisher, Migette Kaup, Beth Miller, Mitzi Perritt, Amy Roehl, Julie Temple
		<p><b>Negotiating environmental challenges: How does older adults adapt to their environment?</b>  <i>The crux of this research was a portrayal and discussion of older adults' attitudes and behaviors of environmental hazards related to falling risk. This research provide significant and unique insight how older adults negotiate environmental challenges in their home.</i></p>	Scholarship of Design Research- Open Track	Symphony 7	Daejin Kim	
2:45 PM	3:15 PM	<p><b>Tactile maps for visually impaired individuals.</b>  <i>In order to promote inclusivity within interior and exterior environments, three-dimensional tactile maps are created for visually impaired individuals.</i></p>	Scholarship of Design Research- Social Impact	Symphony 1	Stephen Skosrki	
		<p><b>Emotive Intelligent Spaces</b>  <i>This research is a framework for integrating adaptive systems, sensory networks, data-driven approaches, and artificial intelligence into a design, transforming the built environment into a living organism that is intelligent, sympathetic, sensitive, and yet under the comprehensive control of the user. These alive spaces can improve the quality of life for physically and cognitively impaired people by adjusting themselves according to neuromuscular and biological impulses.</i></p>	Creative Scholarship - Design as Idea	Symphony 2	Mona Ghandi	
		<p><b>Calibrating color: Lessons from practice on understanding color in context</b>  <i>A qualitative study exploring how practitioners utilize the multiple functions of color across corporate, healthcare, hospitality, and residential design to inform design education.</i></p>	Scholarship of Design Research- Pedagogy	Symphony 3	Genesis Okken	Margaret Portillo
		<p><b>Enhancing and Utilizing Cultural and Global Perspective in interior Design Studio</b>  <i>Students need to understand the cultural and global perspective and demonstrate expectations based on the CIDA standards through course assignments. However, interior design education becomes more complex and diverse, students and educators are often confronted with difficulties in application of all requirement of the accreditation standards on course assignments. The purpose of this study is to find problems of the course and effective pedagogical solutions.</i></p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Kyoung-Im Park	
		<p><b>Supporting Environmentally Responsible Behaviors in Green Interiors</b>  <i>Features of green building interiors that convey a sustainable ethos and explicitly invite conservation behaviors support improved environmentally responsible behaviors in building occupants.</i></p>	Scholarship of Design Research- Open Track	Symphony 5	Erin Hamilton	
		<p><b>Take the Stairs: Exploration of Older Adults' Intention to Use and Attitudes Toward Vertical Mobility Assistive Design Features</b></p>	Scholarship of Design Research- Open Track	Symphony 7	Elif Tural	Nancy Brossoie, Lisa Tucker

		<i>The study explores older adults' intention to use and attitude toward vertical accessibility design features for increased stair use as a way of integrating physical activity to their daily lives.</i>	Scholarship of Design Research- Open Track	Symphony 7		
3:45 PM	4:15 PM	<b>Inclusive design assessment of state park buildings for senior citizens</b> <i>This study aimed at improving inclusiveness of state park buildings for senior citizens. A focus group was utilized, and participants gave their satisfaction level and design recommendations for improvements.</i>	Scholarship of Design Research- Social Impact	Symphony 1	Rabia Faizan	
		<b>A Table for Common Meal: A Ritual to Evoke Tension in Joy and Grief, and Perfection and Imperfection</b> <i>Design as contrast and transformation of ritual elements of the Christian Common Meal. An exploration of the simultaneity of spiritual joy and grief and perfection and imperfection within the design of a table, cloth, cup and church rituals.</i>	Creative Scholarship - Design as Idea	Symphony 2	James David Matthews	
		<b>From Slow Fashion to Slow Retail: A methodology for designing a sustainable retail culture</b> <i>This presentation will illustrate a pedagogical approach for translating slow fashion's methodology into a new "slow retail" design process that will support Millennials and GenZ's ethical behaviors.</i>	Scholarship of Teaching and Learning- Pedagogy	Symphony 3	Rebekah Matheny	
		<b>Technology as a Tool: Assessing Interior Design Student Perceptions</b> <i>There have been shifts in the role of technology within design studio courses as society becomes further dominated by new forms of technology. It is now critical that design educators understand students' perceptions of technology in the studio environment in order to inform any future pedagogical adjustments. Through interviews and observations, a variety of conclusions are drawn from the results of this study.</i>	Scholarship of Design Research- Pedagogy	Symphony 4	Adam Nash	
