

What is CIRCLS and the CIRCLS Convening?

Welcome! Please introduce yourself in the chat:

- Name
- Grade level you work with
- Your role
- What AI and emerging technologies you are interested in



CIRCLS

Center for Integrative Research in
Computing and Learning Sciences



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SRI Education



Introductions



Pati Ruiz



Sarah Hampton



Cassandra Kelley

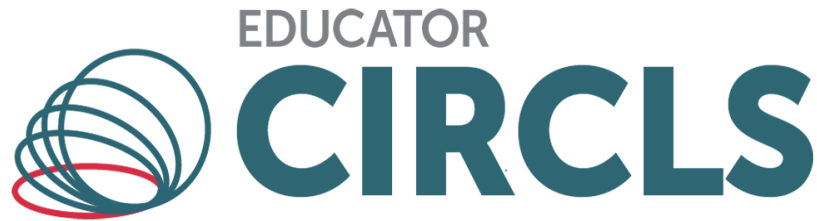


Kip Glazer

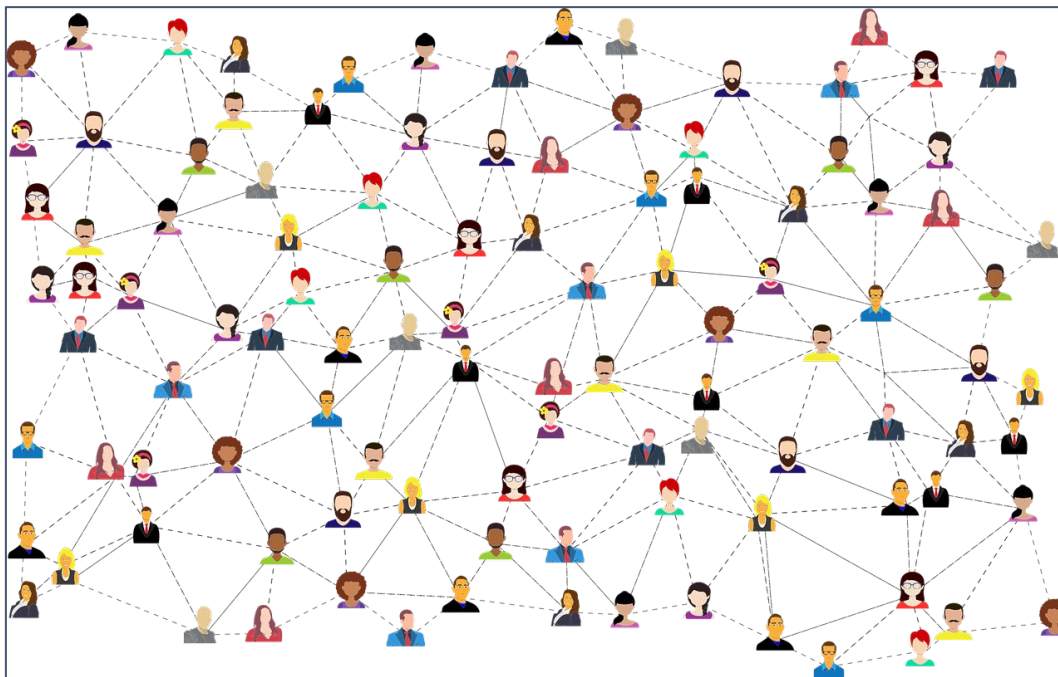
Agenda/Outline

- Who are we? What is CIRCLS?
- What is the CIRCLS'23 convening?
- What is the Summer Series?
- Next steps

CIRCLS Overview



What do we do? - CIRCLS Overview



Educator CIRCLS

A brief history:

- The Einstein Fellow at NSF in 2014 started a blog for educators a second Fellow worked on it through 2015.
 - In 2016, CIRCL staff recruited educators to write.
- Since the beginning we have been bringing educators to meetings and this was very unique among resource centers 9 years ago!



