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## CENTER FOR LEARNING IN THE DIGITAL AGE (LiDA)

LiDA Colloquium Series – September 30, 2021

<https://www.rochester.edu/warner/lida/programs/lida-colloquium-series/>

### ***What LiDA PROJECTS can be of benefit for you?***

**Brief Description:** As it has been our tradition, this first event of the year will provide an opportunity for LiDA Community members to share updates and reconnect. For this event, we will have two sets of conversation starters and related breakout rooms, so as to gather information about more projects covering various aspects of LiDA-related work. Conversation starters will share findings from their LiDA-related projects relevant to the LiDA Community and/or opportunities to collaborate on that work. Participants will also be invited to post online updates on other LiDA-related projects.

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**LiDA contact information:** [lidacenter@warner.rochester.edu](mailto:lidacenter@warner.rochester.edu).

#### **OUTLINE:**

**ASYNCHRONOUS COMPONENT:** *Online introductions & updates*

#### **ZOOM SESSION:**

1. Welcome and introduction to the LiDA Series
2. First set of “Conversation starters” (*max 3 minutes each*):
  - A. Interview Study of K-12 administrators’ experiences during the pandemic (*Andrea Cutt*)
  - B. UR “Future of Work Capacity Building” project (*Raffaella Borasi*)
  - C. NYSED Smart Start - PD focused on the Computer Science Standards (*Zenon Borys*)
  - D. UR Libraries’ mini-grants to prepare OER resources (*Eileen Daly-Boas & Andrew White*)
3. Follow-up discussion in Breakout Rooms - **your choice!**
4. Second set of “Conversation starters” (*max 3 minutes each*):
  - E. SYNC-ON projects: Preparing online math coaches (*Jeff Choppin & Cyndi Carson*)
  - F. CHLOE Report: HE national survey focussed on responses to the pandemic (*Eric Fredericksen*)
  - G. NYSED Smart Start - PD focused on digitally-rich teaching (*Nick Lind*)
  - H. Reading2Babies: Leveraging digital technology to promote early literacy (*Carol St. George*)
5. Follow-up discussion in Breakout Rooms - **your choice!**
6. Closing

**NOTE:** Texts in *red* provide directions to actions the participants are expected to take.

### **ASYNCHRONOUS SHARING**

To make the best use of our limited synchronous time in this Zoom session, we have selected as “conversation starters” spokespersons for projects that we thought might have the most immediate impact for our LiDa community right now, and/or offered opportunities for collaboration. We invite all other participants in this session, as well as other LiDA Community members who may not be able to attend this session, to also share key updates about their LiDA-related projects in this document - preferably before, but possibly also after our September session.

## “Conversation Starters”

\*Indicates LiDA Community members

Project brief description, team, and links to additional information	Opportunities for collaboration
<p><b>A. Interview study of K-12 administrators experiences during the pandemic:</b> Over 50 K-12 administrators have been interviewed at different points during the pandemic last year to gather lessons learned that can benefit the field - and we plan to interview more this Fall!</p> <p><b>Team:</b> Andrea Cutt; *Dave Miller; *Zenon Borys; *Raffaella Borasi</p>	<p><b>Opportunities for collaboration:</b> Inviting interested K-12 administrators to participate in a 30+-minute Zoom interview to share their experiences and lessons learned from the pandemic. Contact: <a href="mailto:acutt@warner.rochester.edu">acutt@warner.rochester.edu</a></p> <p><b>Possible research apprenticeship site</b></p> <p><b>Forthcoming NYSCATE presentation</b> (Nov.2021 in Rochester)</p>
<p><b>B. UR Future of Work Capacity Building:</b> Funded by an internal grant, this project aims at empowering a few interdisciplinary teams of UR faculty, staff and students to develop competitive proposals related to better preparing students for future jobs in that involve applications of technology.</p> <p><b>Team:</b> over 30 people across Warner, Ain Center for Entrepreneurship, Goergen institute of Data Science, Greene Career Center, institute of Music Leadership, Institute of Optics, University Graduate Office; including *Raffaella Borasi; *Zenon Borys; *Mike Daley; Jon Herington; *Dave Miller; *Sarah Peyre; *Erqian Xu</p> <p><a href="#">Project description</a></p>	<p><b>Opportunities for collaboration:</b> Inviting volunteers interested in joining one of the following teams to contact its team leader: A. Digital Humanities/Impact of Large Language Models (<a href="mailto:jherington@rochester.edu">jherington@rochester.edu</a>) B. The Climate Economy (<a href="mailto:mdaley@warner.rochester.edu">mdaley@warner.rochester.edu</a>) C. Higher Education Services (<a href="mailto:rborasi@warner.rochester.edu">rborasi@warner.rochester.edu</a>) D. Health Care Delivery (<a href="mailto:dmiller@warner.rochester.edu">dmiller@warner.rochester.edu</a>). E. Optics administrators interviews over (<a href="mailto:nick.vamivakas@rochester.edu">nick.vamivakas@rochester.edu</a>) F. Artist-technologists (<a href="mailto:rborasi@warner.rochester.edu">rborasi@warner.rochester.edu</a>)</p> <p><b>Possible research apprenticeship site</b></p>

