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## California Libraries Carpentries Meetup

**Goal:** To bring together California Librarians and Library staff who are involved in the Carpentries (<https://carpentries.org/>), those who have attended a Carpentries workshop, and those who want to learn more/become involved in the Carpentries.

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### **May 27th, 3-4:30pm (PDT)**

Zoom: <https://ucsb.zoom.us/j/81783815725?pwd=cHltb25VNE5ENmphyYnJwYkZxaEpXZz09>

Meeting ID: 817 8381 5725

Passcode: 412701

Call-in #: +1 669 900 6833 US (San Jose)

Host: Torin White

Notetaker/Helper: Ariel Deardorff

### **Attendees: (name, pronouns, institution)**

- Ariel Deardorff, she/her, University of California, San Francisco
- Ryan Gan, he/him, El Camino College / University of Illinois at Urbana-Champaign
- Kristi Liu, she/her, UCSB Library
- Reid Otsuji, he/him, UCSD Library
- Tim Dennis, he/him, UCLA Library
- Wasila Dahdul, she/her, UCI Libraries
- Torin White, they/them, UCSB Library
- Sam Teplitzky, she/her, UC Berkeley
- Scott Peterson, he/him, UC Berkeley
- Jon Jablonski, UCSantaBarbara
- Jeanine Finn, she/her, Claremont Colleges Library
- Greg Janée, UCSB (joined super late)

### **Agenda:**

## **1. Introductions, Updates and Announcements ~10 min** (this is your chance to report out on a cool workshop you taught or plug an upcoming one!)

Bragging about your workshops:

UCSB

- Intro to R for geospatial
- Geospatial R: Raster and Vector Data

UC Merced

- Library Carpentry over 3 Friday mornings

Not strictly carpentries, but I'll be teaching a FSCI course this summer with some computation components: <https://www.force11.org/fsci/2021/course-list-abstracts#T20>

## **2. Tim Dennis & Reid Otsuji: Updates on the Library Carpentry R Curriculum ~15 min**

- Lesson: <https://librarycarpentry.org/lc-r/> (currently in alpha state) - very teachable though
- Feedback/reflection from recent instruction <https://ucla-data-archive.github.io/2021-05-14-ucla/>
  - Some timing issues - intro a little bit slow, want to get to the good stuff quicker
  - attendees were not just library/information folks - from other departments as well (dentistry)
  - No installation issues - had a backup plan for R studio cloud if they needed it
  - dataset is cataloging data - good dataset that is accessible to everyone (even non-library folks)
  - taught with R markdown on the second day - caused some issues with accessing the data
    - once that was figured out people liked it (easier to see visualizations)
    - Has worked in the past but can be a little confusing when folks are brand new
      - but the payoff is worth it for teaching ggplot
- Will be taught next month
- Future plans - rework the lesson to get to working with data earlier & use more tidyverse forward approach
  - want to skip over some of the current subsetting stuff
  - Do we want to drop all the base R??
    - drop some base subsetting for tidyverse
    - drop factors
    - jump right into data viz and tidyverse (so instructors don't have to remember base R :P)
  - will re-organize the lessons
  - want to move the lesson to stable and then publish
  - interested in doing a summer sprint
  - to get to beta - need more feedback and people teaching it

## **3. Tim Dennis: What's next? Getting further involved with Carpentries - Lesson Maintenance ~ 20 min**

- These slides: <https://hackmd.io/@timdennis/cali-carps>
- View mode: <https://hackmd.io/xA426D4XQuasjNRqKq7X2A?view>
- Today:
  - Contributing to existing lessons
    - Carpentries is a moving 3-headed monster - lots to track and things are changing all

the time!