Judi Fusco



Pati Ruiz

Educator CIRCLS

Ways of being engaged:

- Survey
- New set of activities
- Write Blog Posts
- Monthly or quarterly meetings on a topic of expertise or interest

We want to hear from you!

April 3, 2023

Artificial Intelligence and Education: What We're Up To



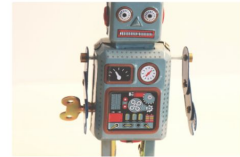
February 1, 2023

Developing Sample Computational Thinking Lessons with ChatGPT



January 20, 2023

Glossary of Artificial Intelligence Terms for Educators



August 9, 2022

Book: AI for School Teachers



July 7, 2022

Teachers Partnering with Artificial Intelligence: Augmentation and Automation



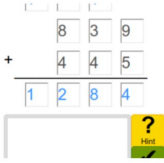
June 27, 2022

Enhancing Learning Performance With Microlearning



June 7, 2022

Apprentice Learner: Artificial Intelligence (AI) in the Classroom



May 4, 2022

How Can AI Systems Support Teachers: 5 Big Ideas from the Learning Sciences



April 7, 2022

Artificial Intelligence in Education: A Reading Guide Focused on Promoting Equity and Accountability in AI





CIRCLS '23 CONVENING

*Shaping AI and Emerging Technologies
to Empower Learning Communities*

November 2–3, 2023

What is the convening about?



- November 2-3, 2023 in Alexandria, Virginia
- Approximately 180 participants
- Researchers, policymakers, practitioners, and graduate students/postdoctoral scholars can apply to attend.

