Town Hall 1 of 4 Tuesday, Jan 30th Noon-1pm
Facilitators: Kim Scalzo, Lisa Stephens, Chris Price, Rachael Hagerman, Thom Slomka, Steve Sturman, Rose Tirotta-Esposito, Alexandra Pickett

AI & OER Group Notes

Nikolaus Wasmoen - UB

- OER - **digital scholarly editing, publishing - training modules - how to process text for different kinds of output - visualization, modules can be adapted to different kinds of classes**.
- Can this be centrally hosted? SW available to students anywhere… H2 find the infrastructure? (refer to Tony? - Lumen OHM for quantitative course dev., Toros from OLI for content creation, or Pressbooks in SUNY Create for e-book creation)
- Need an additional module for AI and ML to annotate text automatically using natural language processing -
- Pilot with Marianne Moore and her Circle - at UB - Digital Archive **Need to ID OER builders and adapters**
- TEI publisher ("instant publishing toolbox")

Wenhai Lei - Farmingdale

- **Using smart phones to support an innovative and cost-effective Robot Vision System** - which will lower the cost of entry for classes and labs for students pursuing robotics.
- Has a background in AI and commercial applications for computer vision and AI.
- Smartphones capture images or videos, which will then be processed through artificial intelligence. This AI will act as a vision system add-on for the robots in our Robotics Lab. Through this integration, the robots gain enhanced intelligence and responsiveness, guided by the visual data they receive. **I am experienced in smart app development** when I worked in industry. It will be nature to develop an all-in-one app to create good user interfaces and streamline all the processes together.
- **Looking for collaborators at other SUNY campuses**.

Jenny Zhang - SBU

- Student learning - instructional design aspect
- A tool that would help faculty to review their course - OSCQR and QM would be used to train.
- **Create a virtual student to go through courses**
- Get feedback - self check
- **Spoke to SCCC - they will help build the OER/AI piece but could use more help!**

Alizera Dalili - Farmingdale

Aug Reality models - that students can access off campus - looking for AI collaborators. **Need the AI and modeling part as a collaborator**

- AR models that students can access off campus and physical models that students can access on campus - to be a "lab"
- Showcase concepts
- Fluid mechanics, etc.
- AI - if you have AR or VR models, can have information bubbles
- **Need the AI and modeling part as a collaborator.**

Discussion

- Has anyone used SW to create Learning Modules to upload to OER? Camtasia, Articulate, etc. Nik - TEI Publisher Text encoding initiative - Used for Digital Thoreau (Paul Schacht)
- Daniel shared: https://libretexts.org/
- Articulate Rise is easy to use, but expensive. Can be embedded in LMS through SCORM
- Dan - 2 platforms - Lumen Learning - don't have a full-fledged interactive system…(Lumen One?) Libretext, funded by US DoE - trying to create an interactive platform…
- Jenny - SBU - also interesting collaborating with Suffolk CC.
- Anurag Purwar (SBU) Willing to chat with others – past grant experience.
- Timothy – have 25 data points – want to help HR depts to evaluate criminal records – **need to develop a scoring algorithm to augment the Restorative Record idea.**

AI & Teaching and Learning Group 2 Facilitators: Steven Sturman, Jeffrey Riman

Anthony Betrus - SUNY Potsdam, listen and figure out intersection of AI and Teaching and Learning.

Creating a microcredential pathway to demonstrate **to employers student competencies with AI** skills. Be able to map across courses to provide more comprehensive micro-credentials.

Funding for students to access AI platforms that are not free. How might we accomplish this?

Jon Little - Geography and GIS - **develop GIS courses using AI and machine learning**, figuring out how to use AI in introductory science courses and how to effectively use for those classes.

Give student badges to demonstrate skills.

Alsisus David - **AI and student success, equipping students with skills for using AI specifically with software skills** - SAP and business analytics.

Looking for **companies that offer training in their AI tool** and then helps bring that tool into the classroom.

Kara DeSanna - interest in developing **AI literacy courses and tools**. Develop courses for use across the SUNY system.

Create capstone symposium for the program - funding for the symposium, speakers, and location, and for collaboration across campuses.

Anurag Purwar- Machine design and machine learning and robot system design. **Develop project-based curriculum for robotics and AI for students** who don't know where to start.

Looking for funding for grad students and supplies for robotics products for students to put projects together.

