

# DAVID ROSE

Instructional designer & open educational resources (OER) researcher.

## EMPLOYMENT

### Online Learning Trainer & Curriculum Designer

*American University* (Feb 2017-Present)

- Online Learning Trainer & Curriculum Designer (Apr 2018-Present): I brought the Faculty Online Training Course model established in the CTRL to AU's Law School, the Washington College of Law (WCL). Law class are particularly reliant on the socratic method, so trainings include the course platform (Brightspace by Desire2Learn) and Adobe Connect, used for the live synchronous class sessions. The training course allows WCL to offer its faculty year-round training opportunities, thus greatly scaling the online offerings, while still maintaining high standards for online pedagogy and instructional design.
- Faculty Innovation Technologist (Feb 2017-Apr 2018): Working out of the Center for Teaching, Research & Learning (CTRL), I created, managed, and evaluated faculty teaching initiatives that involved innovative pedagogy and emerging technologies. Major initiatives included:
  - [Open American](#). I managed the OER grant program, provided instructional design and technology support to faculty who adopt OER, and established a cross-campus task force to promote open initiatives.
  - [EdSpace](#), AU's WordPress multisite available to faculty and students for open pedagogy projects like student-run course websites and ePortfolios.
  - [Faculty Online Training Course](#). I taught this required course for instructors making the shift from teaching face-to-face courses to online or hybrid courses three times a year. The course included both instructional design principles as well as a strong understanding of the Blackboard LMS.

### Marketing Copywriter

*Startups.co* (Mar 2015-Mar 2017)

- Transformed marketing materials into investment-worthy business plans, pitch decks, and profiles for startups.
- Freelance position allowed me to live abroad for 2 years, visiting 20+ countries in that time.

### OER Course Designer

*Saylor Academy* (Feb 2012-Jun 2017)

- OER Consultant (May 2014-Jun 2017): Advised on OER and aligned to learning outcomes on a per-project basis.
- International Business Development Manager (Dec 2013-May 2014): Formed credit-pathway partnerships with international organizations using free Saylor Academy courses.
- Senior Content Analyst (Dec 2012-Dec 2013): Online instructional design, project manager for NASA MOOC, and OER expert. Researched and recommended tools, technologies, and resources to aid in course creation.
- Personnel & Content Development Coordinator (Feb 2012-Dec 2012): Aided SMEs in online course creation by providing instructional design support and creating training materials. Coordinated build of ~75 new courses.

### Research Assistant

*Lyman Museum* (Jan 2011-May 2011)

- Designed data collections, conducted research, and helped set up new exhibit on Hawaiian history.

## EDUCATION

**M.S.Ed. Learning Design and Technology**, Purdue University (expected graduation: August 2018)

**B.A. Anthropology**, University of Hawaii at Hilo (2011)

## COURSES DESIGNED

### [SSE101: Survey of Space System Engineering](#)

- As the project manager, I led a team of instructional designers, video production specialists, and NASA SMEs to remix public domain content (Aerospace Engineer Lisa Guerra's [Space System Engineering course](#)) with other NASA resources, create video scripts from text-heavy files, and record video lectures with NASA scientists and engineers. The end result was a first-of-its-kind MOOC that had well over 10,000 students enroll.

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- Hosted five live Google Hangouts with students and various guests from NASA including an astronaut and a Nobel prize winning scientist. Links to recordings below.
- Course backend designed in WordPress

## [OER101: How to Find OER For Your Course](#)

- Designed the asynchronous course to enable faculty interested in incorporating OER into their class to locate appropriate resources for their subject area of expertise.
- Course backend designed in WordPress.

## Open Educational Resources (OER) Librarian Bootcamp

- I was one of five OER Librarian Bootcamp Instructors who: developed the curriculum, refined the curricular learning outcomes, designed activities aligned to the learning outcomes, selected Bootcamp participants, taught and facilitated the in-person workshop, and served as mentors following the in-person program.
- The OER Librarian Bootcamp is a professional development program that creates effective open education program leaders who want to be stewards and advocates for open educational resources. Participants will be librarians who are, or are seeking to be, responsible for open education initiatives.

## FELLOWSHIPS & AWARDS

### **OER Research Fellow**

*Open Education Group* (Jun 2017-Present)

- Conduct research on the impact of open educational resources on the cost of education, student success outcomes, patterns of usage of OER, and perceptions of OER. Two publications currently in progress.