<p><b>C. NYSED Smart Start - PD focused on the Computer Science Standards:</b> Year-long professional development for K-8 teachers in WFL BOCES districts to support the implementation of the new NYS Computer Science and Digital Literacy standards; funded by NYSED for 5 years, it is expected to serve a total of 50-60 new teachers each year.</p> <p><b>Team:</b> Gordon Baxter; *Raffaella Borasi; *Zenon Borys; *Cyndi Carson; Michaela Marino; *Dave Miller; Seth O'Bryan; Marie Rice</p> <p><a href="#"><u>PD brief description</u></a></p>	<p><b>Opportunities for collaboration:</b> This PD program will continue to be offered for the next 4 years, and any K-8 teachers in Bloomfield, Canandaigua, Clyde-Savannah, Marcus-Whitman, Lyons, Red Jacket, Naples, North Rose-Wolcott, Penn Yan, Seneca Falls, Sodus, Victor, Waterloo, and Wayne are eligible.</p> <p>Contact: <a href="mailto:Gordon.Baxter@edutech.org"><u>Gordon.Baxter@edutech.org</u></a></p>
<p><b>D.UR Libraries' mini-grants to prepare OER resources:</b> The UR libraries are offering some funding and staff support to UR faculty interested in creating Open Education Resources (OER) for one of their courses.</p> <p><b>Team:</b> *Kim Hoffmann; *Eileen Daly-Boas and other UR library staff</p> <p><a href="#"><u>Mini-grant Announcement</u></a></p>	<p><b>Opportunities for collaboration:</b> New set of OER grants will be awarded - interested UR faculty are Invited to apply</p> <p>Contact: <a href="mailto:edaly@library.rochester.edu"><u>edaly@library.rochester.edu</u></a></p>
<p><b>E.SYNC-ON:</b> SyncOn is a 3-part online professional development model for mathematics teachers in rural contexts. The model includes an online course, online demonstration lessons, and video-based coaching. We have a new project with a similar model focused on mathematics coaches in rural contexts.</p> <p><b>Team includes:</b></p> <p>For a video of our project, see: <a href="https://stemforall2019.videohall.com/presentations/1487"><u>https://stemforall2019.videohall.com/presentations/1487</u></a></p>	<p><b>Opportunities for collaboration:</b> We are interested in expanding our focus area beyond mathematics education in terms of helping others develop models with similar components.</p> <p>Contact: <a href="mailto:ccarson@warner.rochester.edu"><u>ccarson@warner.rochester.edu</u></a></p> <p><b>Join us for the Warner Wednesday Talk:</b> Video-Based Online Coaching Cycles</p> <p>Wednesday, October 6, 2021 @ 12 - 1pm</p> <p>Presented in-person: LeChase Hall, Genrich-Rusling Rm 215 (with a Zoom option) Please <a href="#"><u>register</u></a> to attend.</p>