- find a lesson you are interested in from the carpentries program or incubator
- 30-some lessons between the 3 carpentries
- when you see something you want to improve - create an issue on the github page
- look at existing issues on a lesson and chime in with your thoughts/ideas
- to fix an issue - fork the repo, make the change, make a pull request, chat with maintainers, changes merged - lesson improved
  - all edits can be done in github now- even to the rmd files
- Can check out the help wanted page to see what lessons need help (marked by maintainers)
- there is a step by step guide for issuing pull requests for changes
- as you contribute you get to know maintainers more - if you really like a lesson volunteer to be maintainers
- also more formal process - maintainer onboarding process - currently paused
- have maintainer co-working sessions on the carpentries calendar
- once you contribute to a lesson you are listed as a co-author when it is published
- Lesson Development
  - pre-alpha, alpha, beta, stable
  - alpha (teach, get feedback, announce)
  - beta (community review, other people start contributing, Bug BBQ) then goes to official release
  - try to publish lessons at the same time - in Zenodo
  - recommend a backward design method for lesson development - go from personas, learning objectives, formative assessments, content
  - carpentries curriculum development handbook is key
  - lesson development study group (created by Toby Hodges): <https://carpentries-incubator.github.io/study-groups/>
- Carpentries Incubator
  - wanted a way to cover material not covered in the core curriculum
  - a place to develop lessons and share them with the community at early stages
  - can be taught as a stand-alone or to augment a workshop
  - makes your lessons more discoverable and you can get folks to contribute to your lesson
  - if you have the bones of something and want more folks to work on it
  - if you create something locally that is really cool why not share it with the wider community
  - to submit a lesson - submit an issue to the repo
  - lessons are in various levels of development
- Maintainers
  - what about a maintainer-trainee group?
  - \* a good lesson on maintainer onboarding: <https://carpentries.github.io/maintainer-onboarding/>
  - <https://carpentries.org/maintainers/> \*no emails, but you can tweet/DM?

- github: now can make changes to RMD files directly - can learn more about this kind of stuff at the maintainers monthly meeting

- carpentries calendar: <https://carpentries.org/community/#community-events>

#### 4. Group Discussion: Why should libraries be involved in Carpentry? ~20 min

- At RDAP in March, several of us from UCSB hosted a workshop to explore the possibilities of better combining RDM topics in Carpentry curriculum. However, several conversations side conversations about obstacles bubbled up. Specifically,
  - 1) Comments that it isn't libraries jobs to teach RDM/carpentry/data literacy topics.
  - 2) Comments from people expressing the difficulties of getting library/administration/supervisors behind Carpentries/data literacy programming.
- I figure since we have many people in this group who have been able to successfully start Carpentry programs on their campuses/in their libraries we have some valuable insight that could be shared. So,
  - 1) *Why* should libraries be teaching data literacy/RDM concepts (specifically through the Carpentries)
  - 2) How did/do you make a convincing argument to your supervisor/administration etc. for doing Carpentry programming?
- - UCSB - team effort with IT, hosted Carpentries workshops with another researcher on campus, workshops were super popular, the new UL was excited about re-using existing curriculum materials.
  - Incorporated it into new hires (teaching)
  - - if you don't have bandwidth to create new workshops - the Carpentries has curriculum already
  - - Success - people come so that's good arguments to put them on
  - - Appreciation - alumni want to come help out too after having gone through Carpentry workshops
  - - UCSB library has long taught a 1-unit course (info lit) - that course changed over time, how can you be a scholar, being data literate as now a key component - data literacy is a fundamental skill no matter what your discipline
  - - fundamental tech skills
- - Berkeley:
  - staff development component really popular - a way to bring data literacy to staff jobs
  - At Berkeley, not really housed in the libraries - housed in other institutes/centers (BIDS, DLab)
  - Library has never really paid for it - AUL's haven't wanted to pay for membership
  - - question about long-term membership (what is the value over time)
  - - LC workshops are quite popular with Berkeley library staff
- - UCSF - huge need for post-docs and graduate students
  - - member for 3 years, partnered with Computational Institute
  - - computational institute paid, library organized, brought in outside instructors
  - - eventually trained people up, but people would leave right away.
  - - better results from training up library employees
  - - 2-day workshops were just too much to organize so doing 2-3 hour sessions instead
  - - stopped paying for the membership
- Tim UCSD/ Global Policy School
  - - having carpentries experience was a big draw in coming to UCLA
  - - Global Policy School - paid so much a year for membership in exchange for workshops
  - - stakeholder model - partnered with other institutes/groups
- UCLA (Time) - really wanted carpentries to come to UCLA

- - brought UCLA
- - got funds from a library donor to fund 3 years
- - brought in people from IT
- Letter for library directors:  
[https://github.com/LibraryCarpentry/governance/raw/master/proposals/LibraryCarpentry\\_ForDirectors.pdf](https://github.com/LibraryCarpentry/governance/raw/master/proposals/LibraryCarpentry_ForDirectors.pdf)

