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CENTER FOR LEARNING IN THE DIGITAL AGE (LiDA)

LiDA Colloquium Series – September 20, 2022

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

LiDA PROJECTS' Showcase and Connections

Brief Description

As it has been our tradition, our first Fall event has been designed to provide an opportunity for LiDA Community members to share updates on current projects and identify new opportunities for connections and collaboration. Because of its nature, this event will follow a different format than other colloquia in the series. After a brief introduction, we will break into several breakout rooms by “theme”, where participants will share updates on on-going projects related to that theme, followed by an open conversation. Brief descriptions of the projects showcased in this event, as well as other current LiDA projects, are being collected in advance and will be posted on the LiDA Colloquium website after the meeting, along with a recording of the presentations taking place in each breakout room.

LiDA contact information: lidacenter@warner.rochester.edu.

Outline

ASYNCHRONOUS COMPONENT:

- *(if you wish)* Contribute information about your LiDA-related project(s) under the appropriate section of the “Information about Current LiDA projects” section in this Google doc *(following this outline)*, using the established template
- *(before our Zoom session)* Review the “Information about Current LiDA projects” section of this Google doc

ZOOM SESSION:

1. Introduction to the Fall 2022 LiDA Colloquium Series and overview of this session *(Raffaella Borasi)*
2. Projects' updates and connections in breakout rooms by theme *(choose the one you are most interested in)*:
 - A. Innovative uses of digital technologies to support learning *(Facilitator: Yu Jung Han)*
 - B. Preparing digitally-rich teachers and faculty *(Facilitator: Cyndi Carson)*
 - C. Towards hybrid campuses and schools *(Facilitator: Eric Fredericksen)*
 - D. Implications of AI for “future of work” and workforce development *(Facilitator: Raffaella Borasi)*

E. Using digital technologies to create innovative instructional resources (*Facilitator: Dave Miller*)

Structure:

- Sharing by assigned conversation starters (2-3 minutes per project), addressing the following questions:
 - *What is your project about, in a nutshell? (elevator's pitch 1 minute ONLY - participants can refer to the Google doc for more information)*
 - *(maybe) What are key activities taking place in the coming year? (If there are any opportunities for collaboration, identify them)*
 - *What is a key question/challenge you are wrestling with?*
 - Open conversation/discussion - *suggested prompts:*
 - *In what ways could the projects presented inform your current or future work?*
 - *What potential synergies/collaborations do you see among the projects presented and/or your work?*
3. Sharing of key insights and opportunities for collaborations identified in each breakout rooms
4. Closing

Information about current LiDA projects (by theme)

To make the best use of our limited synchronous time in this Zoom session, we invite participants in this session, as well as other LiDA Community members who may not be able to attend this session, to share a brief description and key updates about their LiDA-related projects under the most relevant theme in this document - preferably before our September session.

❖ A. Innovative uses of digital technologies to support learning (*Facilitator: Yu Jung Han*)

Projects listed (indicates a project to be showcased at the event with a 2-3 minute max presentation):*

- ***Extramural English in the Classroom: Intersecting Spaces for Interest-Driven English Learning** (*Yu Jung Han*)
- ***Education Potential of Immersive Virtual Reality in Empathy Training for Medical Students** (*Riham Alieldin*)
- ***Studio X** (*Emily Sherwood*)
- ***Language Learning Opportunities Provided by Out-of-school Online EFL Courses for Chinese K-12 Students** (*Xueyan Duan*)
- ***ML-based learning environment to support scientific inquiry** (*Xiaofei*)
- **Developing Literacies of Power in a 5-Steps to Advocacy Unit**
- **Using fan-fiction in ELA classes**