OER & Teaching and Learning Group Notes

- **Eric Anderson** - Civil Engineering book based at Penn State (*missed the detail here, is Eric author?*)
- **Jennifer Jeffery and Jenica Rogers /Potsdam** - Looking to create **OER sustainability structure**.
- **Ed Beck/Oneonta** - looking to partner to develop **Philosophy and Communication books** and pair with SUNY Press
- **Laura Lewis** – interested in a **community of practice (CoP) around publishing**, knowledge creation
- **Gloria Viboud and Hana Fukuto/SBU** - **created OER online molecular biology module;** would like to create video supplements and assessments for health professionals.
- **Sarah Wyman and Joshua Korenblat/New Paltz** - creating open book "Sustainability Education and Action for Learning and Community Engagement"
- **Bill Prescott/UB Pharmacy School** - develop patient interviews to pair with virtual simulations; possible collaboration with Binghamton
- **Hope/Empire**-develop workbook for Microsoft Power BI; would like to incorporate AI
- **Cait Light/Binghamton**-develop TA research course

Projects Goals:
- FIT: To build OER into program design in a more **planful manner.**

- Oneonta: a number of OER Projects: Find a way to, across campus, perhaps SUNY, provide a way to **build a uniform project management methodology to drive and develop collaboration on OER** content to create high-quality content or books. They could target the Oneonta projects or other subject matter.

- UB: Media Literacy and Media Advocacy. **Wanting to build a collaboration platform** that would allow editors/creators to collaborate on topics of media literacy and advocacy or similar subject matter like cultural literacy. This could be a community of practice and peer review or a shared journalism model.

- SBU: Online molecular biology training module was used to train remotely but did not include the ability to complete labs. They would like to **build this system out to include labs, and better feedback and assessment tools**. Another project is to develop an assessment module for molecular diagnostic courses using a case-study model.

- New Paltz - The group that I mentioned Laura was Carnegie Mellon OLI- they have their adaptive platform **TORUS. And it might be interesting to hear from them about the AI capabilities they are building into the platform.**
I think I saw a preview of those last summer, and they are planning on releasing them this summer.

- UB: Pharmacy: Hoping to provide a realistic representation of patients to students. They would like to create a library of **"real" patient interviews and to pair those with simulations**. There are other pharmacy schools and UB center for the arts that are interested in collaborating.

- Ho: Would like to **leverage AI in a workgroup/workbook OER** that would focus on **data visualization.**

- UB: To create an OER around **peer mentoring and TA training** that would **include a research component**. This resource could be adopted across campus. The goal would be to allow faculty to focus on content rather than on - TA development. This OER would help the TA develop skills, applied learning, library skills, and tutoring. **Potsdam has campus partners** who are working on this issue and who could be collaborators for this type of project.

Question/Answer
Q: Is it appropriate for us to see collaborators in secondary education public schools (SUNY grad teachers) or do we need to just partner with other SUNY professional and academic faculty and Information technology people?
A: Yes, wherever a good match can be found. The important piece is overall impact and scaling.

Q: I know that "Student Success" and "Teaching and Learning" are broad goals, but from the perspective of OER they seem similar. OER might be better served by sorting into categories like Creation, Adoption, Building around an existing resource.
A: Makes sense. Just worry the groups might be too small. How about OER Creation as a group and another as OER Adoption/Applications as another?

OER & Student Success Group Notes

- **Pam/Kathy** - Using **pop culture modules to deliver concepts**; have a number already on digital commons, want to expand to include more resources (instructions on integrations, test banks, create them more as a 'plug-n-play' freely available in brightspace); focus on psychology & early childhood education.
- **Bob** - mental health services online via pre-service counselors, expand to provide access beyond the campus; serves both students training and those in need of mental health
- **Phil** - expanding news coverage in new deserts across the state (based on backpack done previously); SUNY was asked to leverage the communication of news in 'desert' areas
- **Jodi** - creating a digital space to help those with a criminal record communicate their growth to move beyond their record; wrap around services that help development and encourage continuing success; have a technological platform to allow students to communicate their growth; connect students with employers, etc.
- **Rachel** - using OER on her campus, all resources digital; however, can students do critical thinking in digital realm? project would be to train faculty to teach how to read digitally, develop resources, syllabus statements, etc.
- **Shelley** - creating case studies, current business practices and case studies in management course; help create more 'real life' OER resources to help better prepare students as they transition to the work environment

Potential connections:
Rachel – Shelley, Bob - Jodi

Town Hall 2 of 4 Friday, Feb 2nd 10-11am
Facilitators: Kim Scalzo, Lisa Stephens, Chris Price, Thom Slomka, Phil Ortiz, Rose Tirotta-Esposito, Steve Sturman