<p><b>F.CHLOE Report:</b> The CHLOE project looks at the structure and organization of postsecondary online education in the U.S., as it becomes increasingly mainstream. As online learning moves from an experimental phase to an established institutional function, CHLOE documents steps to achieve stability, reliability, and consistency. The 2021 report focussed especially on the effects of the COVID-19 pandemic.</p> <p><i>The CHLOE website (see below) highlights the research team, the CHLOE Advisory Panel, and the collection of CHLOE Reports:</i>  <a href="https://www.qualitymatters.org/qa-resources/resource-center/articles-resources/CHLOE-project">https://www.qualitymatters.org/qa-resources/resource-center/articles-resources/CHLOE-project</a></p>	<p><b>Contact:</b> <a href="mailto:eric.fredericksen@rochester.edu">eric.fredericksen@rochester.edu</a></p>
<p><b>G. T3 (Digitally-Rich Teaching) Smart Start Grant:</b> Year-long professional development for K-8 teachers in selected GST BOCES districts aiming to “transform teaching with technology”; funded by NYSED for 5 years, it is expected to serve a total of 50-60 new teachers each year.</p> <p><b>Team includes:</b> <i>Ryan Wassink; *Raffaella Borasi; *Zenon Borys; *Heather Boyle; *Cyndi Carson; *Keirah Comstock; *Mike Daley; Jen Kruger; Tiffany LaPrade; *Nick Lind; Stephanie Martin; *Dave Miller; Kim Saccardi</i></p>	<p><b>Opportunities for collaboration:</b>  This PD program will continue to be offered for the next 4 years to K-8 teachers in participating districts within the Greater Southern Tier BOCES</p> <p><b>Contact:</b> <a href="mailto:RWASSINK@gstboces.org">RWASSINK@gstboces.org</a></p>
<p><b>H.Reading2Babies:</b> Project supported by the Moskowitz Family Foundation to create online materials that will promote and support new parents and other care givers reading to their babies. A collaboration between Warner and the UR Medical Center.</p> <p><b>Team:</b> <i>Laura Griffone; *Carol St.George (PI); *Raffaella Borasi (PI); *Yu Jung Han; *Dave Miller; *Sarah Peyre; *Anlun Wang; *Erqian Xu; Ky Lynch</i></p>	<p><b>Opportunities for collaboration:</b>  Looking for family members/ care- givers of babies interested in piloting the online materials we are creating.</p> <p><b>Contact:</b> <a href="mailto:Cstgeorge@warner.rochester.edu">Cstgeorge@warner.rochester.edu</a></p> <p><b>Possible research apprenticeship site</b></p>

## Other projects:

Please add information about other LiDA-related projects you are engaged in:

Project brief description & updates + team (with LiDa Community members marked with *)	Opportunities for collaboration + links to additional information
<p><b>Noyce MTF preparing “digitally-rich” master teachers:</b> This 5-year project, supported by a grant from NSF, is preparing 21 STEM master teachers to promote and support.</p> <p><b>Team:</b> *Cindy Callard (PI), *Raffaella Borasi, *Zenon Borys, *Cyndi Carson; *Mike Daley; Kim Fluet; John Kessler; Jen Kruger; *Michael Occhino; Stephanie Martin; *Dave Miller; Melissa Staloff</p>	<p>Contact: <a href="mailto:ccallard@warner.rochester.edu">ccallard@warner.rochester.edu</a></p> <p>Website: <a href="http://urnoyce.org/digitally-rich-projectoverview/">http://urnoyce.org/digitally-rich-projectoverview/</a></p> <p>Recent videos featuring the program: <a href="https://stemforall2021.videohall.com/presentations/2081">https://stemforall2021.videohall.com/presentations/2081</a></p>
<p><b>Bullying Education with Literacy:</b> Project supported by the Moskowitz Family Foundation to create online materials that will support K-12 teachers in creating literacy events that can help fight bullying in schools.</p> <p><b>Team:</b> Laura Griffone; *Carol St. George; *Raffaella Borasi; *Yu Jung Han; *Anlun Wang</p>	<p><b>Opportunities for collaboration:</b> Looking for K-12 teachers interested in piloting the online materials we have created.</p> <p>Contact: <a href="mailto:Cstgeorge@warner.rochester.edu">Cstgeorge@warner.rochester.edu</a></p> <p><b>Possible research apprenticeship site</b></p>
<p><b>RESET: NYSED Learning Technology grant focused on digitally-rich teaching in grades 9-12:</b> The “RE-Imagined and Systemic Educational Transformation through Technology” [RESET] project, a collaboration between five districts within the Greater Southern Tier BOCES and the UR Warner School of Education, is a 3-year professional development program funded by NYSED to transform instructional practices at grades 9-12 through integration of educational technology, resulting in digitally rich and responsive learning environments.</p> <p><a href="#">Project description</a></p>	<p><b>Opportunities for collaboration:</b> We are currently recruiting high-school teacher leaders, curriculum coordinators and other administrators from Elmira, Hornell, Campbell-Savona, Waverly, and Spencer-Van Etten for the 3-year program. Next year we will also recruit high-school teachers to participate to a year-long PD.</p> <p>Contact: Alicia Bubb, project coordinator, at: <a href="mailto:ABUBB@elmiracityschools.com">ABUBB@elmiracityschools.com</a></p>
<p><b>Exploring the Digital Literacies of Indonesian Youth:</b> Analysis and dissemination continues for the Fulbright-sponsored mixed methods exploratory study of the digital literacy practices of secondary students in Central Java.</p> <p>PIs: *Jayne Lammers, Puji Astuti</p> <p>Collaborators: Yadi Zhang, Xueyan Duan, Ismet Hi Karim, Keirah Comstock</p>	

