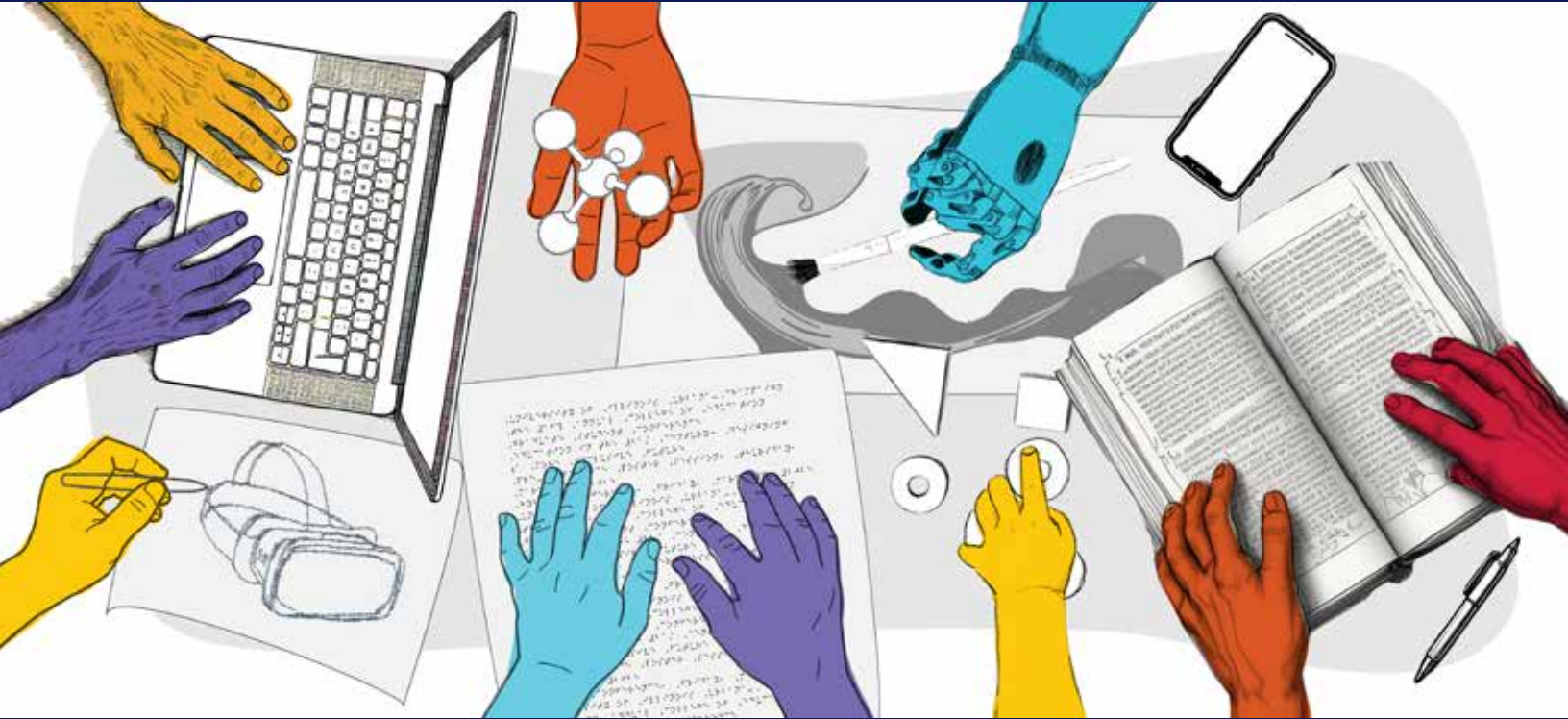




College of Education

16th Annual Graduate
Student Conference



Education in the 21st Century: Designing a More Inclusive Future

March 6–7, 2025

Siebel Center for Design / Education Building & Online
University of Illinois Urbana-Champaign



Land Acknowledgement

As a land-grant institution, the University of Illinois Urbana-Champaign has a responsibility to acknowledge the historical context in which it exists. In order to remind ourselves and our community, we will begin this event with the following statement. We are currently on the lands of the Peoria, Kaskaskia, Piankashaw, Wea, Miami, Mascoutin, Odawa, Sauk, Mesquaki, Kickapoo, Potawatomi, Ojibwe, and Chickasaw Nations. It is necessary for us to acknowledge these Native Nations and for us to work with them as we move forward as an institution. Over the next 150 years, we will be a vibrant community inclusive of all our differences, with Native peoples at the core of our efforts.

Program design and maps
by Logan H. Lauren

Contents

Welcome!	3
Conference Overview	4
Agenda At-A-Glance	6
Accessibility	8
Keynote Speaker	9
Panelists & Facilitators	10
Maps: SCD	12
Maps: Education Building	14
Schedule: Thurs, March 6	18
Schedule: Fri, March 7	21
Notes	29
Help Guide	30

Welcome!

I am very excited to welcome you all to our annual Graduate Student Conference at the University of Illinois Urbana-Champaign. The conference is conceived and organized by our outstanding graduate students to showcase their scholarship and socialization into the profession.

This year our conference theme, “Education in the 21st Century: Designing a More Inclusive Future,” reflects our students’ deep commitment to creating educational frameworks that embrace equal learning opportunities for all. As we navigate complex societal challenges around sustainability, social inequality, and ethics of artificial intelligence, our graduate students advocate for the convergence of expertise from diverse disciplines that would promote different perspectives, practices, programs, and policies. They also champion collaboration and community with people from different backgrounds. We are excited again this year to host a pre-conference Poster Session at the Siebel Center for Design, offering presenters a valuable opportunity to showcase their work to a broader audience.

Our graduate students, hailing from different parts of the world, are uniquely positioned to address the evolving needs of learners of all ages. Together, they are working to envision forward-thinking scholarship that addresses consequential educational inquiries. Through their studies, they are also preparing in every way to make a significant difference in the world locally and globally.

This conference demonstrates our students’ unwavering commitment to advancing scholarship and cultivating the next generation of education scholars and leaders. My heartfelt gratitude extends to our graduate students, advisors, and faculty members for dedicating their time to organizing this wonderful program. I also extend my thanks to our conference partners, the Siebel Center for Design and AE3, for their support and sponsorship of awards. I hope you enjoy your day and the opportunity to hear about the intellectual pursuits of Education at Illinois!



Chrystalla Mouza

Dean, College of Education

Conference Overview

History

The College of Education Graduate Student Conference was initiated by graduate students who desired to create a more inclusive and collaborative research environment. The first fully-fledged graduate student conference was held in April 2010. Each year since then, graduate student committees have looked to advance this mission of building and strengthening a collaborative research community.

Mission

The Graduate Student Conference builds networks between faculty, colleagues, advanced undergraduate students, and graduate students across all disciplines related to learning. As a community, our aim is to address the ways educational access, equity, and opportunity affect, and are affected by our broader society.

We strive to introduce new scholars to the important role that academic conferences will play in their scholarly endeavors, create a safe space for budding scholars to present their ideas, and to serve as a bridge between sharing scholarship at Illinois and the broader education field.

Sponsors

The College of Education Graduate Student Conference is made possible through the generous support of the late Dr. K. Patricia Cross, the College of Education Office of the Dean, the Siebel Center of Design, and the Academy for Excellence for Engineering Education. The support of our sponsors helps make this event possible, and we are grateful for their commitment to our cause.