Keynotes

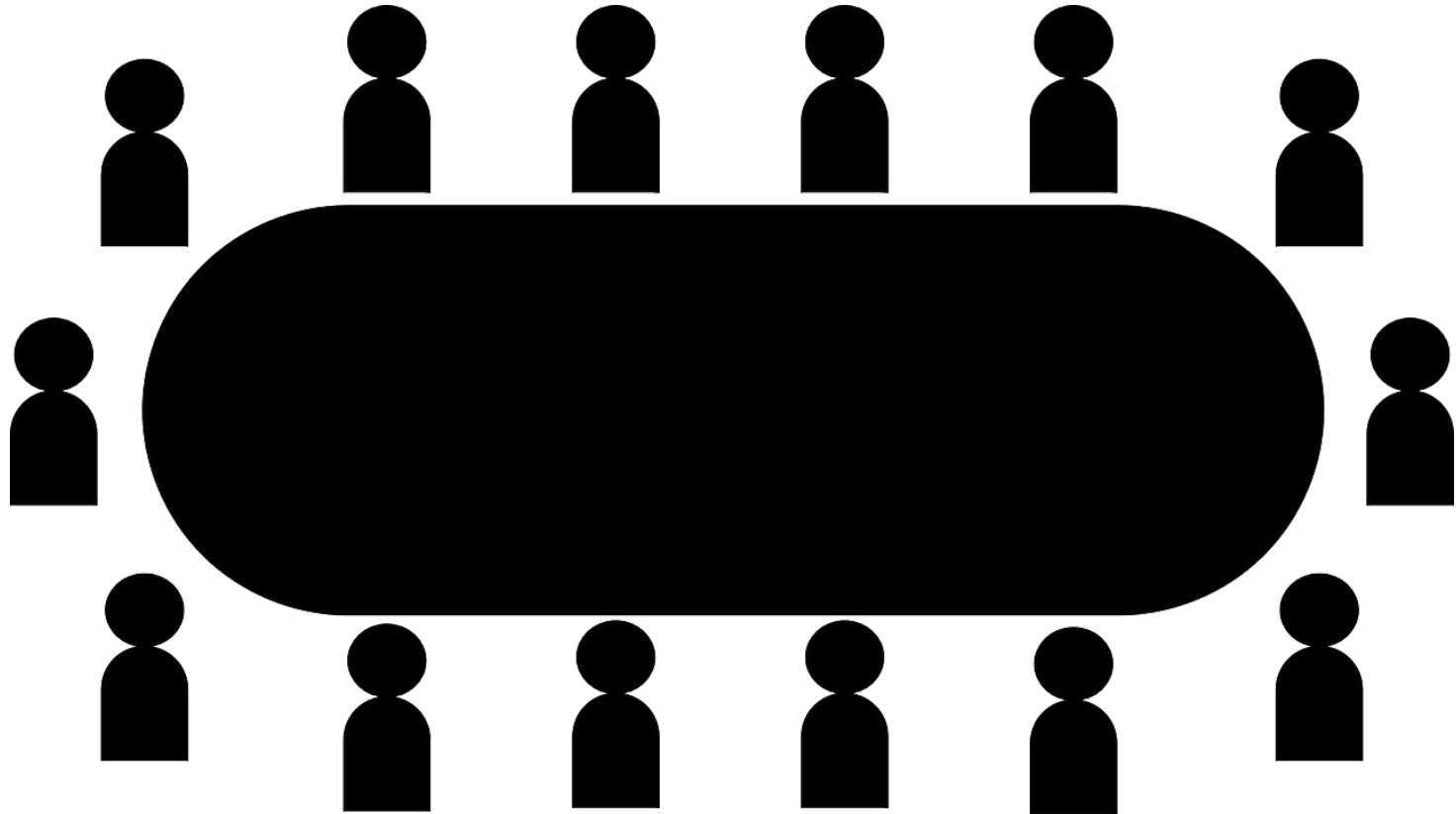


Marcelo Worsley
Northwestern University



Meredith Broussard
New York University

Roundtable



Expertise Connection

Equitable Learning in Immersive and Augmented Environments

Learning American Sign Language in Virtual Reality



- ASL Learning in immersive virtual reality
- Integrates head mounted VR + hand tracking + motion capture avatars
- Leadership from deaf signers at all levels of project

Quandt & Malzkuhn, NSF IIS Cyberlearning / RETTL, 2018, 2021



GRASP

FOCUS AREA
Innovation Lab, STEM Models & Simulations, Tools for Inquiry

SUBJECT
Chemistry, Earth & Space Science, Physics

GRADE
Middle School

Investigating how middle school students use body movement to build deeper reasoning about critical science concepts.