<p><b>Link to our first publication available in the UR Library:</b> <a href="#">Calling for a Global Turn in Digital Literacies Education</a></p>	
<p><b>Developing Literacies of Power in a 5-Steps to Advocacy Unit:</b> This research-practice partnership is supporting an East English teacher as she iterates her instruction in a senior-level Journalism class in ways that support students studying and proposing solutions to local problems they care about then presenting them to the community through multimodal digital media. This year she's incorporating a variety of digitally-rich practices throughout the year to prepare students for the culminating research unit.</p> <p><b>Team:</b> Valerie Marsh, Elizabeth Conroy, *Jayne Lammers</p>	
<p><b>Teachers' Use of Fan-based Literacies for ELA Instruction:</b> Analysis and dissemination continues for the study of how four teachers took up (or not) what they learned in a professional learning course about fandoms and online fan communities. This year-long study overlapped with the start of the pandemic, capturing how fan-based literacies were leveraged during remote crisis schooling for playful ELA instruction.</p> <p>PIs: *Jayne Lammers, Alecia Magnifico</p> <p>Collaborator: *Anlun Wang</p>	
<p><b>BTSology - Introduction to the Global Fan Practices for Educators:</b> Presentations (New York State TESOL webinar &amp; Warner Wednesday Talk) and on-going analysis on the world of the BTS fandom ARMY and their fan practices discuss what education should know and do with them.</p> <p>Contact person: *Yu Jung Han</p> <p>Collaborators: Dewi Elmiana, Sieun Park</p>	<p>If you are interested in global fan practices (especially BTS/ARMY), contact Yu Jung Han (<a href="mailto:yhan18@u.rochester.edu">yhan18@u.rochester.edu</a>) for any collaboration ideas.</p>

<p><b><i>Can We Walk in Our Patients' Shoes? A Mixed Methods Study on The Education Potential of Immersive Virtual Reality in Empathy Training for Medical Students. Warner dissertation.</i></b></p> <p>PI: Riham Alieldin, MD, MSc</p> <p>This study is meant to empower medical students to deliver compassionate, and empathic patient-centered care to their patients. The perceptions of medical students after encountering an immersive virtual reality (IVR) training experience as a pedagogy for learning empathy is investigated. In addition, the design elements of this novel technology that can maximize achieving the desired learning outcome is explored.</p> <p>Specifically, medical students at the SMD experience a user-focused immersive VR scenario on the Embodied labs platform using VR headset. A scenario that focuses on loneliness and social isolation in elderly patients and their effect on their health outcomes is used for the purpose of this learning experience.</p>	<p>For more information, contact: Riham Alieldin at ralioldi@u.rochester.edu</p>
<p><b><i>AI for K-12 STEM Learning</i></b> This project focuses on designing emerging technologies (e.g., data visualization, AR/VR) to support data-driven scientific discovery in K-12 classrooms. The research team has developed an initial system called SmileyCluster that supports novice high school students and teachers to engage in inquiry-based learning using programming-free data mining analysis.</p> <p><b>Team:</b> *Zhen Bai (PI), Xiaofei Zhou, *Michael Daley, *Raffaella Borasi, *Dave Miller</p>	<p><b><i>Opportunities for collaboration:</i></b> Looking for K-12 STEM teachers and science education researchers to participate in co-design workshops for integrating data literacy and K-12 STEM education</p> <p>Contact information: Zhen Bai (zbai@cs.rochester.edu)</p>
<p><b><i>Language Learning Opportunities Provided by Out-of-school Online EFL Courses for Chinese K-12 Students: Using a mixed-methods case study design, this study seeks to identify the intended, implemented, and learned curriculum of these EFL courses, what kinds of online interactions could be observed in these classes, and what design</i></b></p>	<p>Opportunities for collaboration: Looking for researchers who are interested in working together to explore online and EFL teaching and learning . Please contact: Sherry Duan xduan3@u.rochester.edu.</p>