		<b>Fostering Community through Cross-class Curricular and Co-curricular Interactivity</b> <i>I will outline the co-curricular strategies adopted by program faculty, the successes and challenges inherent in the model, and the outcomes affecting students and faculty through a review of surveys gathered over a three-year period. Doing so, I explain our broader framework of pedagogical change as well as the explicit co-curricular offerings – community days, service opportunities, sharing sessions, and workshops – to underscore the importance of learning through community</i>	Scholarship of Teaching and Learning- Open Track	Symphony 5	Patrick Lee Lucas	
		<b>Design, Inspire, Promote: Creative Careers and Portfolio-Building on Social Media</b> <i>f the design portfolio as multi-platformed, connected and temporally dynamic, suggesting an emerging structure for the creative portfolio including new metrics for evaluation, evaluators as followers, value commitments, and forms of presenting work that are in shaped in part by the platforms for which they are produced. The social media portfolio has implications for the future of how design work is displayed, distributed, and promoted.</i>	Scholarship of Design Research- Practice	Symphony 6	Leah Scolere	
		<b>Writing-Casting-Making: a transition from theory to making</b> <i>The sequence of 'writing-casting-making' are used in a seminar course to bridge theoretical readings to the design process.</i>	Scholarship of Teaching and Learning- Boundaries	Symphony 7	Lois Weinthal	
		<b>A Studio Experience of Integrating Adaptive Systems to Create Transformative Urban Public Spaces</b>			Mona Ghandi	

4:15 PM	4:45 PM	<i>This design-build studio focused on designing and fabricating a full-scale transformable Parklet as an urban social platform focusing on adaptive/kinetic systems to generate creative solutions to a social problem. This Human-Centered urban space follows the city rules and regulations, plays with light and colors to offer a delightful area for gathering and socializing while benefiting the neighborhood and local businesses.</i>	Scholarship of Teaching and Learning- Social Impact	Symphony 1		
		<b>Systems Thinking Theoretical Model: Sustainability, Resilience, and Health/Wellness</b> <i>instability, economic inequality, health risks, and cultural tensions. How can educators develop teaching methods that foster a broad perspective of the system in which humanity exists? This presentation proposes a theoretical model that inspires faculty and students to apply systems thinking to critical issues that impact environment, people, and place.</i>	Scholarship of Teaching and Learning- Pedagogy	Symphony 3	Marsha Cuddeback	Stephanie Clemons, Grazyna Pilatowicz
		<b>Historic Documentation Meets Technology</b> <i>Design education provides an opportunity to expand curiosity and creativity with the introduction of new teaching methodologies. Learning environments should challenge our students with new experiences to enhance student learning outcomes. With this project, we introduced new technologies in a historic documentation course to assess the impact of 3D scanning on documentation procedures, testing the time and accuracy component in creating a HABS document set.</i>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Kristin Maki	Ian Crawford
		<b>Community Engagement and Interior Design: Rehabilitation of the Warrior Hotel, Designed to Laud A City's Amerind Heritage Via the Stylistic Genre of Art Deco</b> <i>The scholarship analyzes the collaboration between diverse community members and interior design students, tasked with developing rehabilitation plans for a regional Art Deco hotel.</i>	Scholarship of Teaching and Learning- Open Track	Symphony 5	Diane Al Shihabi	
		<b>Design Technology: Aligning Student Learning with the Expectations of the Profession</b> <i>This study explores the use of technology in the design process and practitioner expectations regarding software knowledge for entry-level interior designers.</i>	Scholarship of Design Research- Practice	Symphony 6	Amy Huber	Lisa Waxman
		<b>Discovering authenticity in the retail store through the eyes of the millennial shopper</b> <i>Authenticity has been recognized as one of the key strategies to use when trying to connect with millennial shoppers. Retailers and designers are attempting to design experience that will connect with this elusive cohort, but need to understand what factors contribute to crafting authentic experiences. This study aims to understand how millennial generation shoppers define authenticity in the retail store and identify what elements contribute to building a perception of authenticity.</i>	Scholarship of Design Research- Open Track	Symphony 7	Elizabeth Calienes	

Friday						
Start Time	End Time	Title	Conference Track	Location	Speaker	Co-Author