Project description and links to additional selected information	Opportunities for collaboration/connections
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TITLE: Extramural English in the Classroom: Intersecting Spaces for Interest-Driven English Learning Brief description: This dissertation is a design-based research study exploring an online adult English language teaching (ELT) course I designed and taught. I incorporated multimodal popular culture content to purposefully triangulate the potential of three key elements: 1) target content as learning material, 2) students' interest in the target content, and 3) my own familiarity with the target content, as the teacher. Findings indicate the course functioned as an affinity space for students to bring, use, and enrich their expertise to construct collective knowledge around the target content. Active learning engagement was driven from the "fannishness" students felt during the class interaction. Subsequently, the study offers design principles for effective integration of multimodal popular culture content into formal ELT settings. Key activities planned for 2022-23: (1) Running ELT courses based on the design principles this study generated with various range of students, especially K-12. (2) Publications and presentations on the compatibility of interest-driven learning with contemporary pedagogical approaches Team: Yu Jung Han Contacts: yhan18@u.rochester.edu Links to more information: https://www.proquest.com/docview/2668150816?pq-origsite=gscolar&fromopenview=true	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i> Sherry Duan xduan3@u.rochester.edu
TITLE: Education Potential of Immersive Virtual Reality in Empathy Training for Medical Students Brief description: This dissertation study aimed to leverage Immersive Virtual Reality (IVR) to empower medical students to deliver compassionate, and empathic patient-centered care to their patients. Specifically, a group of medical students at the SMD experienced 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 was used for the purpose of this learning experience. Medical students' learning and perceptions after this experience were investigated to gain a better understanding about IVR as a pedagogical tool for learning empathy. Key activities planned for 2022-23: Starting a VR initiative at the URMC and getting more buy in for the VR technology as a tool for medical training Team: Riham Alieldin Contacts: ralieldi@u.rochester.edu	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i> Xiaofei Zhou xzhou50@ur.rochester.edu elham Tajik: eltajik@yahoo.com Sherry Duan xduan3@u.rochester.edu

Links to more information:	
TITLE: Studio X Brief description: As the hub for extended reality at University of Rochester, Studio X fosters a community of cross-disciplinary collaboration, exploration, and peer-to-peer learning that lowers barriers to entry, inspires experimentation, and drives innovative research and teaching in immersive technologies. Key activities planned for 2022-23: https://studiox.lib.rochester.edu/events/ Team: Emily Sherwood, Meaghan Moody, Aleem Griffiths Contacts: Emily Sherwood - esherwood@library.rochester.edu Links to more information: https://studiox.lib.rochester.edu/ Join our listserv: bit.ly/StudioXList	Opportunities for collaboration offered: We would love to find a time to host an event for LiDA to share the technology, expertise, and resources available in the new space If you are interested in connecting/ learning more about this project, write down your name and email address here: Sherry Duan xduan3@u.rochester.edu Adma Gama-Krummel agmakru@u.rochester.edu
TITLE: Language Learning Opportunities Provided by Out-of-school Online EFL Courses for Chinese K-12 Students Brief description: Using a mixed-methods case study design, this dissertation study seeks to explore what language learning opportunities were provided by a few specific out-of-school online EFL courses for K-12 Chinese students offered by a private non-profit educational institution in China. Specifically, I identified what the intended, implemented, and learned curriculum of these EFL courses, what kinds of online interactions could be observed in these classes, and what design 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. Key activities planned for 2022-23: Team: Sherry (Xueyan) Duan Contacts: xduan3@u.rochester.edu Links to more information:	Opportunities for collaboration offered: Looking for collaborating with researchers and teachers, who are interested in online teaching and learning and ESL/EFL education If you are interested in connecting/ learning more about this project, write down your name and email address here:

TITLE: ML-based Learning Environments to Cultivating Scientific Mindsets in the Machine Learning Era Brief description: This project, funded by an EAGER grant from NSF, will develop innovative multidimensional data visualization environments to support data-driven scientific discovery in K-12 classrooms. The project will build on 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. Key activities planned for 2022-23: Team: *Zhen Bai; *Raffaella Borasi; *Mike Daley; Jiebo Luo, PIs; other collaborators: Contacts: zbai@cs.rochester.edu Links to more information: https://nsf.gov/awardsearch/showAward?AWD_ID=2225227&HistoricalAwards=false <i>Related research papers</i> • https://zhenbai.io/wp-content/uploads/2020/11/SmileyCluster_IDC20.pdf • https://link.springer.com/chapter/10.1007/978-3-030-78292-4_39	Opportunities for collaboration offered: Looking for help in recruiting STEM teachers and teacher educators to participate in co-design workshops If you are interested in connecting/ learning more about this project, write down your name and email address here: Elham Tajik: eltajik@yahoo.com Adma Gama-Krummel: agmakru@u.rochester.edu
TITLE: Developing Literacies of Power in a 5-Steps to Advocacy Unit Brief description: 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. Team: Valerie Marsh (PI), Elizabeth Conroy, *Jayne Lammers Contacts: jlammers@warner.rochester.edu Links to more information: English Journal article (Nov 2021)	Opportunities for collaboration offered: If you are interested in connecting/ learning more about this project, write down your name and email address here:
TITLE: Teachers' Use of Fan-based Literacies for ELA Instruction	Opportunities for collaboration offered:

Brief description: 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. The analysis this year will focus on making sense of the Kindergarten teacher's experiences. Team: *Jayne Lammers & Alicia Magnifico, Pls; other collaborators: *Anlun Wang Contacts: jllammers@warner.rochester.edu Links to more information: Journal of Adolescent & Adult Literacy article (July 2022)	<i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>
TEMPLATE to be copied and filled for additional projects: TITLE: Brief description: Key activities planned for 2022-23: Team: Contacts: Links to more information:	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>

❖ B. Preparing digitally-rich teachers and faculty (Facilitator: Cyndi Carson)

Projects listed (* indicates a project to be showcased at the event with a 2-3 minute max presentation):

- *Noyce MTF program: Digitally-Rich & Be-A-JEDI (Mike Daley)
- *T3 Smart Start grant (Cyndi Carson)
- *RESET Learning Technology grant (Val Marsh & Kevin Meuwissen)
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- *Initiatives to prepare UR faculty (Lisa Brown)
- Warner courses on online teaching
- Warner K-12 Digitally-Rich course

Project description and links to additional selected information	Opportunities for collaboration/connections
TITLE: Noyce MTF preparing “digitally-rich” master teachers	<i>Opportunities for</i>

Brief description: This 5-year project, supported by a grant from NSF, is preparing 21 STEM master teachers to promote and support instructional innovations that leverage digital technology. Key activities planned for 2022-23: Last year of this project, when the 21 fellows will be engaging in a “change project” for their school, and we plan to collect data on their experience in the project Team: *Cindy Callard, *Raffaella Borasi, *Mike Daley, John Kessler; *Dave Miller, Pls; also currently on the project team: *Zenon Borys, *Cyndi Carson; Jen Kruger; *Michael Occhino; Melissa Staloff Contacts: ccallard@warner.rochester.edu Links to more information: UR Noyce project website 3-minute video shared at the NSF STEM for All video conference	collaboration offered: Research apprenticeship opportunities to study specific aspects of this project <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>
TITLE: Be-A-JEDI Noyce MTF program Brief description: This 5-year project was just awarded by NSF to prepare 19 6-12 STEM master teachers to promote and support innovations towards STEM reform and increased equity, while leveraging digital technology. Key activities planned for 2022-23: The 19 fellows will need to be recruited in Fall 2022; the program will start in Spring 2022 Team: *Cindy Callard, *Raffaella Borasi, *Mike Daley, John Kessler, Andrea Cutt, Pls; also on the project team: *Zenon Borys, Jen Kruger; *Dave Miller; *Michael Occhino; Kelly Pearson; Melissa Staloff; Maryanne Contacts: ccallard@warner.rochester.edu Links to more information: Project description - to be added later	Opportunities for collaboration offered: Help recruiting qualified fellows will be welcome, especially in disseminating information about this unique opportunity to eligible teachers in RCSD, Elmira and Jamestown. <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>
TITLE: RESET: NYSED Learning Technology grant focused on digitally-rich teaching in grades 9-12 Brief description: 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.	Opportunities for collaboration offered: Next year we will be recruiting high-school teachers from Elmira, Hornell, Campbell-Savona, Waverly, and Spencer-Van Etten to participate in the year-long PD. <i>If you are interested in</i>