AI & OER Group Notes

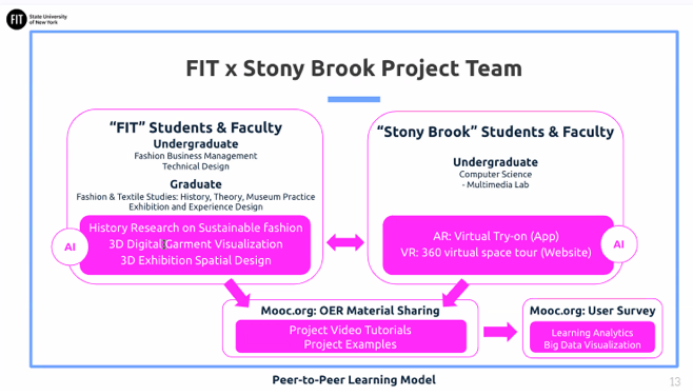
Jeffrey Birt - similar to Bilas. Mech Engineering - working with Lumen – lumen OHM – (online homework manager). Lumen allows to add questions, develop complex problems, scaffold solutions, etc. Code for problems run 50-100 lines. Almost no help whatsoever (need to use MyOpenMath based on PHP). Can integrate with Brightspace. Using ChatGPT to help to generate code with brand new questions. Would like AI to help generate code. Need to create models, images as well - would like to use AI for this as well. Simple image generation is not coming out as expected.

Adam Rich - SUNY Brockport. Physiology and Anatomy. Many students. **Textbooks over $200**. Would like to use **open access materials** that would offer a lower price to students and **share this with other campuses**. AND use AI to help students understand when they have learned something. Students typically don't know when they are ready for a test. They recognize short phrases, but do not know enough to be successful in future courses. **AI would conversate with them to discuss what is important, what they should be retaining, what they should be curious about**. Would like to work with others to develop across multiple campuses.

Lori Scarlatos - SBU - working with a team - put together a workshop for STEM instructors, getting them to be more inclusive. As part of this, **developed a collaborative online game. Next phase: make it available SUNY-wide and create more resources for instructors**. Use AI and add to OER. SUNY - what do you want in the OER and what kinds of AI are you interested in?

Bilas Paul (Asst Prof of Physics at Farmingdale) - develop **homework engine**. Now need to use traditional HW (cheating is an issue; takes a lot of time to grade) or commercial HW (expensive for students). **Develop in Brightspace so students can access freely**; similar to commercial HW engine. **Randomize so different students would get "same" questions, different numbers**. Utilize AI to generate problems. Use OER and AI.

Jennifer Lee (FIT) and Catherine Geib (FIT) and Tony Scarlatos (SBU) - How to incorporate AR and VR in student teaching and learning; share student made videos; peer to peer; SBU's multimedia lab will can create – collab FIT & SBU faculty and students; multiple AI software; AR virtual "try on" lab; will be in VR space. (continued next page)



Tony - works with cultural spaces - interacting with artifacts in AR, etc. 2 honors thesis students are currently working on this. **Deliverables - literature and survey**. Build a **prototype and field test** it. Using GAI tools to model artifacts and create avatars. GNU or CC. Code is on Github. Give tools to people who are organizing exhibits, trying to create a more immersive experience, engage remote participants. ***Suggestion*** - talk to cyber science at Cornell (from Jeffrey Birt - his daughter is in the program and would love this).

Matthew - Cornell - critical justice and employment. Restorative Record - provides alternatives to background checks. OER - working with e-Cornell and would like to work with others to offer prof dev to those that were incorporated. AI potential - increase education to incarcerated. Bringing microcredential opportunities to those that were or are incarcerated. 35 data fields - looking to analyze - working on but not part of current project.

Jie Zhang - SUNY Brockport - Sp Ed and another faculty in Comp Sci - developing software similar to what Adam Rich was describing. **Using speech to generate conversations to support student learning**. If this is good enough to be implemented, would try to collaborate with K-12 schools. Local school districts are interested in partnering with them. Also, **partnering with an international university (France and Ukraine)** and they use OER. Would like to use this in the international collaboration as well. **Initial phase: get more collaborators.**

SUNY has contract with Lumen - currently free for SUNY folks, but is a commercial enterprise

AI and Teaching, Learning & Student Success Group Notes

Melissa McCarron - UB Romance and Literature, health professions initiatives - Studying spanish for the health professions - start with an app that offers translation tools and glossaries for cultural competencies. **Need help with application development**.