		<b>Accessing Residents' Satisfaction with Housing Condition and Community Environments in Distressed Urban Neighborhoods.</b>			Eun Young Kim	

8:30 AM	9:00 AM	Residents' housing and community satisfaction in distressed areas of Chattanooga urban neighborhoods were examined. This research focuses on identifying key issues in housing and community environments in a local context with the premise that physical environments have impacts on people's quality of life.	Scholarship of Design Research- Social Impact	Symphony 1		
		<b>A Responsive Interior Surface Uses Data to Decrease Stress in the Workplace</b> BarkLight is a responsive interior surface designed to decrease workplace stress through the use of data, proximity, and movement, while serving as a biophilic link between exterior site, occupants, and interior environment.	Creative Scholarship - Design as Idea	Symphony 2	Mathew Wagner	D. Scott McCrickard
		<b>Flipping the design process: Preserving creativity and preventing burnout in studio</b> This panel asserts that creativity can be captured at the outset of the design process and preserved for the duration of the project by reordering the instruction of phases in the design process beginning with aesthetics. The notion of flipping the design process in studio to begin the design process with FF&E selections will be discussed. The goal of this shift is to support their ability to maintain their design intent throughout the duration of the project.	Scholarship of Design Research- Pedagogy	Symphony 3	Stephanie Sickler	Helen Turner
		<b>Biophilic Design for Interiors: Integrating Biophilia into the Design Process</b> This research explores the integration of biophilic design into interior design education as an integrated part of the design process.	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Lisa Tucker	
		<b>Courtyard Redesigns of a Continuing Care Facility: Reflections on an Interdisciplinary Design Project</b>  The study reports the process and outcomes of an interdisciplinary collaboration for the courtyard redesigns in a not-for-profit continuing care community. Benefits and barriers with respect to interior designers' involvement in interdisciplinary projects, as well as community outcomes of this collaborative project are discussed.	Scholarship of Design Research- Boundaries	Symphony 5	Elif Tural	Elizabeth Gilboy, Nick Proctor, Kontessa Roebuck
		<b>Cold Call Binder Project: A Pedagogical Strategy for Affecting Professional Placement Outcomes</b> Interior Design student – practice interface project models professional behaviors and provides career placement opportunities.	Scholarship of Teaching and Learning- Practice	Symphony 6	Cathy Hillenbrand-Nowicki	
		<b>Behind the Screen: A Study of Light and Shadow</b> Behind the Screen is a short-term project aimed at a creative exploration of how light moves through space and its' relationship with shadow.	Scholarship of Teaching and Learning- Open Track	Symphony 7	Michelle Pearson	Jan Parker
		<b>Home is where we age: Implications of housing design and home modification to aging-in-place</b>			Jung-hye Shin	Kevin Ponto, Tracy Schroepfer

9:00 AM	9:30 AM	<p>We developed and tested a set of advanced tracking technologies in order to systematically document interior features and track elders' movements within their homes and to determine how the interior features of homes and their modifications influence the functional independence, mental wellbeing, mobility, and health related adaptive behaviors of the occupants. We followed and assessed six community living frail elders who received modifications and tracked their movements for a 24-hour period</p>	Scholarship of Design Research- Social Impact	Symphony 1		
		<p><b>"Salon", The Interior as Ludic Space: Modeling Equitable Social Engagement</b></p> <p>"Salon, a game of Tables &amp; Chairs" adapts the conflict space of chess, re-programming the space to explore the potential of the interior and an accessory within, the game itself, to model and produce social interactions of equitable engagement.</p>	Creative Scholarship - Design as Idea	Symphony 2	Alan Bruton	
		<p><b>The future of biophilic design education: A concrete language for interior design students.</b></p> <p>The Biophilic Design Matrix is a recently developed list of design tactics that seeks to support nature connections in the interior and through a senior design studio project it was obvious that the matrix supported the student's design process. It also encouraged creativity and thoughtful consideration of how to integrate biophilia holistically with evidence-based design considerations.</p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Dr. Beth McGee	Dr. Nam-Kyu Park