Key activities planned for 2022-23: We will be piloting the year-long professional development for 9-12 teachers, to be fully deployed next year Team: Alicia Bubb; *Raffaella Borasi; *Zenon Borys; *Cindy Callard; Marla Iverson; Valerie Marsh; Kevin Meuwissen; *Dave Miller; Kelly Pearson Contacts: BOCES: Alicia Bubb - ABUBB@elmiracitieschools.com Warner: Raffaella Borasi - rborasi@warner.rochester.edu Links to more information: Link to RESET project website (including project description and examples of digitally-rich learning experiences created by last year participants)	<i>connecting/ learning more about this project, write down your name and email address here:</i>
TITLE: Supporting UR online instructors through websites Brief description: In response to the pandemic, this website was created to provide “just-in-time” support for UR instructors who needed to quickly adapt to emergency remote teaching. The materials included in this website (which is publicly accessible by anyone, even outside UR) continue to be a valuable resource for higher education online instructors using Blackboard as their LMS. Key activities planned for 2022-23: Team: Lisa Brown, Eric Fredericksen Contacts: lisa.brown@rochester.edu eric.fredericksen@rochester.edu Links to more information: website: https://www.rochester.edu/online-learning/disruption/index.html	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>
TITLE: Supporting UR online instructors through a Faculty Workshop Series Brief description: Workshop series to support faculty using technology for instruction. Hour-long workshops via Zoom to provide insight into the use of various tools and technologies that can be used for online and blended teaching methods. Graduate students are invited to attend as well. Key activities planned for 2022-23: See list of workshops at http://rochester.edu/online-learning/ Team: Lisa Brown, Eric Fredericksen	Opportunities for collaboration offered: Participate in any of these free workshops of interest to you, and tell others about this opportunity <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>

Contacts: lisa.brown@rochester.edu eric.fredericksen@rochester.edu Links to more information: Check out other components of http://rochester.edu/online-learning/	
TITLE: Transforming Teaching with Technology (T3) Smart Start Grant Brief description: This project has designed and offered a 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. Key activities planned for 2022-23: Summer/Fall Institutes; Monthly PLC meetings; Cohort meetings, and Showcase event Team: Sally Dean-Moshier; *Raffaella Borasi; *Zenon Borys; *Heather Boyle; *Cyndi Carson; *Keirah Comstock; Tiffany LaPrade; *Dave Miller; Kelly Pearson; Kim Saccardi Contacts: BOCES: Sally Dean-Moshier - SDEANEMOSHIER@gstboces.org Warner: Cyndi Carson - ccarson@warner.rochester.edu Links to more information: Slides T3 project website	Opportunities for collaboration offered: There are still slots available for the “Kickoff Institute” starting in October 2022; This PD program will continue to be offered for the next 3 years to K-8 teachers in participating districts within the Greater Southern Tier BOCES  If you are interested in connecting/ learning more about this project, write down your name and email address here: elham tajik: eltajik@yahoo.com Adma Gama-Krummel agamakru@u.rochester.edu
TITLE: Warner Courses: Online Teaching and Learning (EDE484), Designing Online Courses (EDE486), Practicum in Online Teaching (EDF488) Brief description: Warner for-credit courses offered to provide graduate students and faculty with a background in online teaching. This series provides a foundation for designing and delivering online courses. Key activities planned for 2022-23: Offered Fall, Spring, Summer Team: Lisa Brown, Eric Fredericksen	Opportunities for collaboration offered: If you are interested in connecting/ learning more about this project, write down your name and email address here:

Contacts: lisa.brown@rochester.edu, eric.fredericksen@rochester.edu Links to more information: https://www.rochester.edu/warner/lida/programs/lida-courses-at-warner/	
TEMPLATE to be copied and filled for additional projects: TITLE: Brief description: Key activities planned for 2022-23: Team: Contacts: Links to more information:	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>

❖ C. Towards hybrid campuses and schools (Facilitator: Eric Fredericksen)

Projects listed (* indicates a project to be showcased at the event with a 3-minute max presentation):

- *Hy-Flex courses: UR IT mini-grant (Kristen Love)
- *Online courses for high school students (ACA grant) (Nikki Weaver)
- *CHLOE reports (Eric Fredericksen)

Project description and links to additional selected information	Opportunities for collaboration/connections
TITLE: Hy-flex courses: UT IT mini-grant Brief description: One of the 2022 UR IT mini-grants was awarded to this team to explore more effective ways to deliver high-quality hy-flex courses (where some of the students attend in person and others via Zoom). Key activities planned for 2022-23: Designing, implementing and evaluating different activities in hy-flex teacher preparation hy-flex courses. Team: Kristen Love (PI), *Zenon Borys; *Cyndi Carson and others	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>