Dr. K. Patricia Cross

Dr. Cross credits her time as a graduate student at Illinois for laying the foundation of what would become a remarkable career. In that spirit, her generous donation makes the Graduate Student Conference a reality. Dr. Cross began her career as Assistant Dean of Women at the University of Illinois, and as Dean of Women and Dean of Students at Cornell University. She continued on to become Director of College and University Programs and conducted research at the Educational Testing Service. Dr. Cross then served as Professor of Education and Chair of the Department of Administration, Planning, and Social Policy at the Harvard Graduate School of Education before assuming her position as professor at the Graduate School of Education at the University of California - Berkeley. During her career, she authored nine volumes and over 200 other works on classroom teaching and assessment, contributing significantly to the theory of adult higher learning.



Academic Excellence for Engineering Education (AE3)

AE3 is central to the engineering education community in The Grainger College of Engineering. They offer programs for faculty that promote high-quality teaching and act as catalysts for innovation in education, particularly at the undergraduate level.

AE3 builds relationships with faculty who join The Grainger College of Engineering through their yearlong new faculty program, Collins Scholars. From there, AE3 works to sustain and to expand faculty engagement in several communities of practice that encourage networking, shared learning, and collaborative production among faculty across campus. Through AE3's support of these communities of practice, faculty advance new endeavors in teaching and learning that directly impact the student experience at Illinois and contribute to the field of engineering education, nationally and internationally.

Central to AE3's efforts in engineering education research is the Strategic Instructional Innovations Program (SIIP). This competitive grant program is now in its twelfth year. It is funded by both the College and by external partners like the Kern Family Foundation (KFF) and Kern Entrepreneurial Engineering Network (KEEN). SIIP projects bring engineering faculty, staff, and students together with collaborators across campus to advance excellence in curriculum design, teaching methodologies, instructional tools, and assessment practices. The projects take an engineering approach centered around prototyping, evidence-based decision

making, learning from failures, and multiple iterations of design.

Siebel Center for Design (SCD)

SCD is a pioneering force in design education and research that integrates assessment, research, and academic programs to advance Human-Centered Design (HCD). Established in 2019, their Assessment and Research team drives the frontiers of knowledge in HCD across diverse domains, including STEM and Humanities and Social Sciences education, K-12 learning environments, community engagement, and corporate applications. Insights gleaned from their research studies are disseminated globally through conference presentations and contributions to academic journals.

SCD's Human-Centered Design taxonomy serves as a flexible framework guiding problem-solving processes, fostering creativity and meaning through empathetic exploration, organization, brainstorming, creation, and development. At SCD, teaching Design Thinking is core to their mission, offering a range of learning opportunities for students, staff, faculty, and the wider community. From introductory Design Thinking courses to specialized workshops, learner seminars, and instructor seminars, SCD caters to diverse interests and levels of engagement in innovation. Their interdisciplinary collaboration shapes the future of design education, empowering learners and instructors to navigate complex challenges with creativity, empathy, and purpose.

Agenda At-A-Glance

Thursday, March 6 Siebel Center for Design

- **3:00–3:30 PM**
Poster Setup
Basement: Lower Lobby (Room C-0001)
- **3:30–4:15 PM**
Opening Remarks & Panel Discussion
Basement: Amphitheater (Room 0003)
- **4:15–5:15 PM**
Poster Presentations
Basement: Amphitheater (Room 0003)
- **5:15–6:00 PM**
Poster Showcase
Basement: Amphitheater (Room 0003)
- **6:15–7:30 PM**
Private Dinner (Panelists & Presenters only)
1st Floor: Starlight Room (Room 1032-A) & Gallery (Room 1001)

Location Accessibility Notes

- See the maps (page 12 and page 13) for the locations of a dedicated **prayer, meditation, and reflection space** in the Media Studio (1st floor), **all-gender restrooms** (both floors), and **ADA restrooms** (both floors), and **elevator** (west side).

Friday, March 7

Education Building & Online

● **8:00–8:30 AM**

Check-in & Breakfast

South Lobby & Room 10
[Main Zoom Room]

● **8:30–9:45 AM**

Opening Remarks & Keynote Address

Room 2 [Main Zoom Room]



This event will be live captioned for in-person and online audiences.

● **10:00–11:00 AM**

Roundtable Session 1

Concurrent rooms (see page 21)

● **11:10 AM–12:10 PM**

Roundtable Session 2

Concurrent rooms (see page 23)

● **12:20–1:20 PM**

Lunch Panel

Room 28: Box lunch pickup
Room 22: Panel
Rooms 10 & 28: Audience overflow
[Main Zoom Room]

● **1:30–2:30 PM**

Paper Session 1

Concurrent rooms (see page 24)

● **2:40–3:40 PM**

Paper Session 2

Concurrent rooms (see page 24)

● **3:50–4:50 PM**

Paper Session 3

Concurrent rooms (see page 27)

● **5:00–5:45 PM**

Awards & Closing Remarks

Room 2 [Main Zoom Room]

Location Accessibility Notes

- See the maps (page 14 to page 17) for the locations of the **sensory/quiet space** (1st floor), **meditation, prayer, and reflection space** (3rd floor), **lactation space** (1st floor), **all-gender restrooms** (basement and 1st floors), and **elevators** (north and south sides).
- Note: There are **no ADA restrooms** on the 3rd floor. **Women's ADA restrooms** are present on all other floors; **all-gender ADA restrooms** are available on the 1st floor.

Accessibility

We are thrilled to provide the following accommodations during the conference. If you have questions about accessibility or accommodations before or during the conference, please contact **Logan Lauren, Accessibility Coordinator**, at 208-651-6435.

Thursday, March 6

Siebel Center for Design: 1208 South 4th Street, Champaign

- A dedicated **prayer, meditation, and reflection space** is available in the Media Studio, Room 1002-A, on the north side of the 1st floor (map on page 13).
- **All-gender restrooms** are available on both floors (maps on page 12 and page 13).
- All restrooms are ADA compliant.

Friday, March 7

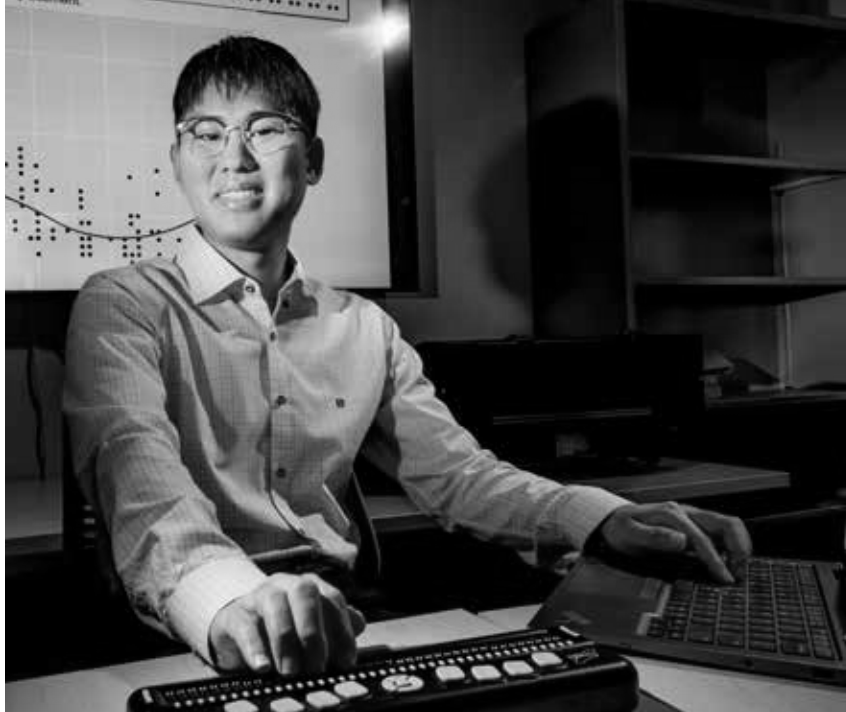
Education Building: 1310 South 6th Street, Champaign