		<p><b>The Influence of Florence Nightingale's Environmental Theory in Modern Healthcare Design and Environment-Behavior Studies</b></p> <p>This study investigated how Florence Nightingale's environmental theory has influenced modern healthcare design and environment-behavior studies today. The findings show that the spirit of the Nightingale ward still influences the design of healthcare architecture today, which is evidenced by the integration of decentralized nurse's stations to have effective supervision and control over patients, which is the benefit from an open ward.</p>	Scholarship of Design Research- Boundaries	Symphony 5	Suining Ding	
		<p><b>The Makerspace Library Connection: Designing an Elementary School Library That Rises to Meet the Needs of the Future</b></p> <p>The superintendent of an elementary school approached the interior design department seeking design recommendations for their existing school library. The design of the library highlighted the connection of a future maker space by designing around the ideas of search and discovery, creating 'learning laboratories' that promote curiosity in students.</p>	Scholarship of Design Research- Practice	Symphony 6	Nicole Peterson	
		<p><b>Lighting Conditions and Perceived Learning Experience Among Students in Classroom Buildings: A Post-Occupancy Evaluation Study</b></p> <p>Lighting is one of the most visible, controllable, and functional indoor environmental quality (IEQ) factor of the interior environment and therefore, has been found to be highly predictive of occupant satisfaction and performance.</p>	Scholarship of Design Research- Open Track	Symphony 7	Suyeon Bae	Abimbola Asojo, Caren Martin
		<p><b>Critical heritage-based programming (CHP): Constructing diverse knowledge</b></p> <p>A critical heritage-based programming process provides one potential tool to meet the imperative for more diverse, inclusive, and equitable interaction between designers and users.</p>	Scholarship of Design Research- Social Impact	Symphony 1	Bryan Orthel	
		<p><b>Making Connections In The Space Between</b></p>			Adrian Boggs	

9:45 AM	10:15 AM	SUMMARY OF ABSTRACT A study of joinery and materiality serving as explicit focus in design of contemporary furnishings.	Creative Scholarship - Design as Idea	Symphony 2			
		<b>The currency of the storyboard as a design ideation and communication tool</b> Storyboarding is a technique scaffolding on Rengal's Basic Events of the Building Experience. Students deconstruct events to curate-design spaces informed by spatial and behavior theory.	Scholarship of Teaching and Learning- Pedagogy	Symphony 3	Jane Nichols		
		<b>Cultivating Biophilic Design in a Healthcare-focused Interior Design Studio</b> Students explore the principles and application of biophilic design in a fourth-year interior design healthcare studio using an integrative/immersive learning method.	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Genell Ebbini		
		<b>Six Design Principles to Promote Inclusion in the Auditory Environment</b> The purpose of this study was to develop evidence-based design recommendations for individuals with and without auditory processing sensitivities	Scholarship of Design Research- Boundaries	Symphony 5	Kristi Gaines	Angela Bourne, Michelle Pearson	
		<b>An acoustical analysis of active learning classroom design using computer modeling and digital acoustic simulation.</b> This study uses computer modeling and digital acoustic simulation to analyze the implications of active learning space design as related to classroom acoustics.	Scholarship of Design Research- Open Track	Symphony 7	Stephen Skosrki		
10:15 AM	10:45 AM	<b>Does Access to a Green Classroom increase Eco-literacy? A study of two side-by-side fifth grade classrooms</b> This exploratory, mixed-methods study examined ecological literacy outcomes for a fifth grade class at one public school where half of the students used a green building daily and the other half occupied a portable classroom.	Scholarship of Design Research- Social Impact	Symphony 1	Laura Cole	Laura Zangori	
		<b>Wildcat Hollow</b> A home for a recently retired couple that require the accessibility of one-story living and desire a strong, yet protected, connection to a natural setting. Design team employed a simple and reduced material, detail and formal palette to create a tranquil and elegant living environment. A strong collaboration between the interdisciplinary design team and the builder made a home refuge that is spatially and materially striking as well as energy efficient.	Creative Scholarship - Design as Interior	Symphony 2	Kimberly Furlong		
		<b>A step-by-step critical thinking decision tool for these complex times</b> Complex decision-making is aided by critical thinking skill. This exercise prepares students for the 'wicked' nature of future choice-making through a five-step exercise that builds empathy and offers strategy for building a reasoned, informed argument.	Scholarship of Teaching and Learning- Pedagogy	Symphony 3	Jill Pable		
		<b>Transformations in Design Education: Helping Students to Become Leaders in Sustainability</b> Students refine their understanding of ethical issues in the design field and develop capacities for multi-level thinking by connecting broad sustainability topics with industry practices.	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Genell Ebbini		