## 5. Topics and Host for next Quarter ~15 min

Will send out a message to topic box/ slack

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**Feb 25th, 3-/4:30pm (PDT)**

**Zoom:** <https://zoom.us/j/6662368490?pwd=Y0RqRi96QjdldDlPUk5DVENucXZidz09>

- Meeting ID: 666 236 8490
- Passcode: gEe44R

**Host:** Sarah Lin

**Notetaker/Helper:** Sam Teplitzky, Erin Foster, Ariel Deardorff

### Attendees:

- Ariel Deardorff, UCSF, ariel.deardorff@ucsf.edu, she/her
- Sarah Lin, RStudio, sarah@rstudio.com, she/her/hers
- Torin White, UCSB
- Kristi Liu, ksliu@ucsb.edu, UCSB (sorry I was watering my plants)
- Scott Peterson, UC Berkeley, speterso@berkeley.edu, he/him
- Zac Painter, Stanford, zwp@stanford.edu
- Greg Janée, UCSB
- Derek Devnich, UC Merced, ddevnich@ucmerced.edu
- Sam Teplitzky, steplitz@berkeley.edu
- Tatiana Bryant, tatiana.bryant@uci.edu
- Ian Lessing, UC Santa Barbara Library ilessing@library.ucsb.edu
- Tim Dennis, UCLA, tdennis@library.ucla.edu

Listserv for this group Topicbox link: <https://carpentries.topicbox.com/groups/local-californialibraries>

### Agenda:

1. Torin White & Renata Curty /UCSB: they held an R Markdown workshop in December 2020 and will report on how that went

- - the workshop website: <https://ucsbcarpentry.github.io/R-markdown/>
  - - pre-requisite: learners familiar with basic R/R Studio
  - - two day workshop, 3 hours each day (total 6)
- - covered R pubs, didn't have enough time to cover Bookdown
- - had 24 learners, from multiple departments, undergrads/grads/faculty/staff, good retention to day two (18)

- - feedback: folks appreciated the pacing, a student using the content two days later, folks excited about using latex, appreciated tutorial on adding markdown formatting
- - didn't cover: adding themes, how to export to a word doc or pdf, publishing to github pages
- - whole team got very involved in the development and teaching
- - tried to cover reproducibility concepts alongside the code - well received
- - Inspired by author carpentry: <https://authorcarpentry.github.io/executable-documents-rstudio/>
- - Wanted to create a reproducibility workshop related to R and RMarkdown
- - lots of work to develop from scratch but good outcome
- - Most existing workshops used a fake paper as an example, wanted to use a real paper on reproducibility as the basis for the lessons
- - Started in Google docs to edit/brainstorm and then moved to R markdown for the website
- - Next time might start using github from the beginning - issue tracking was useful
- - pain points - first time developing a carpentries style lesson from scratch
  - - different R markdown on Github and R Studio - fun!
- - found some errors in the example paper - used that as a lesson point in the workshop (teachable moment!)
- - cited the paper in the repo
- - next time might select a paper related to a public dataset
- - next steps: teach again in the spring, update with new version of R studio (new knit features)
- - considering submitting to carpentries incubator: <https://carpentries.org/community-lessons/>
- - folks are encouraged to look through and submit issues/questions/pull requests
- - Tim will reach out to the Carpentries about the best home for this and report back

## 2. Sarah Lin: California Library Association OpenRefine pre-conference proposal accepted

- - Sarah teaching an OpenRefine workshop for virtual CLA conference in May 11, 10am-1:30pm
- - Sam T will be a helper for the workshop
- - looking for more helpers/co-instructors - let Sarah know
- - mostly public librarian community that attends

## 3. Communication

- CA Libraries listserv: <https://carpentries.topicbox.com/groups/local-californialibraries>
- CA libraries slack channel: #californialibraries
- post to more general library channels when there are upcoming meetups
  - - #libraries in slack
- post to other listservs
  - - CLA or CARL listservs
  - - Baynet - Sarah is in the loop
- LIS schools - San Jose state
- CSU Carpentries members:
  - California Institute of Technology
  - California State University Humboldt
  - California State University San Marcos

