

Tim Dennis

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Experience

- 2017–present **Director, Data Science Center, UCLA Library, Los Angeles, CA.**
Lead a unit that supports researchers throughout the full data life cycle of activities: planning research projects and data management plans; data acquisition, storage, cleaning, and usage; analysis; publication; curation; and preservation.
- 2015–2017 **Data Services & Collections Librarian, UC San Diego Library, La Jolla, CA.**
Provided consultation and training on data discovery and re-use, research data management, and statistical programming to students, faculty and staff. Identified and acquired new data resources. Collaborated with non-Library campus data service providers. Provided technology training and mentoring to library staff.
- 2006–2015 **Research Technology & Services Specialist, UC Berkeley Library Data Lab, Berkeley, CA.**
Provided numeric data/quantitative reasoning consultation to students and faculty. Co-designed, opened & managed the Library Data Lab in 2008. Established the Library's LibTech training program providing internal training on a diverse array of technologies including, Google Analytics, web widgets, Python, and Drupal.

Education

- MS, Information Management & Systems, School of Information, University of California - Berkeley, Berkeley, CA.**
- BS, Sociology, Millsaps College, Jackson, MS.**

Technical Experience

Experienced With

languages Python, R, HTML, CSS, JSON, PHP, technologies MySQL, SQLite, L^AT_EX, Bash Scripting, SQL, Git, Jupyter, R Studio, Stata, SAS, SPSS

Publications

- 2021 **Dennis, Tim, et al.**, "*From a Data Archive to Data Science: Supporting Current Research*", Ed. Joel Herndon, Data Science in the library: Tools and strategies for supporting data-driven research and instruction. Facet Publishing
- 2021 **Dennis, Tim et al.**, "*I See, UC, We All See Carpentries: Collaboratively Scaling Workshop Instruction Across a University System*", The Carpentries Blog, <https://carpentries.org/blog/2021/01/uc-carpentries-workshop/>.
- 2020 **Dennis, Tim et al.**, "*Library Carpentry: Tidy Data for Librarians*", Zenodo, DOI: <https://doi.org/10.5281/zenodo.3954067>.
- 2019 **Dennis, Tim, et. al.**, "*Top 10 FAIR Data and Software Things*", Zenodo, doi: <https://doi.org/10.5281/zenodo.2555498>.

- 2016 **Dennis, Tim**, *“Using R and ggvis to Create Interactive Graphics for Exploratory Data Analysis”*, Ed. Lauren Magnuson, *Data Visualization: A Guide to Visual Storytelling for Libraries*.
Lanham, MD: Rowman & Littlefield

Conference Presentations

- Mar. 28, 2022 **“Radical Partnerships: Expanding Academic Collaboration in Data and Computational Sciences”**, *T Dennis, S Labou, H Dekker, & J Herndon*, CNI Spring 2022 Membership Meeting, San Diego, CA.
- Dec. 13, 2019 **“The Carpentries: Building Local and Global Communities of Practice to Improve Data Skills (Invited Speaker)”**, *T Dennis*, AGU Fall Meeting 2019, San Francisco, CA.
- May 30, 2019 **“From a Data Archive to Data Science: Supporting Current Research”**, *T Dennis*, IASSIST 2019, Sydney, Australia.
- June 8, 2018 **“Library Carpentry. Software and Data Skills for Library Professionals”**, *T Dennis*, European Library Automation Group 2018, Prague, Czech Republic.
- Oct. 5, 2017 **“Positioning Libraries To Support Data Science (Invited Keynote)”**, *T Dennis*, Library and Information Association of South Africa Conference 2017, Johannesburg, South Africa.

Selected Instruction

- 2015-2022 **Instructor**, *Taught over 50 Library, Data, or Software Carpentry boot-camp workshops*, Foundational coding and data science skills training..
- 2017-2022 **Instructor**, *Taught over 10 instructor training workshops as a Carpentries Trainer*, Evidenced-based teaching best practices..
- 2019-2021 **Teaching Faculty**, *Berkeley Initiative for Transparency in the Social Sciences*, Research Transparency and Reproducibility Training, Provide participants with an overview of tools and practices for transparent and reproducible social science research..

Professional Service - National/International

- 2021–present Chair, Curriculum Advisory Committee, Library Carpentry
- 2017–present Carpentries Instructor Trainer
- 2016–present Carpentries Instructor
- 2017–present Berkeley Initiative for Transparency in Social Science (BITSS) Catalyst
- 2016–present Open Science Framework Ambassador

Memberships

- 2010–present International Association for Social Science Information Services and Technology (IASSIST)
- 2015–present The Carpentries
- 2017–present Research Data Alliance
- 2015–present Inter-University Consortium for Political and Social Research