Karen Caldwell (Potsdam) – facilitate synthesis dialogues in the north country. **Build free and low cost learning experiences, microcredentials.** AI and **digital literacies and OER** for gen eds.

Bry Bellovary - **Cortland**, kinesthesiology use a specific piece of software that integrates AI to increase interaction with students and the content. **Assess student success to see if the software integration improves outcomes.** https://www.ispringsolutions.com/ispring-suite

Paul Fegenbaum - **Buffalo**, English and writing faculty, **How does AI affect or improve student writing**.

Thomas Jones - Cornell, skills-based hiring outcomes for formerly incarcerated persons returning to the workforce. **Study impacts on recidivism and other factors.**

Jobeda Khanam - **AI tool for student feedback in professional settings**. Analyze types of feedback.

Michele Thornton - Oswego, Business/MBA program **Engage local health care providers in how to use AI within their health care setting**. Understand the innovative use of AI and the **ethical use** of AI for health care. Digital accessibility and ethics "the intersection of AI Ethics and ensuring that the tools are Digitally Accessible … **as a way to promote equity/inclusivity** … and not unintentionally create new barriers."

Racheal Fest - Oneonta, AI tools **community of practice** to bring a range of faculty together to create a resources bank to bring together resources that faculty are generating.

Izabella Lokshina - Oneonta, Business department, **SAP training for AI tools** built into the software.

YiYecho - Farmingdale, **design pal** - applied art and fine art application for design students.

Sasha Tankak & Gina Solano - Education, **AI to remove learning obstacles**, deliver literacy tools, and look at specific tools that integrate AI. Funds to pilot and use the tools.

Shyam Sharma & Jenny Zhang - Stonybrook, **using AI to enhance inclusive teaching in STEM** areas and figure out how to prevent AI from exacerbating the situation *(I think this was referenced to abuse of AI)*

Saeedeh, Farmingdale - **Operations management, supply chain** - AI systems tools help students as an assistant. Provide guidance. **Use grant to explore what is available** and if not start developing the application.

Randy Fernando, UB Architecture and Planning, Design applications for AI, **how to do visualization workflows and expedite design**.

OER Creation Group Notes

Alla Myzelev & Ilene Sova/Geneseo - create **virtual museum tour website companion** resource for art students. Will use Google tools.

Andrew Hashey/Buffalo State - collaborating with Old Westbury Education faculty. Using **Vosaic video analysis**; students will tag and annotate within videos. Would like to use a SUNY OER resource for modular delivery. OLI's Torus was suggested.

Gloria Viboud and Hana Fukuto/SBU - resource for **Bioinformatics instructors for teaching to high school instructors**. Content is currently in Word format. Pressbooks.sunycreate.cloud was recommended.

Kinning Poon/Old Westbury - created **OER bio lab manual** from last round of funding, would like to enhance with additional content in different modules. Possible collaboration with SBU.

Aaron Straus/Alfred State - would like to create **freshman engineering textbook**; looking for contributors.

Shelley Kohan/FIT - Using Lumen **Waymaker for Business Management courses**; seeking collaborators to create case studies & executive interviews.

William Drumright/Monroe - space for **history education** discussion for dual enrollment; **promote K-12 teaching careers to underserved students.**

Jodi Anderson/Cornell ILR CJEI - seeking collaborators to create resource for **justice-impacted** students.

Yu Zhou/Poly - develop robotics resources.

Susan Butler/Brockport - seeking collaborators to create **simulations for nursing students**. Currently using SimCapture.

Mark Mattson/Poly - using Lumen OHM for engineering; looking for collaborators to add content

Alla and Ilenesova -Geneseo
Virtual study abroad tours. **Virtual museum tours**. Google arts and culture is a tool they have identified. From an art instruction and art history point of view the tools allows users to tour art and places and zoom in closely to **study or experience texture, and brush stroke etc**.

Andrew - Buffalo State
Use of a **video analysis and feedback tool called Mosaic**. Allows students and teachers to record their teaching, upload it into Mosaic and then participate in a **peer review** that allows video scrubbing, tagging, and commenting that helps to foster reflection. A **goal is to create an OER guide book** for effective use of these types of tools for synchronous and asynchronous review. Possibly create an OER course platform that focuses on a video-based-peer-review methodology.
Tony recommended using a tool/platform called Toras.

Gloria and Hanna - Stonybrook
Create self-learning modules to learn Bioinformatics for UG students that could be **extended to pre-service teachers and even to high-school faculty**. One **need is a group of testers**. Content is in an open educational format and would like to transform it to a class-based format. Links to video and module content in their proposal.
Tony recommended using pressbooks.sunycreate.cloud to help build out this project.