		<p><b>Interior Design Faculty Position Announcements: An Analysis of Content</b> An analysis of content of ads posted on IDEC's website in fall 2017-spring 2018 for full-time interior design faculty positions with a fall 2018 start.</p>	Scholarship of Design Research- Open Track	Symphony 7	Amy Roehl	Pamela Evans, Caroline Hill
12:15 PM	2:00 PM	<p><b>Designing for Human Health: The WELL Building Standard</b> *Additional Registration Required Jessica, chief commercial officer at the International WELL Building Institute (IWBI), will share emerging innovations and evidence-based research about how we can design buildings specifically to support human performance.</p>		Symphony 4		
2:00 PM	3:00 PM	<p><b>Effectively Teaching Universal Design in Interior Design Programs</b> Researcher-educators will present the final report of a National Endowment for the Arts sponsored survey to assess the state of universal design education in interior design curricula.</p>	Scholarship of Design Research- Social Impact	Symphony 1	Eric Dolph	Greg Galford, Beth Tauke, Jennifer Webb
2:00 PM	2:30 PM	<p><b>Changing the Game in Higher Education: Redesigning Spaces to Facilitate Creative Thinking and Collaborative Connections.</b> A bold and dynamic design project rethinks how students/faculty utilize space and becomes a game changer for a college ranked 23rd in the country.</p>	Creative Scholarship - Design as Interior	Symphony 2	Darrin Brooks	
		<p><b>Positioning the Design Problem to Activate Transformational Potentials.</b> This abstract provides an introduction and argument for upper level studios to shift the design problem as a static typology based approach; to positioning the design problem as a dynamic and emerging system of circumstances in order to increase critical thinking, inquiry and awareness of the transformational power of design through informed speculation, and argument by way of interiors.</p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 3	Lindsey Bahe	
		<p><b>The THEORY tool box as a game changer in interior design education</b> This presentation will initiate discussion regarding theory teaching in interior design education and demonstrate a pedagogical framework (six premises of THEORY) applied to the current curriculum at an interior design program.</p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Joori Suh	
		<p><b>Believing is Seeing: Using Design as the Framework for Sketching Instruction with the Broad Curriculum Student</b> Utilizing deliberate practice within a framework of design-specific guidelines can improve sketching quality and perceived travel experience in broad curriculum students while studying abroad.</p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 5	Jim Dawkins	
		<p><b>Civility and Grace in Design</b> Incorporating civility and grace into design increases students' sensitivities to meaningful, inclusive, human-centered design.</p>	Scholarship of Teaching and Learning- Open Track	Symphony 7	Anna Marshall-Baker	
		<p><b>Performative Curtaining</b> The Performative Curtaining Project intends to correct architecture and create better interiors. The project develops a taxonomy of conditions that address the pragmatics of drapery via analogue and digital methods.</p>	Creative Scholarship - Design as Idea	Symphony 2	Deborah Schneiderman	Annie Coggan
		<p><b>The critical nature of design education.</b></p>			Marlo Ransdell	

2:30 PM	3:00 PM	<p>This presentation will address how interior design education impacts everyday critical thinking skills and discuss strategies for enhancing educator approaches.</p>	Scholarship of Design Research- Pedagogy	Symphony 3		
		<p><b>Changing the Game: Advancing Students' Research Skills to Prepare them for an EBD Future</b></p> <p>Teaching strategies, administered consistently since 2010, demonstrate tactics that advance student mastery of information literacy and skills necessary to effectively apply evidence-based design to problem-solving and design thinking. Student learning outcomes (N=172) are presented as assessment measures for high impact practices.</p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Migette Kaup	
		<p><b>Thinking with Our Hands: Re-examining the Role of Drawing in Design Curricula</b></p> <p>A debate ensues over the relevance of hand drawing in an industry increasingly dominated by the presence of computer technology. Yet, hand drawing persists as a part of a hybrid design process in professional practice. This study examines the all too common, mutually exclusive arrangement of hand drawing and digital design programs within interior design curricula, and the effects of hand drawing as a part of the conceptual design process on final design solutions.</p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 5	Adrienne Wright	