<p><i>elements and contextual factors were important to the language learning opportunities observed. Findings from this study are expected to help design and implement effective online EFL courses and programs that can eventually expand and improve the use of online EFL learning opportunities for K-12 students in China and other countries that lack high-quality education resources in under-privileged areas.</i></p> <p><i>PI: Sherry (Xueyan) Duan</i></p>	
<p><b>Project brief description, team, and links to additional information</b></p> <p>Covid Connects Us is a cross-site collaboration between UR, UConnecticut and Islandwood Environmental Center. It focuses on understanding, identifying and creating tools for justice-centered ambitious science teaching (JuST). We are using an <a href="#">Student Electronic Exit Ticket (SEET)</a> and the Swivl camera to gather data from classrooms to support the work of networked professional learning communities of secondary science teachers across the project. The 11 different PLCs are implementing the Science of COVID units in culturally sustaining ways as the shared, anchoring experience for the project.</p> <p>PI: April Luehmann</p>	<p><b>Opportunities for collaboration</b></p> <p>Looking for volunteer qualitative researchers who would code PLC transcripts for equity discourses and categories of ambitious science teaching practices. We could also use support in collecting and organizing tools and examples of JuST practice.</p> <p>Contact: <a href="mailto:aluehmann@warner.rochester.edu">aluehmann@warner.rochester.edu</a></p>

### ***Additional opportunities for UR students:***

*[DSPSA] The DSPSA is launching a series of events in collaboration with the LiDA Center. The rapid growth of technology in our digital world continually changes how we do things, especially how doctoral students navigate their programs. This series is focused on how Learning in the Digital Age intersects with being a doctoral student, and importantly, how you can make the most of the experience. Each session will share strategies, generate discussion, and form connections with others navigating the doctoral journey. The sessions are organized around three important areas:*

- *Navigating as a STUDENT*



- *Navigating as a RESEARCHER*
- *Navigating as a TEACHER*

*Be on the look out for dates and stay connected with the DSPSA ([website](#))!*

**[CfP]** CALICO (Computer-Assisted Language Instruction Consortium) is accepting the conference proposal for 2022, which will be held in Seattle, WA (05/31-06/04/2022). CfP is open till October 29, 2021. Several students at Warner school are preparing the proposal now. See more information at: <https://calico.org/proposal-guidelines-2022/>

### ***Students looking for volunteer LiDA apprenticeship opportunities:***

If you are a student seeking apprenticeship opportunities related to LiDA (research or otherwise), please write down here: (a) your name, (b) email address, (c) your program, and (d) what you are looking for and why. Project directors will look at this list and contact individuals for which they may be a match.

1. ***Qinqin Xiao*** [qxiao5@u.rochester.edu](mailto:qxiao5@u.rochester.edu) ***Teaching and Curriculum, Data Science, AR/VR trainee; Digital books and AR/VR application***

### ***What more would you want to know?***

***In the final section of this document, please share if there are projects you would like to learn more about (besides those you were able to join the breakout room discussion for).***

From the chat

From Eileen Daly-Boas : I am literally interested in all of them!

16:27:53 From Ali Safivand : I'm interested in literacy

16:28:10 From Yati Kasuky : I am interested in literacy

16:28:27 From Barbara Pamper : I liked the synch on. was interested in OER and literacy

16:28:39 From Erqian Xu : I am interested in literacy and computational training for K-12 teachers

16:28:41 From Bonnie Rubenstein : Literacy and K-12 (Thank you SO much)