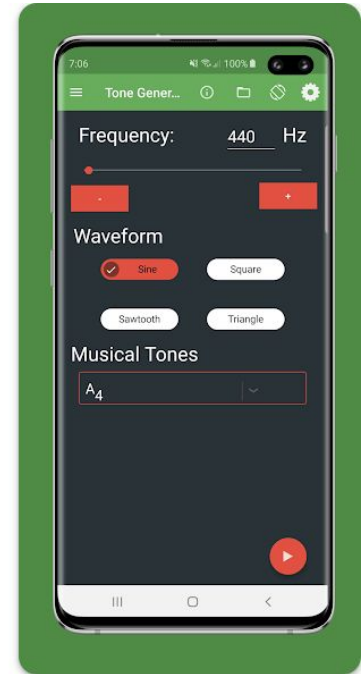
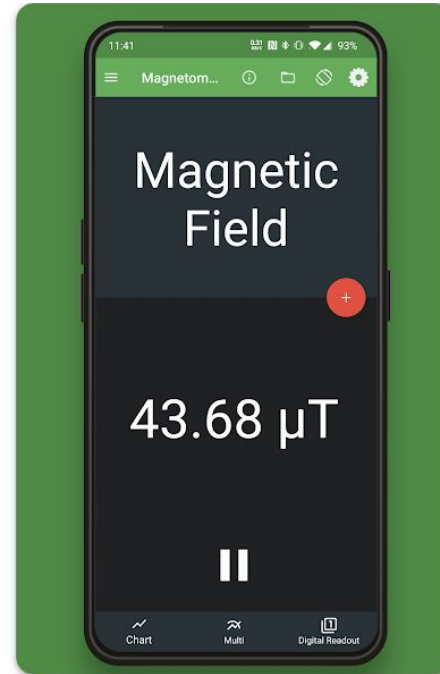
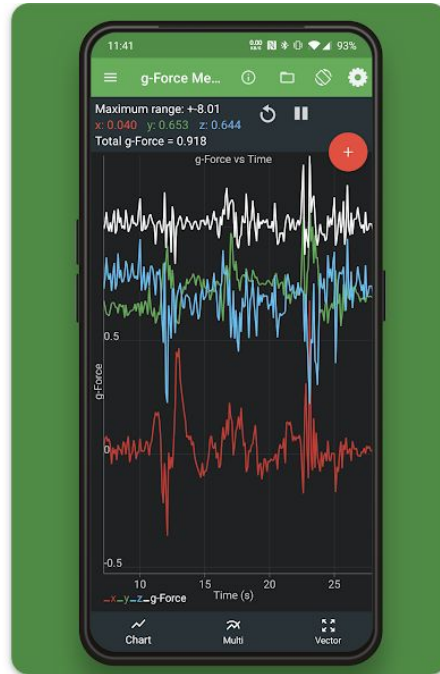
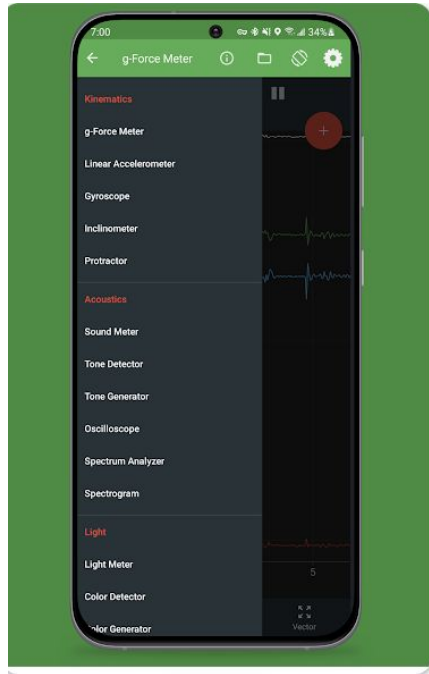