- The opening and keynote address will be **live captioned (CART)** for in-person and online audiences.
- A **sensory/quiet room** is available on the 1st floor (map on page 15). There will be comfy seating, fidgets, low lighting, weighted blankets, and a white noise machine.
- A dedicated **prayer, meditation, and reflection space** is available on the 3rd floor (map on page 17).
- A dedicated **lactation space** is on the 1st floor (map on page 15).
- **All-gender restrooms** are located on the basement and 1st floors (maps on page 14 and page 15).
- **Vegetarian, vegan, and other dietary needs** will be accommodated for attendees who indicate these in their registration.
- Note: There are **no ADA restrooms** on the 3rd floor. **Women's ADA restrooms** are present on all other floors; **all-gender ADA restrooms** are available on the 1st floor.

Keynote Speaker

“Multimodal Learning for an Inclusive Future: From Personal Journey to Accessible Innovation”

In this keynote, Dr. Seo shares a transformative journey from personal experience to innovative solution—one where his visual impairment catalyzed a deep understanding of multimodal learning. Dr. Seo recounts how integrating tactile, auditory, and visual modalities reshaped not only his own educational experience but also paved the way for pioneering projects aimed at making STEM learning accessible for learners with diverse abilities.



JooYoung Seo

Assistant Professor,
School of Information Sciences

March 7, 8:30 AM
Ed Building Room 2
[Main Zoom Room]



This event will be live captioned for in-person and online audiences.

JooYoung Seo is an assistant professor in the School of Information Sciences, where he directs (x)Ability Design Lab. As an information and learning scientist, his research bridges the gap between learnability and usability to enhance accessibility. His research topics broadly cover accessible computing, inclusive data science, and equitable healthcare technologies, with a particular focus on making computational literacy more accessible to people with disabilities through multimodal data representation.

Panelists & Facilitators

Thursday Opening & Panel

March 6, 3:30 PM

SCD Basement Amphitheater



Saad Shehab

Associate Director, Assessment and Research

Saadeddine Shehab is currently the Associate Director of Assessment and Research at the Siebel Center for Design (SCD) at the University of Illinois Urbana-Champaign. He works with a group of undergraduate and graduate SCD scholars at SCD's Assessment and Research team to conduct research that informs and evaluates the practice of teaching and learning human-centered design in formal and informal learning environments. His research focuses on studying students' collaborative problem-solving processes and the role of the teacher in facilitating these processes in STEM classrooms that feature the learning of STEM through design.

10

Panelists

Carrie James

Postdoctoral Research Fellow,
Siebel Center for Design

Weronika Kaczmarczyk-Smith

Graduate Student, Curriculum
and Instruction

Matthew Goodman

Senior Lecturer, Materials
Science and Engineering

Nachi Shah

Graduate Student, Materials
Science and Engineering

Emma Mercier

Associate Professor, Curriculum
and Instruction

Wendy Shi

Graduate Student, Human-
Computer Interaction

Friday Lunch Panel

March 7, 12:20 PM

Ed Building Room 22 [Main Zoom Room]



Karla J. Möller [Facilitator]

Associate Dean for Graduate Programs



Molly Hathaway Goldstein

Teaching Assistant Professor,
Industrial and Enterprise Systems
Engineering



Stephanie Toliver








Assistant Professor, Curriculum and Instruction

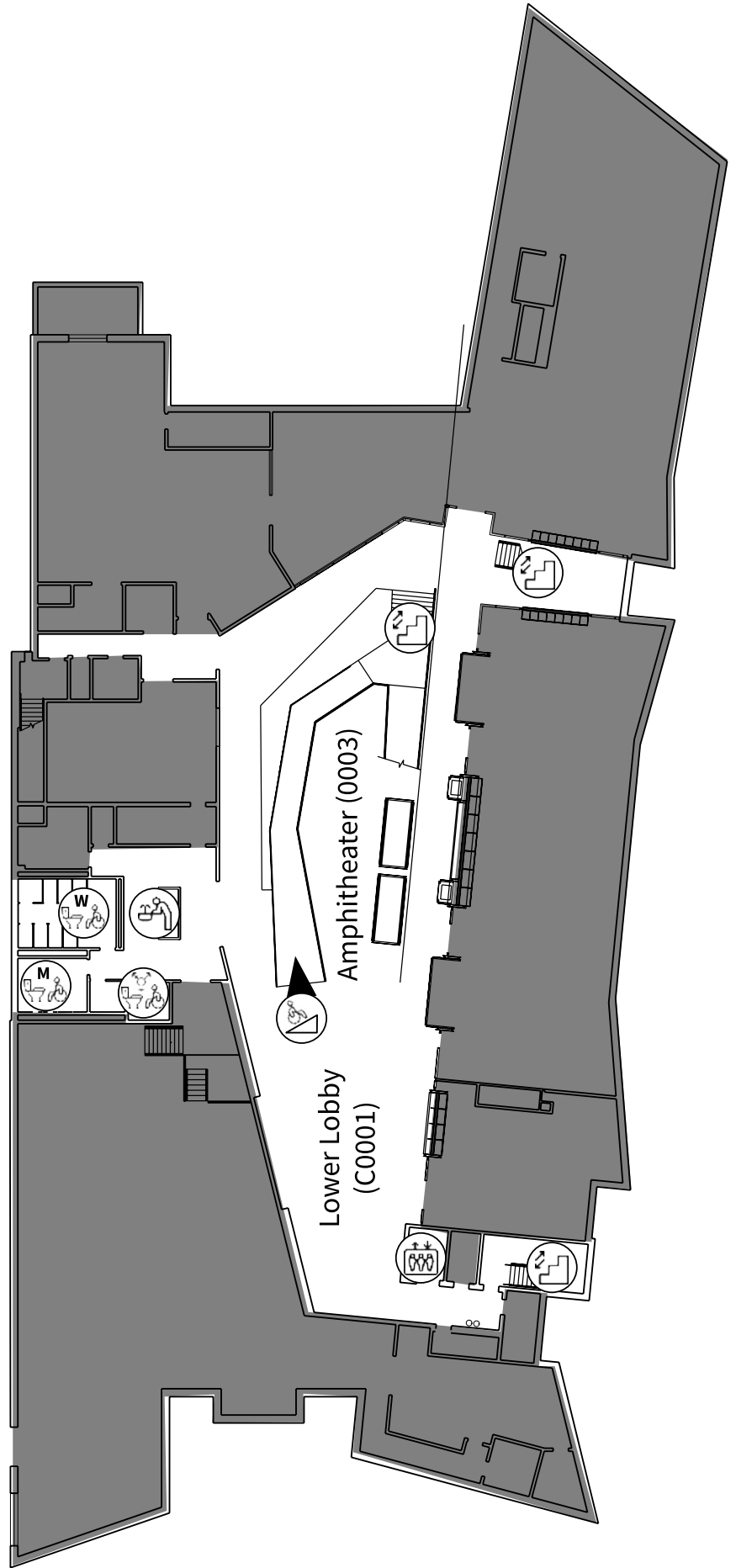


Asif Wilson

Assistant Professor, Curriculum and Instruction

Siebel Center for Design Basement










-  Elevator
-  Ramp
-  Restroom (All-Gender ADA)
-  Restroom (Men's ADA)
-  Restroom (Women's ADA)
-  Stairs
-  Water