Kinning - West Ferry
Created an **OER Lab Manual that targets student activities completed in labs**. Would like to enhance learning through the use of **3D printed materials to use in labs to reduce cost and improve learning through hands-on-experience**. Current collaborator (from campus) is working to improve student engagement primarily using library-provided OER materials - does have a need to expand on this approach.

Aaron Straus - Alfred
Engineering students **present with a need for STEM skill development**. At the same time textbooks and associated workbook materials are expensive. **Goal is to create a high-quality OER entry-level textbook that can provide access to STEM skill-building exercises, labs, testing, and assessment** materials at a lower cost. Looking for other Eng or STEM instructors who would like to **combine forces**.

Shelly - FIT Business Management
Has implemented Lumen Technologies into her courses. Would like to **develop real-live interviews with top-tier business principles from the industry and merge them with OER content such as Profit & Loss modeling**. Currently partnering with a Textiles and Math faculty to build models for this "real world experience content model". Shelly is seeking collaborators from across SUNY to build out similar rich real-life content for other specialties with connections to business and management.
Alla felt their goals might be aligned and would like to discuss approaches.

William Drumright
Improve the quality of history courses by creating content that crosses over all **three history foci.** Another goal is to improve enrollment and retention through dual enrollment. A third goal is to create a collaboration space to discuss history instruction. William thought Andrew's project (Buff State) may be a good collaborator.

Jodi Anderson
Custom software to **upload documentation of the educational journey** and public service to help people get past background search services that often limit opportunities at low income. **Every campus has individuals who have this need**. Particularly useful to those who have been incarcerated. Can highlight documented restorative measures and mentoring.

Yu - SUNY Poly-Tech
Build an online lab experience for engineering students. A difficulty will be finding a way to put many of these lab components online. These experiences would allow **students to tinker and build code to conduct experiments and to get feedback from the equipment**. A question is whether these virtual/online labs can provide the same experience on campus students have. Is **interested in exploring how remote and campus-based collaboration could be conducted.**

Susan - Brockport Nursing
Patient simulation for regular nursing practice in nursing clinics does not fully support issues their students are encountering in their clinics. The goal is to **create simulation experiences to cover these gaps - particularly with patient needs related to ethnic populations**. Susan would like to provide more than a video simulation and maybe include professional patient actors in the project. SimCapture is a tool they are currently using. Andrew feels they may be able to assist.

Mark - SUNY Poly-Tech
Working on OER, internal or external, or **custom workbooks to improve student success in engineering.** Looking for collaboration to help build out the content. Mark's focus in Mechanics and to increase participation and retention. Lumen has been helpful but has not met all the needs. A question Mark had was whether Lumen OHM content be transferred between students even if they are from a non-SUNY campus. Does SUNY Lumen OHM license limit the transfer of OER resources? - Tony thinks the general consensus is yes but is looking into a more specific answer.

Open Question: Is there instructional design help for projects?
One option is oer@suny.edu. Another option might be SUNY CPD.

Town Hall 3 of 4
Wednesday, Feb 7th 1-2pm
Facilitators: Kim Scalzo, Lisa Stephens, Chris Price, Thom Slomka, John Kane

AI & OER Group Notes

Wenhai Li - Asst. Prof - Farmingdale - MAE Tech. Robotics Instructor - Big demand to learn more about AI - lack some equipment, **need to bring in image processing, facial recognition**, want to use open source code… chat GPT, what about **using/developing use of smart phone technology to support visualization - image processing - make the robots smarter**. Can decrease cost of AI concept introduction to MAE and Robotics. Would like to connect with others teaching similar classes.

Amie Gamble - Brockport A&P labs - worked with Dr. Rich, in exploratory phase - how to incorporate AI-OER into A&P - clinical, case studies, how to apply concepts - something more than memorizing body structures.

Jie Zhang - Dr. Li's proposal is interesting. **Could do something interdisciplinary for students to create an AI tutorial** - Adam Rich, Amie and Ji - . How to help students enhance learning with the tools. AI tutor? Tool? What about a box that students could "speak" into, and AI can generate further prompt questions… to engage students. Started this idea last semester - Piloting stage. ITIG can help find more collaborators and improve the pilot. Start with HeD, then push to K-12, help student teachers teach the AI concepts…

Yu Zhang with Keith Bessler - Chemistry – How to use OER text from Open Stax - good opportunity for them, **Can we incorporate the AI ideas into lab instruction**… similar to the Anatomy and Physiology concept. Is it possible to personalize the experience for the students in a lab? Similar activities, but with different parameters.