Contacts: Kristen Love - klove@warner.rochester.edu Links to more information:	
TITLE: Online courses for high school students (ACA grant) Brief description: This project has been funded by a NYSED grant to the Greater Southern Tier BOCES to support a more robust offering of online courses for high school students across districts in the region, and includes PD on online teaching for novice high school online teachers. Key activities planned for 2022-23: A new set of online HS courses is being offered, and a new set of teachers being prepared to teach these courses Team: Richard Perkins (BOCES); *Raffaella Borasi; *Zenon Borys; *Dave Miller; *Nikki Weaver Contacts: BOCES: Richard Perkins - RPERKINS@gstboces.org Warner: Raffaella Borasi - rborasi@warner.rochester.edu Links to more information:	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>
TITLE: CHLOE Annual Reports Brief description: 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 2022 report noted expectations for online enrollment growth and a bold prediction for a more blended model of higher education in the future. Key activities planned for 2022-23: Team: Contacts: eric.fredericksen@rochester.edu Links to more information: The CHLOE website (see below) highlights the research team, the CHLOE Advisory Panel, and the collection of CHLOE Reports: https://www.qualitymatters.org/qa-resources/resource-center/articles-resources/CHLOE-project	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>

<i>Article shared in the Evollution about the latest CHLOE report:</i> https://evollution.com/programming/program_planning/the-future-of-u-s-higher-education-with-online-learning-two-steps-forward-or-one-step-back/	
TEMPLATE to be copied and filled for additional projects: TITLE: Brief description: Key activities planned for 2022-23: Team: Contacts: Links to more information:	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>

❖ **D. Implications of AI for “future of work” and education (Facilitator: Raffaella Borasi)**

Projects listed (* indicates a project to be showcased at the event with a 2-3 minute max presentation):

- ***UR Future of Work Capacity Building** (Raffaella Borasi +)
- ***TEAMuP: NSF Future of Work grant** (Raffaella Borasi Or Zhiyao Duan)
- ***Cybersecurity Education** (Jay Yang & Justin Pelletier)
- ***CS Smart Start grant** (Zenon Borys)
- ***Alternative Post-secondary Options Study** (Nate Harris)

Project description and links to additional selected information	Opportunities for collaboration/connections
TITLE: UR Future of Work Capacity Building Brief description: Funded by an internal grant, this project aims at empowering a few interdisciplinary teams of UR faculty, staff and students to develop competitive research ideas and proposals related to better preparing students for future jobs in that involve applications of technology, as well as identify implications for how to better prepare UR students. Key activities planned for 2022-23: Continuing the work of the current Working Groups, and possibly starting new ones; at least two Touch Point Events to share lessons learned across Working Groups and share information about funding opportunities	Opportunities for collaboration offered: (1) Inviting volunteers interested in joining existing teams (2) Inviting UR faculty interested in starting a new group (3) Possible research apprenticeship site <i>If you are interested in</i>

Team: 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 Contacts: PI: rborasi@warner.rochester.edu A. Digital Humanities/Impact of Large Language Models (jherington@rochester.edu) B. The Climate Economy (mdaley@warner.rochester.edu) C. Higher Education Services (rborasi@warner.rochester.edu) D. Health Care Delivery (speyre@warner.rochester.edu). E. Artist-technologists (rborasi@warner.rochester.edu) Links to more information: Project description Implications for UR strategic planning from the HE student Services working group	<i>connecting/ learning more about this project, write down your name and email address here:</i> Qinqin Xiao qxiao5@u.rochester.edu
TITLE: NSF-funded “Future of Work at the Human-technology Frontier” projects Brief description: The current 4-year “Towards an Ecosystem of AI-powered music production (TEAMuP)” project was just funded by a grant from the NSF Future of Work at the Human-Technology Frontier program to develop new technology that will facilitate the deployment of AI-powered music production solutions to musicians to make them more self-sufficient, while also developing the conditions for more musicians to be able to take advantage of these new tools. This project builds on a previous Future of Work planning grant, focusing on the emerging occupation of “artist-technologists”. It is a collaboration between UR and Northwestern. Key activities planned for 2022-23: This project will be launched in October 2022, and involve customer discovery interviews and other preliminary activities to better identify needs and challenges, as well as beginning to develop the needed technology. Team: Northwestern: Bryan Pardo (PI); UR: *Raffaella Borasi, Zhiyao Duan, Jonathan Herington; Rachel Roberts (PIs); leadership team also includes: Mark Bocko; *Zenon Borys; Matthew Brown; *Dave Miller; *Joe Testani; *Erqian Xu Contacts: Links to more information: TEAMup project public abstract	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i> elham tajik: eltajik@yahoo.com