Siebel Center for Design 1st Floor

↑ NORTH

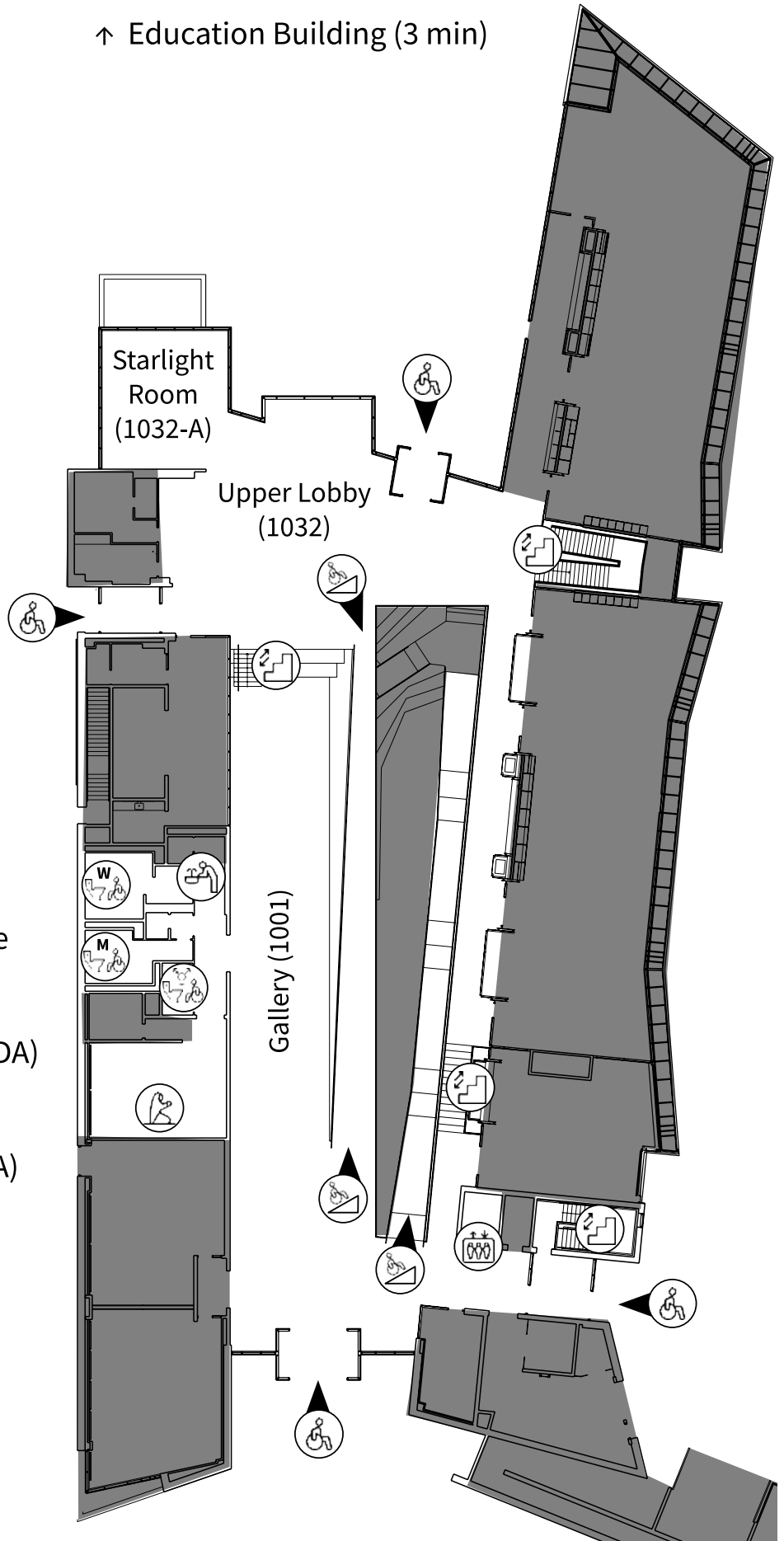
↑ Education Building (3 min)

-  ADA Entrance
-  Elevator
-  Prayer/Meditation Space
-  Ramp
-  Restroom (All-Gender ADA)
-  Restroom (Men's ADA)
-  Restroom (Women's ADA)
-  Stairs
-  Water










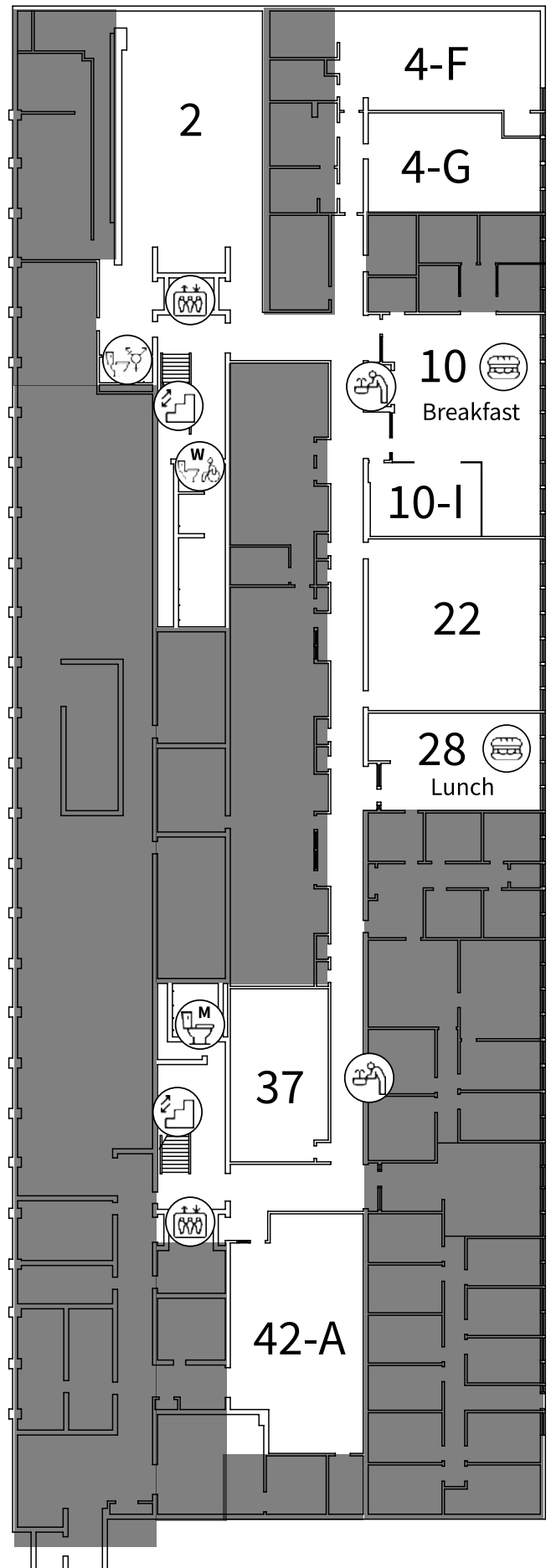
→ Fourth & Peabody (2 min)