Their "Transferable Skills Modules: Leveraging OER and AI for Enhanced Chemistry Education" project aims to design a series of modules focused on transferrable skills such as critical thinking, problem-solving, and communication, integrated into existing chemistry courses. The modules will cover key areas in chemistry education, including "Chemistry Concepts and Critical Thinking", "Effective Communication in Chemistry", "Chemistry in the Real World", "Lab Safety and Procedures", and "Research Methods in Chemistry". Each module will be designed with interactive elements, such as quizzes, discussion boards, and multimedia content. We will create these modules as Open Educational Resources (OER), allowing them to be freely accessed, **used and adapted by educators and students not just at our institution, but globally.**

Keith - want to design modules - learning modules to incorporate AI to personalize the learning experience of the students. Last town hall - Jenny Zhang from SBU is working on something that also interests me, leveraging AI for course design - the QM rubric could be used. Dan Resch, also a chemist - contacted her afterward to explore collaboration (Dan Resch is a programmer)

Chris posted: are interested in this.
https://www.insidehighered.com/opinion/views/2024/02/07/wisdom-skills-are-hard-teach-ai-games-can-help-opinion The QM rubric might be able to incorporated into an AI network - to assist…. SUNY has the OSCQR Rubric - maybe use that?

How to stick with the original project - building modules - building within OER - use in D2L. Dan can move the idea into programming… What problem are you trying to solve? Two teams can work together…. 1) help students learn through AI – personalized, 2) help faculty design courses leveraging AI? Can we incorporate AI into a D2L page? Pointers to the instructor….

Nik UB - looks at textual studies - **scholarly editing - looking at ML and AI and how it can help curate content/modular OER to conduct digital scholarly editing** - very detailed, specialized editing… traditionally this has been done by hand. How might we "teach" the AI… and have students "try it out" while "teaching" the AI at the same time? Can draw on larger data sets… IT Trust?
Here is the AI syllabus/course design website: http://sentientsyllabus.org/

OCR and recognition labs can work with manuscripts, but now we can do more with text. New annotation tools, harvest metadata… could get connected to PBL, experiential, could also share across multiple campuses. Can adapt and build out modules developed here. Want to get the infrastructure in place, in an adaptive environment. **Hope it will scale up to a larger grant/solution**. Working with a couple partners, waiting to see who can contribute what. Might need testers, or a mini module.

Bob Dobmeir - Brockport - Counseling edu. dept. Want to take a mental health series and adapt to a **telemental health model**. Students are asking for anonymous distance counseling. Needs to be HIPPA compliant. Have talked with the criminal justice folks at Cornell. (Restorative record) - it's the security and HIPPA, confidentiality issues are met… it can be effective, can see facial expressions etc. Not as powerful as being in the same room… but very useful if we can get the platforms refined.

AI & Teaching, Learning, & Student Success Group Notes
Facilitators: Nicola Allain, Jeffrey Riman

Summer Cunningham, SUNY Oneonta - AI community of practice to **develop a bank or resources for AI accessible to campus and perhaps wider community** - to assist instructors - best practices, etc. Open to collaborating with folks who want to aggregate and collate these materials. Need help on technical side for hosting.

Hisham Kholidy, kholidh@sunypoly.edu, Cybersecurity, SUNY POLY - **Next Generation 5G Intelligent Learning System to host services, websites, software tools etc. to share with other campuses**. Would harness features of 5G network. Providing both infrastructure and content for teaching and research. **Teaching - for remote listening and evaluation**, video and VR. **Research - remote access to tools**, etc. Cloud infrastructure to host data.

Babette Faehmel, faehmeb@sunysccc.edu, Schenectady CC. - **Integrate AI into history courses**. Address **equity** issue and introduce **ethical use**. Teach to engage with content in a critical way, from a meta-literate perspective.

Mary Odden and Beth Carpenter, U Buffalo - **community of practice** looking at the implementation of **integrating AI into the English writing curriculum** and whether or not that makes an objective difference in the writing ability of students in their fields. **Will this improve skills?** English faculty, librarians, instructional designers are part of this community of practice **(105 writing courses) with a control group. Pilot project.**

Adam Rich, SUNY Brockport - interested in **using AI to teach and/or assess anatomy & physiology.** Students don't usually have the ability to assess their exam readiness. Hoping to use AI as a study partner or a method for students to assess their readiness to take exams.