<u>AT planning grant public abstract</u> <u>3-minute video shared at the 2022 NSF STEM for All Video Conference</u> <u>AT website (in progress)</u>	
TITLE: Cybersecurity Launchpad: Bootcamp and Apprenticeship to foster Cognitive Diversity in the Cybersecurity Workforce Brief description: In 2020, we launched a pilot career preparation training program using a simulated internship to build skills proficiencies in non-technology workers seeking entry to the cybersecurity workforce. To date, we have 8 cohorts of learners and a fully integrated, blended learning with both hearing and Deaf participants. We have nearly 80% diverse participants, and over 80% career placement for our graduates within one year of completion. Key activities planned for 2022-23: In 2022-23 we will run another 6 bootcamp cohorts. We also have a pilot apprenticeship program underway for graduates of our simulated internship to gain real-world experience for actual companies through our security services lab. Team: Justin Pelletier (PI), Donna Lange (Co-PI), Jay Yang, Bill Stackpole, Rick Mislan Contacts: Justin Pelletier: jxpics@rit.edu Links to more information: <u>https://www.rit.edu/cybersecurity/cybersecurity-bootcamp</u>	Opportunities for collaboration offered: Explore applications of context-driven learning, measure individual and team skills development, directly examine correlations between cognitive diversity on team performance in cybersecurity, explore applications of of andragogy/heutagogy/constru ctivism in cybersecurity workforce development If you are interested in connecting/ learning more about this project, write down your name and email address here:
TITLE: Computer Science NYSED Smart Start PD Brief description: This project destined and it offering a year-long professional development program 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. Key activities planned for 2022-23: Continuing the work of the current Working Groups, and possibly starting new ones; at least two Touch Point Events to share lessons learned across Working Groups and share information about funding opportunities Team: Gordon Baxter; *Raffaella Borasi; *Zenon Borys; *Cyndi Carson; Michaela Marino; *Dave Miller; Seth O'Bryan; Marie Rice	Opportunities for collaboration offered: This PD program will continue to be offered for the next 3 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. If you are interested in connecting/ learning more about this project, write down your name and email address

Contacts: BOCES: Gordon.Baxter@edutech.org Warner: zborys@warner.rochester.edu Links to more information: PD brief description (year 1 dates)	here: elham tajik: eltajik@yahoo.com
TITLE: Moving Towards the Tipping Point: Exploring Shifting Demands for New Higher Education Approaches post COVID-19 Brief description: This project, a collaboration between RIT and UR, involved a set of almost 100 exploratory interviews with high school students and their parents, school counselors, and providers of innovative post-secondary education programs to gain a better understanding of what are possible alternatives to college as well as stakeholders' perceptions of the options they offer. Key activities planned for 2022-23: Completing the analysis of the interview data + planning some dissemination activities Team: Richard DeMartino (PI); Raffaella Borasi, *Nathan Harris; *Dave Miller; Sean Hansen; Raj Muti; Kenan ; Ian Mortimer Contacts: Richard DeMartino - rdemartino@saunders.rit.edu Links to more information: Brief description, objectives & key emerging findings	Opportunities for collaboration offered: We are looking for students and/or faculty who may be interested in participating in the analysis of the interviews from different angles If you are interested in connecting/ learning more about this project, write down your name and email address here: Adma Gama-Krummel agamakru@u.rochester.edu
TEMPLATE to be copied and filled for additional projects: TITLE: Brief description: Key activities planned for 2022-23: Team: Contacts: Links to more information:	Opportunities for collaboration offered: If you are interested in connecting/ learning more about this project, write down your name and email address here:

❖ **E. Using digital technologies to create innovative instructional resources**
(Facilitator: Dave Miller)

Projects listed (* indicates a project to be showcased at the event with a 2-3 minute max presentation):

- *Library OER mini-grants (Kim Hoffman, Eileen Daly-Boas)
- *OER materials for Entrepreneurship course (*Dave Miller)
- *OER materials for Counseling course (Scott McGuinness)
- *Bullying Education through Literacy (Carol)
- *Reading2Babies (Carol)

