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

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. <u>Andrew feels they may be able to assist</u>.

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.