Gary Halada, Stony Brook, Gary.halada@stonybrook.edu, **Completed first year** of an IITG for the creation of an **online faculty workshop, gamified, integrating non-Western forms or rhetoric into STEM education**, with a **focus on inclusion and diversity.** Looking at ways to integrate AI and collaborate with other schools as partners to share this resource more broadly. **Collaboration between engineering and other stem fields, philosophy, writing and rhetoric**, etc. Examining how AI treats rhetoric and epistemology. How does CHAT GPT argue a point? What rhetoric does it use, what is the source of that rhetoric, etc. - looking "under the hood" to understand what drives AI generated rhetoric. How does this affect what students learn?

Notes: There were a number of affinities between proposed projects and conversations started about potential collaborations. Questions were specific to proposal next phase - when it's due, how to best prepare, etc.

OER Group Notes

Patti Reuther, Denise Romano, Patrick Leiby/Binghamton - create **searchable registry for nursing turnkey simulations.**

Shelley Kohan/FIT - would like to build OER content (videos, interviews, etc.) as supplements to Lumen and other **business courses**. Possible collaboration with Oneonta.

Krista Quinn/Rockland - English and Speech faculty looking to collaborate to **develop OER to help students improve digital text.**

Ed Beck and Sophia Dunne/Oneonta - 4 projects

1. Seeking collaborators to help **build ancillaries around existing (OER)** Flatworld Communication textbook.
2. Work with SUNY Press to publish **two Communications books** - looking for collaborators
3. **Spanish** textbook - would like to work with OLI to review, revise, and import content based on **Waymaker data into Torus**

Bob Dobmeier/Brockport - seeking a record-keeping solution and HIPAA-compliant platform to deliver **telemental health remote training to graduate students.**

Town Hall 4 of 4
Thursday, Feb 8th 3-4pm
Facilitators: Kim Scalzo, Lisa Stephens, Chris Price, Rachael Hagerman, Thom Slomka, Steve Sturman

AI Group Notes
Lisa, Chris, Nicola, Kim

Calvin Williamson - **FIT- Statistics project with OER textbook**. As AI are evolving, the opportunity to extend reach by adding AI tools such as chatbot and other tools. **Previously had tools to generate solutions with graphics and equations** for textbook problems. Would like to **marry this with a chatbot** to reference the content created using the API aligning information with the context to restrict the AI chatbot to use the language and information provided rather than notation that is too complicated for students. **Wants AI to ingest problems and develop capacity to explain these to students**. One problem - **chatbots are "terrible at math."** They can't answer simple mathematical questions. Would rely on existing API to provide first level responses and rely on chatbot to provide the explanations to students.

Question - would he be interested in collaborating with faculty from other fields and courses?
Response - the goal is to make this general enough to be applicable across courses and disciplines. Looking to create something "lightweight" without platform issues or access problems.

Nikolaus Wasmoen - U Buffalo - **wants to create an OER that is about digital scholarly editing in historiography, and process & code information** about them, to establish them and make them available. Is involved with the Marion Moore digital archive to make poetry available. Has worked using **natural language processing for place names recognition.** Hopes to continue with a series of modules to experiment with augmented machine learning AI tools to tag and train these models and compare them. "Human in the loop" training experience. Looking at different approaches to the same data and models. This could be done with different material and subjects. The goal is to create a hub infrastructure to make this available to others. They could set up their modules and use these remote hosted tools.

Question: is the real goal the development of the AI to do this work or the OER development?
Response: both, **with the use of NLP models to train and do this work (which is the AI part).**

Deepa Desphande - Alfred State College of Technology - **Has an OER textbook - physics - would be interested in exploring an application similar to Calvin's**. For one of her proposals for **microcredentials** - is already connecting with another colleague on microcredentials and **AI literacy**. Rachael already has a course implemented in her institution with the basics of AI literacy, which they will collaborate to develop from there. UAlbany has a faculty member working on this for graduate students. Their microcredential could be a standalone course, either asynchronous or standalone. Currently has a pilot study with possible collaborators to identify best practices on how faculty are using AI in their courses.

Question: Is there SUNY level badging or microcredentialing possible?
Short answer: All degrees or certificates need to come from an individual SUNY institution - **they are not awarded as "SUNY" credentials.**
Question: Has Deepa connected with Jeffrey Riman and Billie Francini on the SUNY FACT2 AI Taskforce - they are also looking at community of practice and best practices.