Project description and links to additional selected information	Opportunities for collaboration/connections
TITLE: UR Library OER mini-grant initiative Brief description: 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. Key activities planned for 2022-23: Team: *Kim Hoffmann; *Eileen Daly-Boas and other UR library staff Contact: edaly@library.rochester.edu Links to more information: Mini-grant Announcement	Opportunities for collaboration offered: New set of OER grants will be awarded - interested UR faculty are Invited to apply <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>
TITLE: OER materials for “Addictions Counseling and Prevention” course Brief description: Awareness and dissemination of addiction content is a necessity in the United States given the amount of substance use and overdose deaths that occur annually. In conjunction with a doctoral student and five MS counseling students, we created addiction-related educational content that is cost free and can be distributed to other CACREP accredited counseling programs and other educational institutions. Key activities planned for 2022-23: Refinement of materials with the help of Eileen Daly-Boas, and uploading the content to the university’s research site, and other open-access locations. Team: Scott McGuinness, Kyle Sullivan, Mckenzie Roberts, Caitlin Davie, Derek Ward-Joyles, Kaylen Furr	Opportunities for collaboration offered: Project is in final stages, but happy to consider future collaborations surrounding the creation of OER involving students <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>

Contacts: Scott McGuinness - smcguinness@warner.rochester.edu Links to more information:	
TITLE: OER materials for “Entrepreneurial Skills for Educators” course Brief description: With the support of one of the UR Libraries OER mini-grant, we are creating publicly accessible online materials for the course <i>EDU446: Entrepreneurial Skills for Educators</i> that students and alumni of the course can continue to contribute to and expand - in the spirit of open education; this will include an eBook based on unpublished case studies of local entrepreneurial educators that were previously developed as part of the Kauffman Campus Entrepreneurship Initiative at UR. Key activities planned for 2022-23: Refining the eBook; creating a companion website; piloting the final materials in 2023 offerings of EDU446 Team: *Dave Miller, *Raffaella Borasi, *Eileen Daly-Boas , * Kim Hoffman, *Yu Jung Han Contacts: Dave Miller - dmiller@warner.rochester.edu Links to more information: EBook	Opportunities for collaboration offered: Former students who took this course may consider having their “Interview Project” be included in these materials If you are interested in connecting/ learning more about this project, write down your name and email address here:
TITLE: Anti-Bullying Education with Literacy Brief description: 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. Key activities planned for 2022-23: In this last year of the project we will finalize, publish and disseminate the website Team: Laura Griffone; *Carol St.George (PI); *Raffaella Borasi (PI); *Yu Jung Han; *Anlun Wang Contacts: cstgeorge@warner.rochester.edu Links to more information: Website (under development)	Opportunities for collaboration offered: Looking for educators, parents, community members interested in piloting the online materials we are creating. If you are interested in connecting/ learning more about this project, write down your name and email address here:
TITLE: Reading2Babies	Opportunities for collaboration offered: Looking for family members/ care-

Brief description: 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. Key activities planned for 2022-23: We are working at completing a “first stage” of a website that could be used by interested parents and care givers to support their reading to babies and young children; we will also continue to collaborate with the Med Center to support their creation of an app for parents and care givers that will include “reading” as one component. Team: Laura Griffone; *Carol St.George (PI); *Raffaella Borasi (PI); *Yu Jung Han; *Anlun Wang; Ky Lynch Contacts: Carol St. George - cstgeorge@warner.rochester.edu Links to more information: website (under development)	givers of babies interested in piloting the online materials we are creating. <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>
TEMPLATE to be copied and filled for additional projects: TITLE: Brief description: Key activities planned for 2022-23: Team: Contacts: Links to more information:	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>

❖ **Other projects** - if your LiDA-related project does not fit in any of the previous groupings, please list it here (at least temporarily)

NOTE: These projects will not be showcased in any of the break-out rooms - but feel free to connect with their contact information if interested

Projects listed:

- SYNC-ON - online coaching
- Exploring the Digital Literacies of Indonesian Youth
- COVID Connects Us
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Project description and links to additional selected information	Opportunities for
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	collaboration/connections
TITLE: SYNC-ON Brief description: SyncOn is a 3-part online professional development model for mathematics coaches in rural contexts. . The model is designed to create high-impact growth opportunities for mathematics coaches in rural districts who normally may lack access to such opportunities. The professional development model includes synchronous and asynchronous online components to support coaches as they work with teachers including an online course, online video coaching clubs, and a one-on-one video-based coaching Key activities planned for 2022-23: The project is launching its third and final cohort of coaches. Team: Jeffrey Choppin & *Cindy Callard, Pls; *Cyndi Carson, Jen Kruger as senior project personnel Contacts: ccarson@warner.rochester.edu Links to more information: For a video of our project, see: https://stemforall2019.videohall.com/presentations/1487	Opportunities for collaboration offered: We are interested in expanding our focus area beyond mathematics education in terms of helping others develop models with similar components. If you are interested in connecting/ learning more about this project, write down your name and email address here: elham Tajik: eltajik@yahoo.com
TITLE: Exploring the Digital Literacies of Indonesian Youth Brief description: Analysis and dissemination continues for the Fulbright-sponsored mixed methods exploratory study of the digital literacy practices of secondary students in Central Java. Key activities planned for 2022-23: Team: *Jayne Lammers & Puji Astuti, Pls; other collaborators: Yadi Zhang, Xueyan Duan, Ismet Hi Karim, Keirah Comstock Contacts: jlammers@warner.rochester.edu Links to more information: First publication available in the UR Library: Calling for a Global Turn in Digital Literacies Education	Opportunities for collaboration offered: If you are interested in connecting/ learning more about this project, write down your name and email address here:
TITLE: Covid Connects Us Brief description: 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	Opportunities for collaboration offered: Looking for volunteer qualitative researchers who would code PLC transcripts for equity discourses and categories of

Student Electronic Exit Ticket (SEET) 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. Key activities planned for 2022-23: Team: *April Luehmann, PI Contacts: aluehmann@warner.rochester.edu Links to more information:	ambitious science teaching practices. We could also use support in collecting and organizing tools and examples of JuST practice. <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>
TEMPLATE to be copied and filled for additional projects: TITLE: Brief description: Key activities planned for 2022-23: Team: Contacts: Links to more information:	Opportunities for collaboration offered: <i>If you are interested in connecting/ learning more about this project, write down your name and email address here:</i>

Ticket out the door:

Please fill in one of the empty rows of this chart with your answers to these two questions - feel free to add your name in parenthesis or not, as you prefer:

What's a new insight you got from today's session?	Suggested topics for our next LiDa Colloquia were inspired by today's session?
The potential for providing additional resources for k-12 schools and the need to share in more pro-active ways with non-traditional audiences	How to acknowledge and support the high demand and levels of stress on teachers who are participating in our professional learning grants

All of us are smarter together, and the empathy of our teams make them special.	Education and money/funding. When is it the time to be free/given away, when can we monetize to keep projects viable.
New discussion point for me: teaching is a stressful and challenging field; currently, some of our work in our teachers' PLC focuses on mediating stressors and fatigue, and addressing the affective challenges of teaching - and the fragility of students. How might these issues be addressed in work related to digitally-rich teaching, when what's immediate/proximal is the affective/emotional work of teaching?	See challenge in the box to the left. :-)
How to implement the standards to embed into current curriculum is one thing we should address	
Juxtaposing emerging evidence that some students (and professionals) want online learning while others are advocating for more balance between online and face-to-face modalities	
	Insights to prepare K-12 for the future Higher-Ed education modalities
Digital society will keep growing in all fields.	The structure of professional learning and the role of technology in increasing participation.
I am experiencing a lot of teacher burnout with the teachers that sign up for professional development. I wonder how we work with districts to help them carve out time for their teachers to work on growing professionally. This seems common with other PLC leaders.	Working collaboratively across disciplines. For example Science and English, working on presenting and speaking about scientific topics. Or Social Studies and Science. How do problems in our environment get solved?
	Focus on Inclusive teaching with differentiated instruction.
Amazing ways our work is interrelated and connected	

Potential to collaborate and create a central point for researchers to share insights and questions!	
Huge fan of the cross-institution collaborations happening here, as well as how these projects seem to have multiple facets. There are so many ways that our work can intersect while still on the way to our individual project goals.	
If the intent of LiDA was to push the envelope of the digital age as it relates broadly to education, the envelope is being pushed.	Assuming that there are other LiDA-like activities around the country, I'm curious to know how these groups will be exchanging their experiences and key learnings.
The biggest and very exciting take-away that I got from today's session was the discussion about how innovative technologies could potentially be applied in different subject matters.	Suggested topics: what is the role of VR stimulation technologies in real classroom teaching and learning at a K-12 level and a higher-ed level what is the cost and benefit of this implementation