↓ Fourth & Gregory (2 min)



Education Building Basement









-  Elevator
-  Food
-  Restroom (All-Gender)
-  Restroom (Men's)
-  Restroom (Women's ADA)
-  Stairs
-  Water

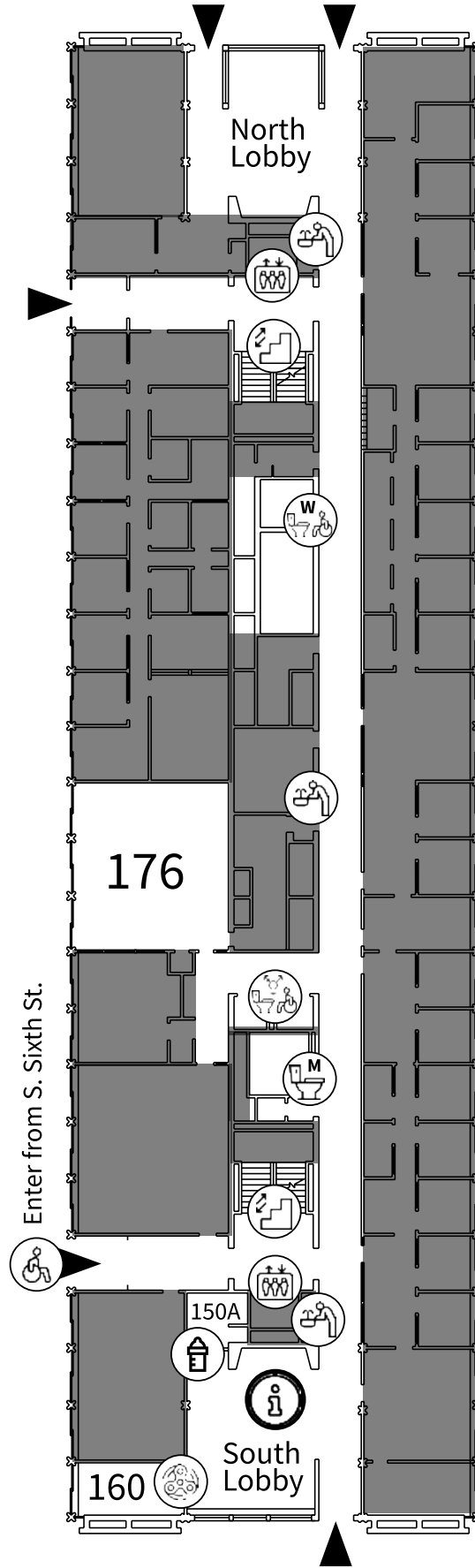



Education Building

1st Floor

↑
NORTH

-  ADA Entrance
-  Check-in
-  Elevator
-  Lactation Space
-  Restroom (All-Gender ADA)
-  Restroom (Men's)
-  Restroom (Women's ADA)
-  Sensory/Quiet Space
-  Stairs
-  Water








↓ Sixth & Peabody (1 min) 

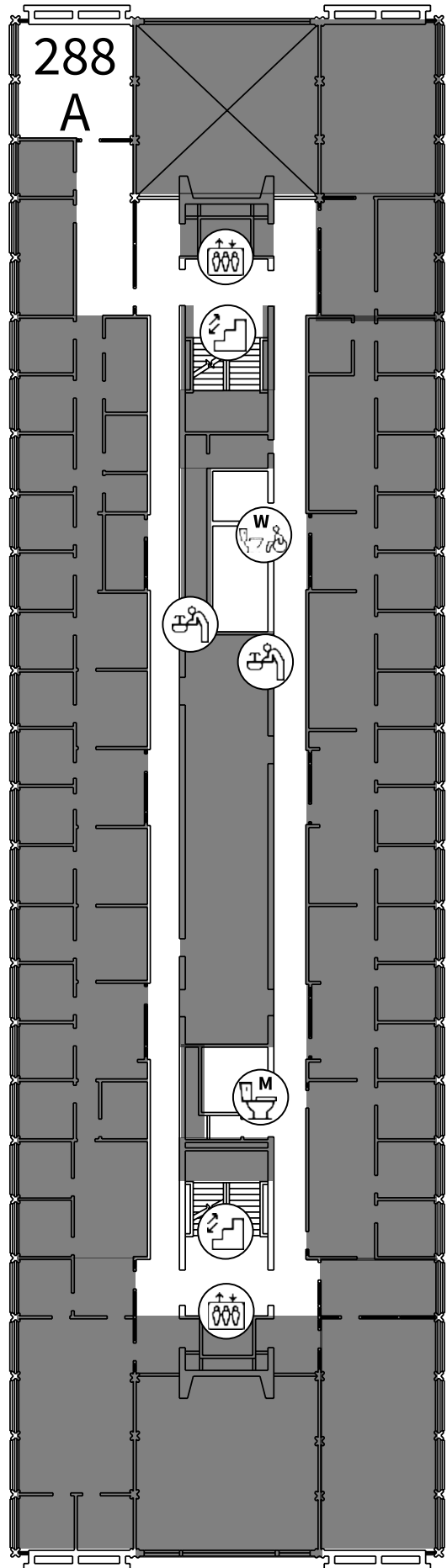
 Gregory at Library (5 min) →

→ E2 Parking Lot (1 min)

Education Building








2nd Floor

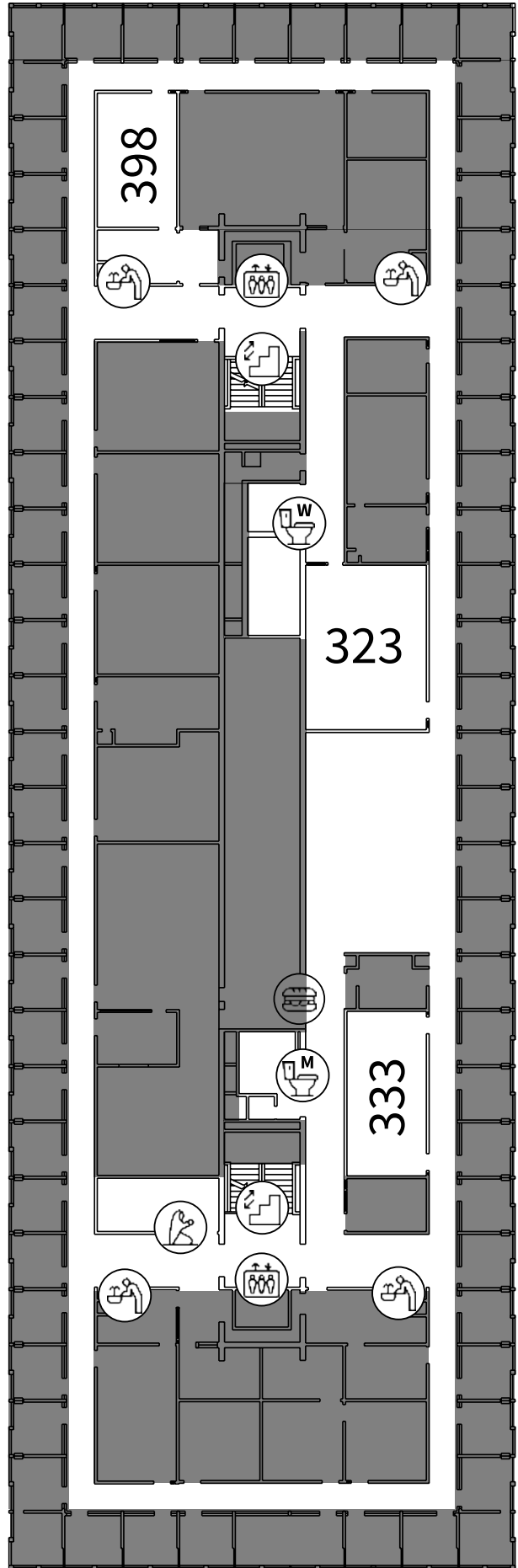
-  Elevator
-  Restroom (Men's)
-  Restroom (Women's ADA)
-  Stairs
-  Water