## 4. Host/topics for next meeting - April/May/June

Host: Torin White

- Ideas for topics: Sarah and Tim talk about alpha LC R Lesson: <https://librarycarpentry.org/lc-r/>
- What is involved in being a lesson maintainer?
- volunteer Tim to talk more about lesson maintenance and development with Carpentries
- invite someone from the Carpentries to talk about being a maintainer
- where should the effort be for Carpentries? New incubator lessons, fixing the canonical, maintenance

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**October 13th, 3-4:30pm (PDT)**

**Zoom:** [https://ucsf.zoom.us/j/92307348733?](https://ucsf.zoom.us/j/92307348733?pwd=QWpjeUoxT2NqZjJiUXBDaG9RSEErZz09&from=msft)

[pwd=QWpjeUoxT2NqZjJiUXBDaG9RSEErZz09&from=msft](https://ucsf.zoom.us/j/92307348733?pwd=QWpjeUoxT2NqZjJiUXBDaG9RSEErZz09&from=msft)

**password:** 474693

**Host:** Ariel Deardorff + Sam Teplitzky

**Notetakers/Helpers:** Torin White,

**Attendees: (name, pronouns, institution, email)**

- Ariel Deardorff, she/her, UC San Francisco, ariel.deardorff@ucsf.edu
- Sarah Lin, she/her/hers, RStudio, sarah.lin@rstudio.com
- Derek Devnich, he/him/his, UC Merced, ddevnich@ucmerced.edu
- Sam Teplitzky, she/her, UC Berkeley, steplitz@berkeley.edu
- Tim DEnnis, he/him, UCLA, timdennis@ucla.edu
- Anna Sackmann, she/her, UCB, asackmann@berkeley.edu
- Scott Peterson, he/him, UCB, speterso@berkeley.edu
- Zac Painter, Stanford, zwp@stanford.edu
- Torin White, they/them, UCSB, whitet@ucsb.edu
- Kristi Liu, she/her, UCSB kslu@ucsb.edu
- Erin Foster, she/her, UC Berkeley, edfoster@berkeley.edu
- Lisa Ngo, she/her, UC Berkeley, lngo@berkeley.edu
- David Palmquist he/him Cal State, Fullerton dpalmquist@fullerton.edu

**Agenda:**

(Group Introductions) + something you are proud of

**1. Presentation + demo/mini-lesson from Sam Teplitzky on Carpentries-inspired online tutorials in a Jupyterbook** <http://ucbilib.link/volt>

GitHub page: <https://github.com/EPS-Libraries-Berkeley/volt>

APIs: (<https://eps-libraries-berkeley.github.io/volt/Search/apis.html>).

- Volt - pandemic project, will take a look at the APIs chapter
- Jupyter notebooks - allow you to have code in cells and a narrative so you can execute code along the way
- Jupyterbooks take that and along with github publishes a book. Sphinx under the hood for publishing
- Noticed several course use Jupyter books for textbooks and it's also used for lab manuals on campus
- had to learn to use github with this project and see how working together with github and pull requests, adds, commits.
- worked with markdown or jupyter notebooks on local machine and then pushed to github which triggers the book to be published in html

- What is the use case? Sent out by email, but not getting a lot of site visits. Will be used with classes
- What does the workflow with Jupyterbook look like? built them locally, rendered them locally to check, then pull request to add to the github repository. Breaking the book was a worry, but it happened for everyone at some point, some fixes were a comma others more difficult. Github Actions were used to render the book and check for errors.
- API section was developed by data science undergraduate students
- a quick line of code put in link to interact with jupyterbook with binder or Colab

API tutorial: search backend of ArXiv

- starts rendered, to clear use Kernal > Restart and clear output
- shift + enter runs cell, or button to run cell
- steps students through a subject query, displays results, visualizes
- Sam will consider submitting to: <https://carpentries.org/community-lessons/>