		<p><b>A First Year Materials Workshop: Gaining Insight to the Properties of Wood through Making</b></p> <p>First year students were led through a three day materials making workshop to gain a better understanding of the physical properties of wood as veneer.</p>	Scholarship of Teaching and Learning- Open Track	Symphony 7	Cory Olsen	
4:30 PM	5:00 PM	<p><b>The State of Cohousing in North America</b></p> <p>A Report on the State of Cohousing North America. Design characteristics, principles of community dynamic governance, methods of social-capital construction, and economic viability are explored.</p>	Scholarship of Design Research- Social Impact	Symphony 1	Jane Nichols	
		<p><b>Hexad</b></p> <p>Hexad is a caretaker's house for a private estate in a sculpture garden. Where the main house follows a neo-Palladian model of clear circulation axes organizing distinct programmed areas, Hexad programs the axes themselves.</p>	Creative Scholarship - Design as Idea	Symphony 2	Jeffrey Day	
		<p><b>Course Material of the Materials Course</b></p> <p>Faculty from two universities reveal constructivist and experiential methodologies to teaching materials that provide students with an active foundational knowledge merged with applicable critical thinking.</p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 3	Helen Turner	Stephanie Sickler
		<p><b>Transformable Design as a Medium for Representing the Space-Time Dynamics</b></p> <p>By incorporating motion into design education, Interior Design programs should address the role of motion design principles in restructuring their curriculums.</p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Negar Kalantar	
		<p><b>Alone with others: A dialectical interplay of college students' needs and preferences at a University library</b></p> <p>This research aimed to explore students' specific behaviors in the library space and to examine users' perceptions of the physical environment.</p>	Scholarship of Design Research- Open Track	Symphony 7	Daejin Kim	Shila Bosch, Jae Hwa Lee
		<p><b>The State of Cohousing in North America</b></p>			Jane Nichols	

5:00 PM	5:30 PM	A Report on the State of Cohousing North America. Design characteristics, principles of community dynamic governance, methods of social-capital construction, and economic viability are explored.	Scholarship of Design Research- Social Impact	Symphony 1			
		<b>Thinking Through Making: Containing Ritual</b> Using a “thinking through making” methodology and the process of slipcasting ceramics, we explore how tangible materials can capture and express intangible experiences.	Creative Scholarship - Design as Art	Symphony 2	Linda Zhang		
		<b>A Dose of Reality: A Capstone Project Framework Inclusive of Millennials, CIDA Standards, and the Profession</b> How can we as educators increase student confidence, achieve the expected level of outcomes, and provide students with the skills necessary to enter the profession?	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Susie Tibbitts	Steven Mansfield	
		<b>The Learning Spaces Studio: Interdisciplinary Collaboration and Enduring Engagement</b> The Learning Spaces Collaborate Studio is predicated on the idea that innovative learning spaces should be designed with an approach that encourages design disciplines to collaborate, while engaging elementary school communities and education researchers in the process. The primary objective of this studio is to work in high functioning collaborative teams to research contemporary issues in K-6 education, and design school environments that respond to these issues.	Scholarship of Teaching and Learning- Pedagogy	Symphony 5	Nathan Bicak	Vanessa Schutte	
		<b>“It makes the world a better place”: Introducing non-Majors to Interior Design Problem-solving.</b> A class project aimed to find out whether non-majors enrolled in a design class could solve an interior design problem using the design process.	Scholarship of Teaching and Learning- Open Track	Symphony 7	Julie Irish		

Saturday						
Start Time	End Time	Title	Conference Track	Location	Speaker	Co-Author
8:15 AM	8:45 AM	<b>Measuring Perceived Retail Crowding (PRC) in retail environments through Functional near-infrared spectroscopy (fNIR)</b> <i>This abstract explores the idea of perceived retail crowding within retail space environments. The research that is being tested is whether perceived retail crowding will occur more often within linear or curvilinear interior layouts. Human perception will be tested using questionnaires and fNIR within virtual reality simulated spaces, used to design by Sketch Up. The outcome will present the idea of human centered design and how that be applied to retail environments.</i>	Scholarship of Design Research- Social Impact	Symphony 1	Ekaterina Vladimirovna Korneva	
		<b>F22 Foto Space</b> <i>The F22 Foto Space is a cultural incubator designed and detailed in response to the medium of photography and the socio-political circumstances of Hong Kong.</i>	Creative Scholarship - Design as Interior	Symphony 2	Jason Carlow	Otto Ng