Robot-Mediated Learning: Exploring School-Deployed Collaborative Robots

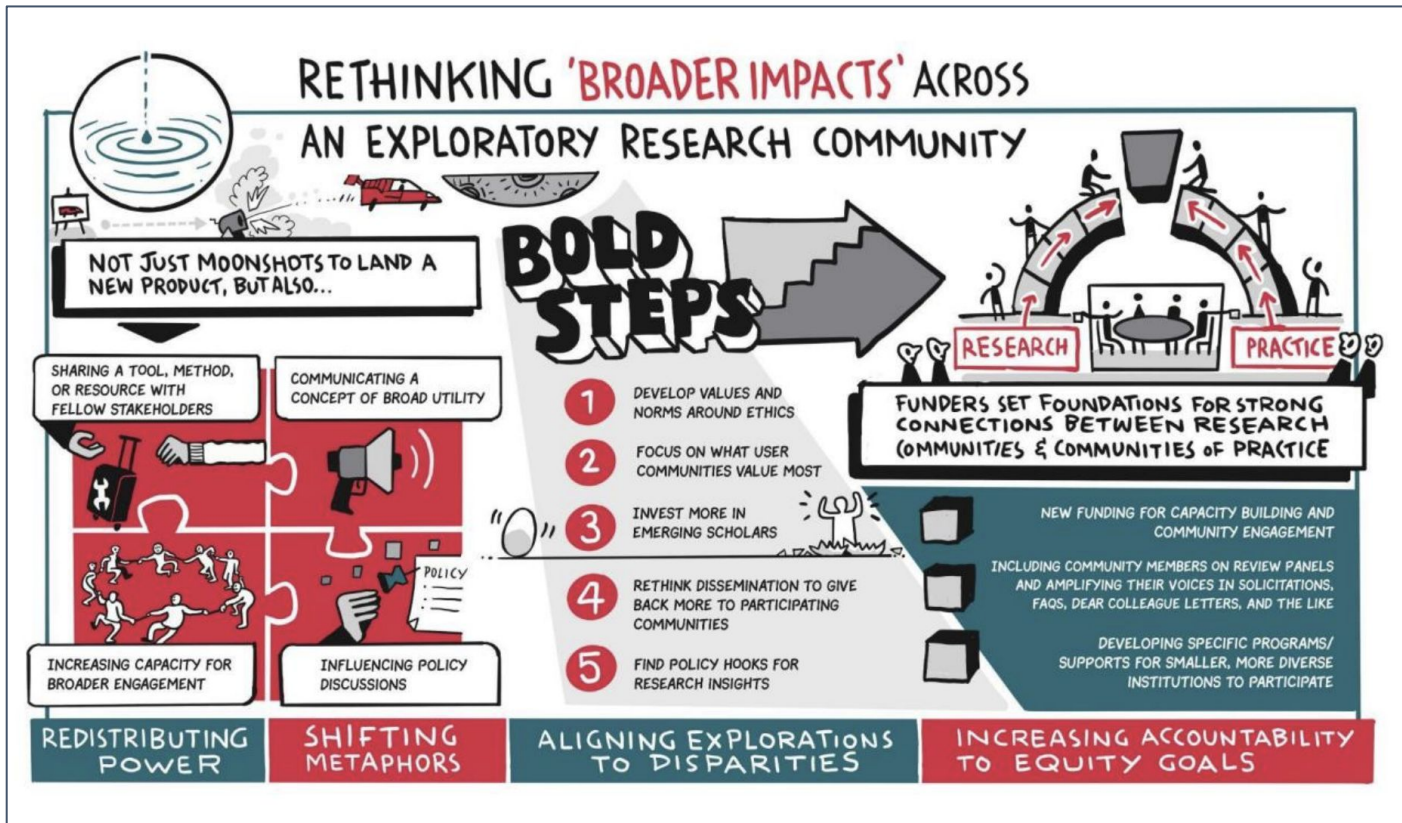


Gallery Walk

Physics Toolbox Sensor Suite



Strategy Session and Town Hall



How to Apply

- Application for educators to attend
- You will receive an email with the registration link
- Complete the registration by the end of day **August 6th, 2023**
- You will be notified around **August 21st, 2023**



Questions about applying? Email us at circls-contact@digitalpromise.org

**What is the
summer series?**

Summer Discussion Series



- **Community-building:** Opportunity to talk to researchers and other practitioners about your experiences
- **Knowledge-building:** Learn more about various topics in emerging technologies and AI

Summer Discussion Series

Calendar of Sessions

July 18th: Overview of Emerging Technologies and AI in Education

July 20th: Assessment, Identity and Agency

July 25th: Collaborative Learning and Community Building

July 27th: Equitable and Ethical Practices and Interactions

August 2nd: Social Robotics

August 15th: Learning and Productivity

***Everyone is welcome! You do NOT need to apply for
or attend the convening to participate!***

Summary

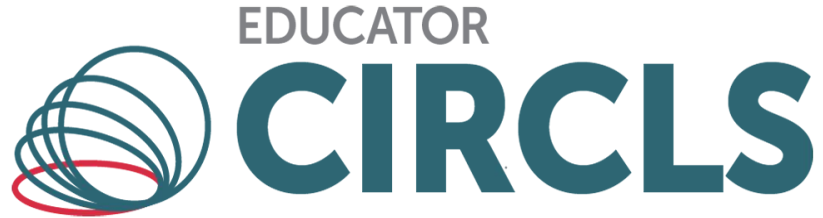


We invite you to:

- **Prepare**
- **Participate**
- **Pursue**

Questions?

Additional Information



Thank you

&

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