### Discussion Questions:

- How do you use APIs in your work? Do you teach about them?
  - -In order to "bullet-proof" people to use APIs they really need to learn background on web connectivity
- What other resources have you used to learn APIs?
  - -Introductions to APIs and JSON: <https://github.com/eightBitter/intro-apis-json>
  - - Webscraping and Data Management in R: <https://github.com/rochelleterman/ESS-webscraping>
  - - Reading Data from an API with JSON: <https://courses.ucsf.edu/course/view.php?id=5247>
  - - Accessing Databases via an API: [https://github.com/rochelleterman/scrape-interwebz/blob/master/1\\_APIs/3\\_api\\_workbook.ipynb](https://github.com/rochelleterman/scrape-interwebz/blob/master/1_APIs/3_api_workbook.ipynb)
- Where do APIs fit into Library Carpentry?
  - - There is a bit in the OpenRefine tutorial: <https://librarycarpentry.org/lc-open-refine/>
  - - might be in R for other lessons
  - - APIs vs web-scraping
  - -It would be great to have lessons for both Python & R

## 2. Carpentries sharing (this is your chance to report out on a cool workshop you taught or plug an upcoming one!)

- Tim Dennis, Scott Peterson, Reid Otsuji: <https://ucla-data-archive.github.io/2020-09-28-ucb-ucla-ucsd/>
  - - 3 weeks, bash, git, sql, R, Python
  - - partnership of 3 libraries
  - - capped each workshop at 50, created concurrent sessions for larger groups
  - - lots of scheduling fun times
- Sarah Lin: intro to data science for 200 law librarians, Australian Law Library Assoc in 2 weeks; CLA proposal
  - - proposal due by Oct 22
  - - CLA conference is in May/June of 2021
  - - if you're interested in working on the proposal or teaching a Library Carpentry at CLA please let Sarah know



- - presented to 200 law librarians on intro to data science!
- Anna and Lisa: Introduction to Data Analysis for Engineers (workshop series)
- UCSB, finished: Summer workshop series (Bash, Git, Python, R), upcoming: Open Refine and Rmarkdown workshop
  - - designing an Rmarkdown workshop (drawing from author carp/swc carp lessons)
  - - publish this please! <https://carpentries.org/community-lessons/> <- Incubator for new lessons
- UCM: Finished Python workshop series, upcoming R workshop series
  - - revised/mined python workshop on Derek's github
  - - chopped down the git lesson to just under 2 hours too

<https://carpentries.org/community-lessons/> <- Incubator for new lessons

### 3. Community group roles

Should we have rotating volunteers for each meetup to be recruited at the end of the previous meeting?

- - Host: coordinate content and schedule for the next meeting, advertise in the slack channel (send out calendar invites), facilitate the meeting (welcome, moderate)
    - Note: being the host does not mean you have to present!
  - - Notetaker/helper: take notes during the meeting and facilitate the zoom
- perhaps we need an email list? topicbox <https://carpentries.topicbox.com/latest>
- - Ariel will investigate

### Volunteers for next session

- Host volunteer: Sarah
- Notetaker/helper volunteer: Sam, Erin
- Content Ideas:
  - - Torin/Greg/Renata talks about RMarkdown workshop?

### Ideas for upcoming sessions:

- Directed goals and actions meetups
- Discussion around minimizing installation problems for workshops and cloud based and VM ways of teaching the workshops online.
- Hear more about how folks are leading workshops, and what they're using as examples/challenges for make their workshops better tailored towards librarians trying to figure out how to use this stuff in their day-to-day work. I'd also love to hear about librarians who are matching the great carpentries pedagogy with other library-related and perhaps activist-y trainings and learnings, such as the Library Freedom Project/Institute
- I'd be interested in talking about developing new content.
- A mini workshop / lesson with hands on time. Allowing us to practice online teaching. I find that the nature of zoom is unfortunately not great for casual 'meetup' conversation, therefore more structured presentations might be useful. Though I wouldn't expect full conference type presentations.

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## Thursday July 9th, 3-4:30pm (PST)

**Zoom:** <https://ucsf.zoom.us/j/96227662897?pwd=T3BxSnNoYldiVFdhVXhIazVaOFR1QT09>  
(password: 562499)

**Goal:** To bring together California Librarians who are involved in the Carpentries (<https://carpentries.org/>), those who have attended a Carpentries workshop, and those who want to learn more/become involved in the Carpentries

## Agenda

- **Welcome + Goal's for Meetup** (5 min) - Ariel

- Ariel's overview slides:

<https://docs.google.com/presentation/d/1a2ReYeLTTe8LqQhj4BNShhySLhgosHdVTrQBYWAzx1w/edit?usp=sharing>

- **Group Intros** (10 min) - (over 15 ppl - Etherpad and Breakout rooms)

- - Who are you?
- - What has been your involvement with the Carpentries?
- - What are you hoping to get out of today?