		<b>Contradictory Discourse in Interior Design Critique</b> <i>Our research sheds new light on the critique process by focusing on the discourse between the instructor and students: their decision-making and corresponding project outcomes.</i>	Scholarship of Design Research- Pedagogy	Symphony 3	Mohammad Dastmalchi	James Hopfenblatt

		<p><b>Toward a framework for human-centered design education: Enhancing empathy through experiential learning</b>  <i>This presentation proposes a human-centered design framework based on the experiential learning theory that seeks to increase empathy in design students.</i></p>	Scholarship of Design Research- Pedagogy	Symphony 4	Steven Webber	Stephanie Sickler
8:45 AM	9:15 AM	<p><b>Bridging the Gap: Connecting Student Preferences with Design Intention</b>  <i>This qualitative research study explores how undergraduate students in an entry-level statistics course perceive their physical learning spaces, but delves into how they talk about, relate to, and feel about the physical environments in which they learn.</i></p>	Scholarship of Design Research- Social Impact	Symphony 1	Renaë Mantooth	Rebekah Radtke
		<p><b>Bluebarn Theatre</b>  <i>To free themselves from the constant burden of authorship, and to follow the company's upstart, scrappy ethos, the BLUEBARN Theatre designers sought a loose approach to design team formation.</i></p>	Creative Scholarship - Design as Interior	Symphony 2	Jeffrey Day	
		<p><b>The Role of the Built Environment in Enhancing Student Resilience</b>  <i>The role of the built environment in enhancing student resilience on a college campus will be explored through a case study.</i></p>	Scholarship of Design Research- Pedagogy	Symphony 3	Lisa Waxman	Gabrielle Waxman
		<p><b>Inside Out: theories and practices of interior design at work in exterior circumstances</b>  <i>Projects examine theories and practices of interior design in exterior circumstances to provide meaningful experiences by focusing on creativity and "design" as a noun and verb.</i></p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Helen Turner	
9:30 AM	10:00 AM	<p><b>Apps for the School Safety: An Integrated Wayfinding System Development for the Effective Evacuation in Public Schools</b>  <i>Over the past decades, crime and threat of violence in schools in the U.S. have caused significant damage to students, teachers, school staffs, and their family members. For protecting personnel related to the schools from the damages caused by unexpected incidents, a more effective and easy-to-use system should be considered. Therefore, the study focuses on the method of effective evacuation signage-installation and the development of applications that facilitate escape in a state of emergency.</i></p>	Scholarship of Design Research- Social Impact	Symphony 1	Juntae Son	Suh-Kyung Kim
		<p><b>Sequential Use of Narrative and Theoretical Pedagogy: Pathway for Conceptual Design Thinking</b>  <i>In the appropriate sequence, students understand story before they understand theory. Preliminary narratives inform the application of principles resulting in the creation of design solutions.</i></p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 3	Susan Meggs	Jim Higgins
		<p><b>Drapes is a verb: Embracing the decorative elements of design through experiential learning</b>  <i>The design and specification of soft goods for interiors is easily overlooked in design education. Further, few resources exist which accurately support instruction in this content area. This presentation offers an implementation plan for content based on experiential learning theory. Additionally, student outcomes will be presented which demonstrate successful soft goods design and specifications have been achieved with this pedagogical strategy.</i></p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Stephanie Sickler	
		<b>The Gender Paradigm: a shift towards universal accommodation</b>			Heidi Schlegel	

10:00 AM	10:30 AM	<p><i>Gender is now considered a spectrum. The existing paradigm of gendered space is pairing with "all gender" public accommodations. This presentation will examine why separate is not equal.</i></p>	Scholarship of Design Research- Social Impact	Symphony 1		
		<p><b>Teaching beyond ADA compliance: It's more than just wheelchair circles</b></p> <p>A comparison between courses which engage students in design thinking to gain empathy for those who need universally designed, accessible environments and products.</p>	Scholarship of Teaching and Learning- Pedagogy	Symphon 3	Christina Birkentall	Dr. Allison Carll-White, Dr. Elaine Eisenbaum
		<p><b>Designing Hope: A process oriented design build studio</b></p> <p><i>This study presents the lessons learned on a participatory collaboration design- build and process-plan from the perspectives of the faculty and students participating in the studio.</i></p>	Scholarship of Teaching and Learning- Pedagogy	Symphony 4	Milagros Zingoni	