Steve Sturman U Buffalo - is an instructional designer and wants to find a project to work with faculty on helping students to **develop digital literacies with AI and create and build assignments** that lend themselves well to this. Look at best practices, pros and cons, ethical issues, etc. in order to prepare students to use these tools in their future employment. Is working with the School of Social Work, but is interested in exploring this across any content area.

Dr. Jie Zhang and Dr. Nyu from SUNY Brockport. **Started a collaboration - reached out to UB and Binghamton professors about constructing a new model of teaching in an AI environment to improve teaching and learning in this space.** They found that there wasn't strong interest, so they are looking for collaborators about teaching and pedagogy in the age of AI. They attended the Town Halls and found this was helpful to identify potential collaborators from other institutions interested in the same type of initiative. **Their basic idea is to use AI to help students to improve their learning in a classroom environment & encourage engagement**. They hope this might also connect to OER. Some students have been experimenting with open AI and they are looking at how to harness these tools to improve performance. Brockport is a smaller institution, and they are looking to broaden the possibilities for research and development in this area through collaboration with other SUNYs to share resources and expertise. They have developed some tools and approaches and are working on further developments in robotics and related areas. They have done facial recognition work in this area and one of the students has already built a tool for preliminary development and experimentation. They also have the idea of using AI as a tutor, and are working with devices that have sound and voice recognition. The AI could prompt a student to think differently, expand on their answers, or check their understanding on a given topic. They are meeting with potential collaborators working on similar projects tomorrow.

Comment from Lisa: Lee Farmingdale is working on a robotics project.

OER Group Notes

Jessica Kruger/UB - **Project 1**: interest in **using Articulate 360** to create interactive modules/videos; **Project 2**: create **open access journal for SUNY. Oneonta possible collaborator**.

Talia Lipton/Rockland - scaled training **bridging digital print divide** across disciplines for faculty and students, then include in course that uses Lumen Waymaker (see notes from first town hall). Would provide training to other SUNY campuses.

Ed Beck & Greg Hummel/Oneonta – (see notes in town hall 3)

Achim Koeddermann/Oneonta - interested in **collaborating on assessment design**, learning designers who can assist us with the best tools and approaches for the creation of a text, and faculty with expertise in philosophy of race and **Latine/LatinX philosophy.**

Megan Fegley/Binghamton - seeking to **develop** asynchronous interactive **training for peer mentors in science and engineering**; impacts 600 students and many faculty/staff

Nicole Simon/Nassau - **building math tutorials in OLI's Torus**. Seeking collaborators to expand to other disciplines.

Steve Macaluso/New Paltz - handbook developed for **sustainability faculty fellows program** - looking for collaborators and SUNY-wide adoption

Vince Van Nostrand/Binghamton - seeking collaborators to **develop training modules with simulations for Chemistry** and potential adopters in Science disciplines.

Jessica Kruger - UB
Project 1: Use Articulate 360 to create interactive learning modules.
Project 2: Open Access Journal for Teaching for SUNY.
Ed points out that Diamond Open Access is a premium product. A key factor is that one instance of Diamond can have multiple journals.

Talia LIpton - Rothland CC
Collaboration with three faculty to bridge the digital divide in OER — Digital Reading: Theory and practice: development, implementation and end use.

Ed Beck - Oneonta:
Collaborators: Greg Hummel, Achim Koeddermann,
Project 1: Working with an existing OER text, **Intro to Com book**. Intro to Com is a very standard course across SUNY campuses.

Project 2: Build an original OER book - Would like to **Partner with SUNY Press: Philosophy**. The goal is to update this content with more modern ideas like DEI.

Project 3: Build an original OER book - Would like to Partner with SUNY press: **Com Theory** to pair with a survey course in communications. The goal is to update this content with more modern ideas

Project 4: Working with an existing OER to complete some continuous improvement with Carnegie Mellon Press - **A Spanish book created by SUNY.**

Nicole Simom - Nassau CC
Build tutorials for math into a fully scaled **OER** to help students build math skills.

Steve Macaluso - New Paltz
Collaborator with Sara and Josh from the same campus. **A textbook on sustainability** for use across the curriculum they would like to rebuild this book as an OER. They would like to link this book with additional external open-source content.

Megan Fedley - Binghamton
Would like to **create a MOOC or a Micro-Credential on Mentoring for undergraduate TAs.**

Vince Van Norstrand - Binghamton
Would like to **extend some current virtual/simulated labs into a larger SUNY-Wide virtual lab service**. Looking to find collaborators who would be willing to help build out the available labs and data and for adopters.