Add your name and details here: EMAIL!

Ariel Deardorff (UCSF) Data Services Librarian - Carpentries trainer and instructor and on the Library Carpentry advisory committee - interested in collaborating with other folks

- using CrossRef & Arxiv APIs in Jupyter Notebooks to analyze literature, looking for collaborators - [steplitz@berkeley.edu](mailto:steplitz@berkeley.edu)

Renata Curty (UC Santa Barbara) Research Data Services - Social Sciences Data Curator - Carpentry helper and instructor (recently certified). I am interested in sharing experiences. [rcurty@ucsb.edu](mailto:rcurty@ucsb.edu)

Becky Escamilla (UC Berkeley) Technical Project Manager - Library IT. I attended a git session and it inspired me to want to get involved. I'm interested in learning and sharing knowledge. - [bescamilla@berkeley.edu](mailto:bescamilla@berkeley.edu)

Elizabeth Salmon, [esalmon@ucmerced.edu](mailto:esalmon@ucmerced.edu), UC Merced, Research Services Librarian, Carpentry Helper, LC certified but haven't been an instructor yet

Charlie Macquarie (UC San Francisco) Digital Archivist -- I have been a learner and subsequently, an instructor. I'm mostly interested in just connecting with other librarians/archivists who are teaching carpentries. [Charles.Macquarie@ucsf.edu](mailto:Charles.Macquarie@ucsf.edu)

Torin White (UCSB), Data Services Librarian, I've been involved with the Carpentries a learner and most recently as an instructor/host

Kristi Liu (UC Santa Barbara), Collaboratory (digital scholarship center), I am an almost instructor (have been involved with carp for close to a year) and am usually responsible for setting up our workshop repos and work alongside Jon, Torin, and Renata (among other instructors/helpers). I am interested in organizing workshops/lesson development. [ksliu@ucsb.edu](mailto:ksliu@ucsb.edu)

Jon Jablonski (Santa Barbara). [jonjab@ucsb.edu](mailto:jonjab@ucsb.edu) Collaboratory (digital scholarship center). Instructor for 18 months. Involved with almost every workshop offered at Santa Barbara since we started. I want to get advice on keeping our instructors active and organized.

Scott Peterson (UC Berkeley) Arts & Humanities Division of the Library--certified instructor

speterso@berkeley.edu

Elisa Rodrigues (University of San Francisco) - Systems Assistant - Library assessment and interested in working with the Carpentries to keep skills fresh and to teach moving forward erodrigues2@usfca.edu

Derek Devnich (UC Merced Library - ddevnich@ucmerced.edu) - Carpentries Coordinator

Erin Foster (UC Berkeley) Research Data Mgmt Program Service Lead, edfoster@berkeley.edu - considering instructor certification; new to my institution so just trying to get a sense of the local Carpentries community and think about where my interests lie!

Margot Hanson (CSU Maritime), mhanson@sum.edu - Instruction & Outreach Librarian - I've attended several intro workshops at UCB D-Lab for python, R, interested in computational text analysis, and would like to learn more about Carpentries

David Palmquist (CSU, Fullerton- dpalmquist@fullerton.edu)

Dave George (UCLA), Business Analyst - dave.george@anderson.ucla.edu

Kat Koziar (UC Riverside), katherine.koziar@ucr.edu. Data Librarian. I'm a Carpentries instructor and maintainer, and coordinate workshops on my campus. I'm curious to see how others are using the carpentries in the daily work. I'm also interested in how other campuses support their Carpentries community.

Amy Hodge (Stanford University) Science Data Librarian. I'm a Carpentries instructor and instructor trainer. I manage our Library membership (which won't be able to renew this year). And I'm on the Carpentries Executive Council.

Noah Geraci (UC Riverside), Digital Assets Metadata Librarian Instructor for the last couple years, interested in meeting people and learning what's happening on other campuses

Brian Schumacher (Univ of San Francisco), Systems Librarian, bjschumacher@usfca.edu

Elizabeth (Lisa) McAulay (UCLA), Head of the Digital Library Program. I am on the cusp of getting certified as a Carpentries Instructor. I'm very committed to the Carpentries and leading through example by investing my own time into participating. emcaulay@library.ucla.edu

Sharon Solis (UCSB) Research Computing Consultant - swsolis@ucsb.edu. I am an instructor and interested in learning and teaching the HPC carpentry curriculum.