Education Building

3rd Floor

-  Elevator
-  Food (Vending)
-  Prayer/Meditation Space
-  Restroom (Men's)
-  Restroom (Women's)
-  Stairs
-  Water



Schedule: Thurs, March 6

3:00–3:30 PM **Poster Setup**

Basement: Lower Lobby (Room C-0001)

Poster presenters can set up their posters. Light food and refreshments provided.

3:30–4:15 PM **Opening & Panel**

Basement: Amphitheater (Room 0003)

Saad Shehab, Associate Director of Assessment and Research at Siebel Center for Design (SCD), will give an opening welcome remark. Next, he will facilitate a discussion with our panelists about their experiences doing education research in graduate school. The panelists include three postdoc/faculty (Drs. Carrie James, Matthew Goodman, Emma Mercier) and the graduate students on their projects (Weronika Kaczmarczyk-Smith, Nachi Shah, Wendy Shi).

4:15–5:15 PM **Poster Presentations**

Basement: Amphitheater (Room 0003)

All presenters will give a 1-minute elevator pitch in front of an image of their poster.

5:15–6:00 PM **Poster Showcase**

Basement: Amphitheater (Room 0003)

Presenters will engage in informal discussions with audience members by their posters.

6:15–7:30 PM **Private Dinner**

1st Floor: Starlight Room (Room 1032-A) & Gallery (Room 1001)

Please note: This event is **only** for poster presenters, panelists, and event organizers.

Poster List

Listed in alphabetical order by title.

A Conspiracy of Ravens: Reimagining the Role of Educators in Dismantling Oppressive Systems within Career and Technical Education **Andrea Kulas**

Adapting a Family Based Nutrition Curriculum for African American Communities **Divya Patel & Ajita Nair**

Amasando y Enseñando: Exploring Families' Interconnected Ways of Knowing & Teaching **Alejandra Frausto Aceves**

APAMSA Diversity Efforts: The Importance of Discussion Panels to Enhance Our Patient Care in Medical Education **Hannah Jung**

At-Hope Youth's Grief and the Need for Healing Centered Education **Kenia Rodriguex**

Campaña de Salud: Providing Health Services and Education to Champaign-Urbana **Aaron Shulkin**

Designing Feedback Loops for 21st Century Education **Justine Rovin**

Emotional Resilience, Academic Engagement, and GPA: A Moderation Analysis **Avery Bandstra**

Empathy: A Hidden Gem to Inclusive Academic Success **Jennie Lee**

Expanding What Counts as Sciences: Professional Learning Efforts to Develop Innovative Curriculum Materials **Nicholas Leonardi & Julia Poel**

Exploring Culturally Relevant Digital Content in Enhancing Student Engagement and Learning Outcomes in Public Universities in Tanzania **Maiga Muga**

Exploring Parental Perspective on Parenting Education in High School: A Suggested Solution to Enhance Future Children's Literacy Development in Rural Indonesia **Oktaria Kolnel**

Impact of International Short-Term Faculty-Led Programs on Pedagogical Techniques in Engineering **Joshua Katz & Joie Gindorf**

Implementation of Artificial Intelligence Tools in Healthcare Practice: An Umbrella Review of Systematic Reviews **Adam Andersen**

Increasing Astronomy Education Opportunities and A.I. Access in Rural, IL Schools **Spencer Hulsey**

Intentional Technologies for Diverse Futures in Medical Training: An Augmented Reality-based Endotracheal Intubation Simulator **Emre Eraslan**

- Legacies of Exclusion in Education and Contemporary Dynamics in South Carolina
Itrat Sultan
- Lesbian, Gay, Bisexual, Transgender, and Queer Students in Public Education - How Can We Help?
Sarah Langley
- Motivational Profiles in STEM Education: Predicting Engagement, Disaffection, and Persistence Across Diverse Undergraduate Students
Qingqing Zhou
- R.E.A.C.T (Relationship Efficacy and Complex Trauma)
Mandilyn Graham
- The Impact of Emotions on Graduate Teaching Assistants' In-Role performance: The Mediating Role of Informal Workplace Learning
Hyeyoon Jeong
- The Impact of Organizational Learning Culture on Knowledge Workers' Perceptions of Meaningful Work: The Moderating Effect of Psychological Safety
Hyena Cho
- Trauma and Purpose: A Systematic Literature Review and Meta-Analysis
Lillian Dine Young
- Understanding the Impact of Perceived Validation on Sense of Belonging Among Nontraditional Students at Four-Year Institutions
Jeongsan Hwang
- Women High School Principals: Perspectives on Navigating and Negotiating their Gendered Role
Anne Allegrettitti

View Abstracts

Browse a list of all poster, roundtable, and paper abstracts in three easy steps:

1. Scan the QR code or go to <https://education.illinois.edu/gsc>
2. On the side navigation, go to Program > Abstracts.
3. Abstracts are grouped by type (Poster, Roundtable, Paper) and listed alphabetically by title.



Schedule: Fri, March 7


8:00–8:30 AM Check-in & Breakfast

South Lobby & O’Leary Learning Center (Room 10) **[Main Zoom Room]**

Check-in at the South Lobby and then head to the O’Leary Learning Center (Room 10) in the basement for complimentary breakfast.

8:30–9:45 AM Opening & Keynote

Room 2 [Main Zoom Room]

 This event will be live captioned for in-person and online audiences.

Dr. Chrystalla Mouza, Dean of the College of Education, will start of the conference with a welcoming message. Then, Dr. JooYoung Seo, Professor in the School of Information Sciences, will give a keynote address titled “Multimodal Learning for an Inclusive Future: From Personal Journey to Accessible Innovation.” In this keynote, Dr. Seo will share his transformative journey from personal experience to innovative solution—one where his visual impairment catalyzed a deep understanding of multimodal learning. He will recount how integrating tactile, auditory, and visual modalities reshaped not only his own educational experience but also paved the way for pioneering projects aimed at making STEM learning accessible for learners with diverse abilities.

10:00–11:00 AM Roundtable Session 1

Presenters will give a 2–3 minute elevator pitch, followed by informal discussion with audience members. Roundtables will feature research projects at any stage of development, including literature reviews or emerging ideas. The Zoom Breakout Room names are listed in brackets, for example [Track A].