### **Certified Online Instructor**

*American University* (Summer 2017)

- Built hybrid course titled *OER101: Integrating OER Into Your Classroom* in Blackboard LMS.

## PRESENTATIONS & PUBLICATIONS

### **Reports**

- Smith, S. O., Bendig, C., Bloemer, E., Harden, J., Jensen, R., **Rose, D.**, Rodriguez, E., Stahl, K., Welch, G. (2011). *Site Report Mainmast Site Mapping & The Search for Slobodna's Stern 2011*. Columbus, OH: PAST Foundation.
- Smith, S. O., Bendig, C., Bloemer, E., Harden, J., Jensen, R., **Rose, D.**, Rodriguez, E., Stahl, K., Welch, G. (2011). *NOAA Collections Assorted Artifact Database 2011*. Columbus, OH: PAST Foundation.

### **Webinars**

- “Navigating OER Repositories” (July 2013). Presented to faculty and SMEs contracted by the Saylor Academy to create our open online courses. Available at <https://www.youtube.com/watch?v=FHLPUJogvZM>.
- “Hangout on Air” series. Moderated live Google Hangout sessions between students in SSE101: Space Systems Engineering and NASA SMEs:
  - *Jeff Volosin*, the course’s primary SME and project manager for NASA's Transiting Exoplanet Survey Satellite (TESS) at Goddard Space Flight Center. (March 2014). Available at <https://www.youtube.com/watch?v=6pOeRjKC4SE>.
  - *Lisa Guerra*, a course SME and Aerospace Engineer at NASA’s Goddard Space Flight Center. (March 2014). Available at <https://www.youtube.com/watch?v=62LeCPDITWw>.
  - *Gregory Johnson* (CASIS, NASA, USAF), NASA astronaut and retired colonel in the United States Air Force. (March 2014). Available at <https://www.youtube.com/watch?v=EUmhZFM0axQ>.
  - *Dr. John Mather*, Nobel Laureate and Senior Project Scientist for the James Webb Space Telescope Project, and *Mike Menzel*, systems engineer for the James Webb Space Telescope Project. (April 2014). Available at <https://www.youtube.com/watch?v=hXRrkmBkplM>.
  - *Lisa Guerra* and *Jeff Volosin*. (April 2014). Available at [https://www.youtube.com/watch?v=mpk\\_7TQmURg](https://www.youtube.com/watch?v=mpk_7TQmURg).

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## Workshop Presentations

- “Noontime Conversation: Financial Challenges Faced by Many of Our AU Students” (February 2018). Panelist for an event that brought over 60 faculty and staff together to learn about financial challenges faced by AU students, particularly first-generation students, as well as potential solutions to these problems, including open educational resources.
- "Open American: Open Educational Resources @ AU" (August 2017). Presented to faculty during CTRL's annual Teaching, Research & Technology Workshops. Available at <https://www.youtube.com/watch?v=E2YVopxktU>.
- "Introduction to WordPress" (August 2017). Presented to faculty during CTRL's annual Teaching, Research & Technology Workshops.
- "Faculty Tell All: Teaching Online @ AU" (August 2017). Presented to faculty during CTRL's annual Teaching, Research & Technology Workshops. Available at <https://www.youtube.com/watch?v=sgVRJJ8FeAk>.
- “Online Learning Workshop for Students” (May 2017). Instructed American University students on what it takes to be a good online learner. I covered best practices, how the experience will differ from in-person classes, and had them do hands-on activities in Blackboard to start building confidence in the online format. I built a corresponding website as well: <https://edspace.american.edu/studentonline/>

## SERVICE

- Volunteer house-builder with forPEACE's 2010 Cambodia Expedition. Our group was brought out to build houses for families who had worked their way through a program of financial sustainability.
- Committee on Information Services, non-voting member (2017 - 2018).

## TEACHING

- [Online Teaching Certification Course](#). Served as mentor in Summer 17. Taught two sessions in Spring 2018.
- OER Librarian Bootcamp. (Spring 2019). Facilitated online discussions within cohorts on Canvas LMS leading up to the Bootcamp's in-person program at ACRL 2019 in Cleveland, OH. Following the in-person program, I hosted monthly cohort synchronous video discussions with participants and their mentors. During these discussions, participants will share progress reports, reflections, and support as they execute local action plans during the six months following Bootcamp.

## TECHNOLOGY

- WordPress, Pressbooks, MS Office, Google Docs, basic HTML & CSS, Blackboard, and Moodle.