CIRCLS Newsletter - Issue 2, March 2021

Watch your inbox for the opportunity to register for the CIRCLS annual convening, to be held virtually on September 13 and 14, 2021 — please save those dates. Why attend? As with our previous events, this meeting will be highly interactive. You will meet amazing new colleagues and learn about related projects funded under RETTL or funded elsewhere but addressing our theme of emerging learning technologies. We will work with a program committee to design a compelling focus on the most important issues for computer scientists, learning scientists, and educators. Attending will prepare you for the October RETTL and DRK-12 proposal due date and you'll be able to schedule side meetings with program officers. Don't miss this convening!

Educators, Artificial Intelligence, and the Future of Learning

Digital Promise and Educator CIRCLS are hosting a series of webinars to engage educators and researchers in a new conversation about how artificial

intelligence (AI) will shape education. The "Educators, Artificial Intelligence, and the Future of Learning" webinar series focuses on AI research projects around assessment, teacher support, and learning environments. View the recording from the first webinar. For more information and to register, see this blog post. Join us!

CIRCLS Team Spotlight

As a co-PI of CIRCLS, Shari Gardner focuses on identifying, defining, and building the community of projects that CIRCLS serves. This includes reaching out directly to community members via surveys in order to collect information that informs CIRCLS activities, and to learn more about the projects and researchers that comprise our community. She is a Sr. Education Researcher at SRI Education whose research involves using digital tools to improve the quality and equity of education for all students. She also convenes grantee communities to promote shared learning and amplify impacts. She looks forward to getting to know the new members of the CIRCLS community and learning more about the exciting and innovative work taking place in the field.

Expertise Exchanges Updates

AI and Education Policy
On March 9th, CIRCLS kicked off our Expertise Exchange on AI and Education Policy! This Expertise Exchange gathers a community of stakeholders in academia, industry, non-profits, and K-12 education to learn about and develop policy recommendations at the intersection of AI and education. Over the course of three months (March-May, 2021), we will be hosting speakers, holding policy reading groups, having panel discussions, and participating in brainstorming and planning sessions to work towards actionable policy recommendations. If you're interested in joining upcoming meetings for the AI and Education Policy Expertise Exchange, please contact us!

Emerging Scholar CIRCLS
Emerging Scholar CIRCLS will hold their inaugural meeting on March 15, at 3 p.m. ET and March 16, at 10 a.m. ET. We are offering two sessions to accommodate participants in different time zones. This Expertise Exchange is dedicated to bringing together and supporting graduate students, postdocs, and recent graduates. In the upcoming months, we will be offering

opportunities for the emerging scholars to engage in practice and leadership in our interdisciplinary field through mentoring opportunities and affinity groups. If you are interested in this community and in joining our inaugural meeting, please fill out this interest form by March 14.

Educator CIRCLS

Educator CIRCLS aims to bridge research with classroom practice and broaden the community of people involved in CIRCLS. We are currently engaged in organizing webinars around AI; blogging around various topics; and considering projects in the CIRCLS portfolio and how they relate to the classroom, both current and future. Educator CIRCLS also welcomes ideas for new conversations and activities. Please reach out to participate in one of the kickoff meetings for Educator CIRCLS on either: March 29, 2021 at 9 a.m. PT or March 30, 2021 at 3 p.m. PT.

If you are interested in joining any of our Expertise Exchanges, please fill out this form.

Opportunities

Are you presenting on emerging technologies for teaching and learning at AERA, ICLS, or another 2021 conference? CIRCLS can share your news on our social media channels. Please fill out this form and we will promote your presentation.

- **Funding**: Computer and Information Science and Engineering Graduate Fellowships: CSGrad4US: NSF's Directorate for Computer and Information Science and Engineering announces its intention to support CISE Graduate Fellowships (CSGrad4US) as a pilot effort. In particular, CSGrad4US is intended for individuals who have some practical experience following their bachelor's degree and are now interested in pursuing a research-based doctoral degree. Applications are due by **April 13, 2021.** Read more
- **Funding**: Designing Accountable Software Systems: The Designing Accountable Software Systems (DASS) program solicits foundational research aimed towards a deeper understanding and formalization of the bi-directional relationship between software systems and the complex social and legal contexts within which software systems must be designed and operate. It aims to bring researchers in computer and information science and engineering together with researchers in law and social, behavioral, and economic sciences.. Proposals are due by **April 19, 2021.** Read more
- **Call for Submissions**: Special Issue "Integrating Sensor Technologies in Educational Settings": Guest editors, Prof. Dr. Mimi Recker, Dr. Colin Hennessy Elliott, and Dr. Quentin Biddy invite contributions for researchers and practitioners examining how emerging sensor-based physical computing systems can be used to

support innovative computing education for all students at all grade levels. This Sensors special issue will provide a forum for describing innovative approaches to using programmable sensor technologies in a range of educational settings. Submissions are due by **October 31, 2021.** Read more

- **Call for Submissions**: Special Issue "Emerging Learning Technologies for Future of Work and Education in Engineering": Proposals are invited for papers for a special issue of the Journal of Advanced Engineering Informatics. It aims to advance knowledge in the application of next-generation learning technologies in engineering work and education by encouraging authors to present new concepts, experiments, and case studies, as well as to define methodologies and best practices to foster and assess education and re-skilling through technology-rich learning environments. Submissions are due by **April 30, 2021.** Read more

- **Job Opportunity**: University of Maine Postdoctoral Research Associate: This position will advance an NSF-funded project to motivate interest in STEM topics by allowing Minecraft users to ask "What if?" questions about the Earth, such as "What if the Moon didn't exist?" or "What if the Earth was a moon," and explore the consequences of these variation in the popular video game Minecraft. The selected candidate will be charged with creating models and supporting the implementation of Minecraft versions of fictional and known planets. Review of applications begin on **April 1, 2021.** Read more

Stay tuned and be on the lookout for the most up-to-date opportunities on our website and Twitter.

Have some news or resources that you want to share with the community?
Contact CIRCLS

Follow us on FACEBOOK l TWITTER l LINKEDIN

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