Cultural Responsiveness in Education

[Track A] Room 176

Cultural Relevance in the Classroom: Early Elementary Educators Discuss their Selection and Use of Diverse and Inclusive Literature

Katherine Davenport

The Impact of African-Centered Education on the Identity, Self-Esteem, and Academic Achievement of African American Middle School Students **Lutha Maura**

Using Gamification to Tackle Challenges in Culturally Responsive Classrooms: A Case Study Approach for Pre-Service Teacher Training **Xinyue Zhou, Yesim Akar Hozman**

Holistic Approaches to Student Well-Being [Track B] Room 333

Mental Health Supports in the Elementary Classroom **Elizabeth Walters**

Exploring and Implementing Social-Emotional Competence Coaching for BIPOC Early Childhood Teachers: A Mixed-Method Study **Casey Kim**

Filling Students' Bellies and Minds: Addressing Basic Needs Insecurity in K-12 Schools **Amanda Randolph**

Empowering Educators and Learners [Track C] Room 288-A

Addressing Language Anxiety in European EFL Classrooms: Building Teacher Competence for Multilingual Inclusivity **Martin Lehrer**

Pedagogical Agent Toolkit: Empowering ESL Teachers with A.I. Tools **Samuel Hum**

Self-Determined Student as Cofounding Factor in Teaching Instruction Research **Joan Nugroho**

Educational Technology and Innovation [Track D] Room 398

Leveraging Technology in Early Intervention: Utilizing VR to Coach Caregivers of Young Children with Complex Communication Needs **Maryana Al Tobi**

The Ethical Dilemmas of Technology Leaders in Schools **Ashish Gaur**

Investigating Big Ten Universities' Website Discourse on the Future of Education **Minjoo Chong**

Social Studies Education [Track E] Room 10-I

Civic Identity: How It Leads to Voting **Phillip Foster**

History Through Community: Teaching the Korean War **Lisa Ryou**

Using Human-Centered Design to Understand and Address Modern Slavery in a Collaborative Online International Learning Course **Joey Shepherd**

11:10 AM–12:10 PM Roundtable Session 2

Presenters will give a 2–3 minute elevator pitch, followed by informal discussion with audience members. Roundtables will feature research projects at any stage of development, including literature reviews or emerging ideas. The Zoom Breakout Room names are listed in brackets, for example [Track A].

Identity and Reflection

[Track A] Room 176

When to Clip: Analysis of Self-Selected Responsive Teaching Video Clips in High School Mathematics Classrooms **Eugene Cox**

Language Policy of Youth Group Ministry in a Korean Church in the Midwest **Hye-in Yang**

Breaking Barriers: Experiences of Asian Graduate Students as Transnational Mothers/Caregivers **Diana Purwaningrum, Triubaida Maya Ardianti**

Pedagogical Strategies

[Track B] Room 333

Measuring Higher Education Instructor Inclusive Pedagogy: A Systematic Review **Mikayla Strasser**

Embedded Ethics in Engineering **Joseph Tibbs**

Personal as Pedagogical: A Teacher Sharing Her Stories for Critical Connections with Classroom Texts and Students **Gautam Bisht**

Equity and Access in Education

[Track C] Room 288-A

Increasing Study Abroad Participation by Historically Underrepresented U.S. Students **Sundi Musnicki**

East Meets West: Integrating Cultural Identities in Academic Settings **Kshitij Tewari, Zhiyue Lu**

Understanding Experiences among First Generation to College Students' Access to Social Capital in their Pursuit of Potential College Enrollment **Daniel Miller**

Educational Leadership and Policies

[Track D] Room 398

Advertising Curriculum and the Integration of Regulations, Laws & Policies that Support Inclusive Design **Marisa Peacock**

“Being a Leader, a Good Leader, is Tough.” Service Coordinator Supervisors in Early Intervention? **Kelly Fulton**

Dismantling the Iron Cage of Neoliberalism: Critical Economic Literacy for Teachers in the Promotion of Critical Global Citizenship Education **Cat Ho**

Women High School Principals: Perspectives on Navigating and Negotiating their Gendered Role **Anne Allegrettil**

Culturally Grounded Educational Research [Track E] Room 10-I

“Memories of Papua” – Indigenous Qualitative Approach for Children’s Books on Indigenous Disaster Risk Management **Toni Ariwijaya**

Reframing Education Modality: Examining the New Art School Modality and Black Leadership in Education **Haerim Lee**

Through the Lens of “Iyagi”: Korean/Korean American Parents’ Stories on Navigating Their Children’s Early Childhood Education **Pyeong-eun Kim**

12:20–1:20 PM Lunch Panel

**Room 28 (box lunch pickup), Room 22 (panel),
Rooms 28 & 10 (overflow) [Main Zoom Room]**

Dr. Karla J. Möller will facilitate a panel with Drs. Molly Hathaway Goldstein, Stephanie Toliver, and Asif Wilson about their research’s connection to the conference theme “Education in the 21st Century: Designing a More Inclusive Future.” They will also share their experiences in academia and as faculty members. Pick up your box lunch in Room 28 and join us for an insightful conversation in Room 22! Room 28 and the O’Leary Conference Center (Room 10) are available as overflow rooms, where the panel discussion can be viewed remotely.

1:30–2:30 PM Paper Session 1

Presenters will give a formal 15-minute presentation followed by a 5-minute Q&A with the audience. Papers will feature research projects that are completed or nearly completed. The Zoom Breakout Room names are listed in brackets, for example [Track A].

Equity in STEM and Research Practices [Track A] Room 4-G

Exploring Female Engineering Students’ Gendered Internship Experiences **Jing Zhang, Hou Xie**

Breaking Barriers: Strategies for Retaining and Advancing Women Faculty in STEM at R1 Universities **Monica Liu**

Generative A.I. in Education

[Track B] Room 323

Evaluating the Impact of A.I.-Driven Writing Tools on Student Writing Skills: Insights from the CGScholar A.I. Helper Project

Raigul Zheldibayeva

Generative A.I. with RAG vs. Peer Review: A New Frontier for Assessment in Higher Education

Akash Saini

Rethinking Feedback: Empowering Human-Centered Design Education with Generative A.I.

Akash Saini

Looking at Education Globally

[Track C] Room 37

Decolonizing U.S. Education Abroad: A Call for Systemic Change

Gabrielle Haggins, Logan Pender

Evaluating Different International Learning Modalities in Engineering Courses

Joshua Katz, Joie Gindorf

Study Abroad Before 'Abroad': The Case of Italy

Elena Broscritto

K-12 Classrooms and Teachers

[Track D] Room 42-A

Bridging Theory and Practice: Exploring Teacher Roles in Implementing Project-Based Learning for 21st-Century Skills Development

Viphawee (Bee) Butler, Shuai Xu

The Woven Copresence of Students in Transformative Science Teachers' Reflections and Stories

Alejandra Frausto Aceves

Affordances and Constraints of Curriculum Case Studies in Professional Learning

Nicholas Leonardi, Julia Poel

Fostering Agency through Feedback: A Critical Discourse Analysis in 11th Grade Special Education English Class

Justine Rovin

Accessibility and Interventions

[Track E] Room 4-F

Caregiver Coaching in Early Intervention

Maryana Al Tobi

School Variability in Service Delivery Model Provision: Placement Patterns and Resource Allocation for Students with Disabilities

Josefina Senese

Beyond Buildings: Designing and Maintaining Classroom Laboratory Spaces for Accessibility

Natalie Taylor

2:40–3:40 PM

Paper Session 2

Presenters will give a formal 15-minute presentation followed by a 5-minute Q&A with the audience. Papers will feature research projects that are completed or nearly completed. The Zoom Breakout Room names are listed in brackets, for example [Track A].

Empowering Learners

[Track A] Room 4-G

A Shakespearean Theatre Program and its Pedagogical Impact on the Future
Orientation of Incarcerated Youth at a Juvenile Jail Study Site **Ozivell Ecford**

Project Based Learning Through Translanguaging: The Yew-Chung Approach to
Integrating Multilingualism in a Project Based Primary Classroom
Angelica Taylor, Zhiyue Lu

Integrating Multiple Ways of Knowing and Sustainability into Co-Designed Science
Curriculum Units **Julia Poel, Nicholas Leonardi**

Transformative Digital Learning

[Track B] Room 323

Unprompted Sparks: Empowering Collaboration in 21st-Century CSCL Environments
Robin Jephthah Rajarathinam

Multiplying the ‘Multiplicador’: A Liberatory Learning Framework for Digital
Transformation **Armando Jose Torres**

CyberGuardian: A Role-Playing Educational Game for Mastering Cryptographic
Primitives and Enhancing Real-World Cybersecurity Awareness **Shan Huang**

Equity-Centered and Inclusive Education

[Track C] Room 37

Preparing Educational Leaders to be “Fierce Advocates” for Equity **Leslie Ellis**

Race, History, Policy: Corporal Punishment of Schools in American South
Gariel Pierce

Peer Reading Group & Dialogue as an Approach to “Designing a More Inclusive Future”:
A Problem-Posing Symposium
Nathan Tanner, Chris Getowicz, Ini Periodi, Ashley Dawson, Raul Figueroa

STE(A)M Education

[Track D] Room 42-A

Socio-Cultural Theoretical Approach to Understanding Highschool STEM Education in
Rural West-Central Illinois **Aparna Kapale**

Applying Mindfulness in STEAM Youth Education: A Reflexive Auto-Ethnographical Perspective
Darcy Yue Lu, Monisha Sharma

Qualifying the Gesture-Eliciting Interventions that Promote Mathematical Learning: A Systematic Literature Review
Tiffany Reyes Denis

The Politics of Language

[Track E] Room 4-F

Language and Legality: The Role of English in Shaping Mexican American Citizenship
Sylvia Rosillo

How Institutional Messaging Shapes Inequity: A Study of the OEAI Website
Minjoo Chong

Can Low-Cost Online Pronunciation Instruction Work? A Case Study of the ACEPC
Ivan Crespo

3:50–4:50 PM

Paper Session 3

Presenters will give a formal 15-minute presentation followed by a 5-minute Q&A with the audience. Papers will feature research projects that are completed or nearly completed. The Zoom Breakout Room names are listed in brackets, for example [Track A].

Leadership in Education and Data Science

[Track A] Room 4-G

The Operations and Effectiveness of School Hiring Committees
Haeryun Kim

Prepared to Collaborate: The State of Principal Preparation and School Counseling in Illinois
Jessica Mulder

Designing Inclusive Pathways for Non-Profit Data Science
Vien Nguyen

Game-Based Learning

[Track B] Room 323

Comparing Immersive Simulations in XR and Web-Based Environments: Differences in User Preferences, Learning Outcomes, and Design Implications
Chris Palaguachi

BarrelBots: Measuring Self-Efficacy and Puzzle-Based Computational Thinking in Minecraft
Samuel Hum

The Impact of Inquiry-Based Learning on Interest Development: A Minecraft Game Context
Hyeongjo Kim

Postsecondary Education Topics

[Track C] Room 37

Policy Brief: Federal Financial Aid Challenges for Degree-Seeking Undergraduates with Long-Term Disabilities
Kelly Searsmith

Advanced Placement Access and College Enrollment: The Postsecondary Effects of Advanced Placement State Policies
Ian Callen

International Graduate Students' Perspectives on Sense of Belonging in Leisure
Kshitij Tewari

Inclusion in Learning

[Track D] Room 42-A

A Critical Discourse Analysis of Teacher's Emotionality of Teaching LGBTQ+ History
Colleen Kollasch

Why Do Early Childhood Teachers Leave the Field?
Lucie Cyliax

Redefining Disability in Adult Learning: Toward Inclusive and Transformative Educational Practices
Jeongsan Hwang

Special Topics in Education

[Track E] Room 4-F

A Sketch of Child Rights Education by Children's Literature in Vietnam: A Case Study from Examining Vietnamese Award-Winning Picture Books for Children (2018- 2023)
Lan Anh Hoang

Fostering Adolescents' Reading Motivation in the 21st Century: Toward Inclusive and Humanizing Approaches
Cigdem Yurekli

Just Fumbling Through It: Exploring First-Hand Perspectives of Diabetes and Exercise
Annalisa Murphy

5:00–5:45 PM

Awards & Closing

Room 2 [Main Zoom Room]

Please join us to recognize the exemplary graduate student papers and roundtables showcased at the conference at the awards ceremony!

Thanks to our Faculty Discussants and Student Moderators from Illinois!

Faculty Discussants

Ali Ansari
Annie McClellan [Student]
Asif Wilson
Cherie M. Avent
Gayithri Jayathirtha
Giselle Martinez Negrette
Hyun-Sook Kang
Jennifer Johnson
Jessica Hardy
Jina Kang
Karla Möller
Kristen Driscoll
Mari Altshuler
Mary Kalantzis
Mirelsie Velázquez
Nathan M. Castillo
Osly J. Flores
Paul Bruno
Rebecca Hinze-Pifer
Robb Lindgren
Stephanie Toliver
Vania Castro
Xinran Zhu

Student Moderators

Armando Torres
Cigdem Yurekli
Emily Hall
Fatmanur Onder
Haeryun Kim
Jasmine Carruth
Jen Whiting
Jerny Walls
Jose Martinez
Katie Davenport
Lan Anh Hoang
Minjoo Chong
Samuel Kumi
Shenheela Naz
Suchen Liu
Tamorah Johnson

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4. Enter your name, phone number, and email address. Accept the terms of use, and click the Register button.
5. Your email address will be assigned as a username, and a randomly-generated password will be provided. Record these details for your reference, then click the Login button.
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<https://education.illinois.edu/gsc>



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Conference Assistance:

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Annie McClellan, 217-821-7086

Accessibility:

Logan Lauren, 208-651-6435

Wifi Access:

217-244-7000 or 800-531-2531

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Committee Members

Annie McClellan	Co-Chair
Weronika Kaczmarczyk-Smith	Co-Chair
Ashita Bawankule	Conference Schedule Team Lead
Blanca Bustos	Logistics Team
Joy Chen	Design Team
Minjoo Chong	Communications Team
Ashley Dawson	Abstracts & Awards Team
Dyamond Howell	Liaison
Hyeyoon Jeong	Logistics Team
Jae Jun Jong	Logistics Team Lead
Paulina Kastania	Design Team
Logan H. Lauren	Design Team Lead & Accessibility Coordinator
Martin Lehrer	Technology Team Lead
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Logan Pender	Conference Schedule Team
Zhen (Valerie) Ren	Communications Team
Bhakti Verma	Abstracts & Awards Team Lead
Cong Wan	Design Team
Cigdem Yurekli	Conference Schedule Team
Karla Möller	Advisor
Lori Fuller	Advisor



All of our committee members will be wearing orange lanyards during the conference. Let us know if you need help or have questions!



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