- **Quick intro to the Carpentries** (5 min) - Ariel

- **Carpentries in Action** (35 min) (3-5 min talks/sharing time highlighting Carpentries teaching, using materials, anything!) - Feel free to share links/screen/slides/or just chat!

- **Add your name here!**

- -Renata Curty/Torin White/Kristi Liu (UCSB) - Online Library Carpentry Workshops (Bash + Webscraping) <https://github.com/UCSBCarpentry/2020-06-03-UCSB-LibCarp>
  - - Hosted a library carpentry workshop in June, taught Bash and webscraping lesson. Both were customized to local examples. Stats for service points in the library were used for the Bash lessons and Renata's real use case of scraping faculty contact information from department sites for the webscraping lesson.
  - - Renata used webscraping lesson to teach herself how to scrape UCSB faculty websites. The lessons were outdated and the example websites had been revamped since the lesson was last updated.
  - - Worked with a organization called Unidata to set up a JupyterHub server to use python in a browserwindow alleviated virtually all installation issues.
- - Noah Geraci (UCR) - Python & Bash in everyday metadata work. Past workshop adapted for archivists:
  - <https://ngeraci.github.io/2018-11-15-brand/>
  - Uses Python and Bash as a metadata librarian to wrangle horrible metadata spreadsheets

- -Charlie Macquarie (UCSF) - Python, Bash, automating archival operations and teaching new practitioners!
  - - similar use cases to how the carpentries has been applicable. Accession Management Scripts from UCSF Archives. Carpentries didn't take for him until he had a usecase.
  - - BagIt (<https://en.wikipedia.org/wiki/BagIt>; <https://github.com/jkunze/bagitspec>) for processing files. Easier to apply it using a python script.
  - - Troubleshooting as biggest learning experiences
  - - UC has a lot of command-line tools and utilities through CDL (<https://github.com/uclcdl>), but not very useful for librarians who aren't comfortable in a command-line environment.
  - - interested in other use cases that are more meaningful to learners. (i.e. Digital Humanities - for which there isn't much support on campus on campus)
  - - Q: overview of natural language processing NLP programming? value of collections as data; tracking terms changes, plus mapping below link
  - No more silence project: <https://www.library.ucsf.edu/archives/aids/memory-lives-on/pre-conference-workshop/>
- -Jon Jablonski (UCSB) Starting a campus Carpentry community with membership
  - - Membership information: <https://carpentries.org/membership/>
  - - benefits of membership; first year, had silver level which gave 6 seats in instruction (4 in library, 2 outside library); allowed a nice library collaboration with other groups on campus.
  - - recruited instructors from other teams on campus
  - - expanded to gold level in second year which allowed more instructors to be trained. (12 total, 3 library staff, the rest researchers, post-docs, and grad students around campus & with . )
  - - online workshops have been "jam-packed"
- - Dave George (UCLA) - Finishing instructor certification this month. Bash, with an eye towards Webscraping, Git & Python
- David Palmquist (Cal State, Fullerton-dpalmquist@fullerton.edu) Have taught the 2 day canonical course as an inservice training for ~25 librarians in his library, but most of my teaching has focused on Plotting and Programming in Python for Psychology department. Just finished a few hours of volunteer instruction for Biotech Partners. Recent/in progress projects include EzProxy config.txt workflow with GIT & extracting Accessibility issues from Compliance Sheriff Scans of Libguides and convert them to LibAnswers tickets for Content Owners of Record. We are currently implementing Leganto, so I anticipate many related scripts to help with maintenance of that integration.
  - - Interested in a formalized consortial model
  - - Did an inservice training but wasn't able to find a co-instructor from the Library
  - - uses for website compliance
  - - ask: is there anyone who wants to band together?

## Questions:

- how to keep people involved after going through training
  - At UCSB, Have to be a helper for one workshop, lead instructor for one workshop
  - Recruited a grad student who is now working from Africa
- Issue: how to keep training people outside of a membership?
- At UCSB: admin supported the membership cost as a plug for data science

- justification of cost of membership from an IT perspective: A way to develop and retain staff on campus. Membership cost was split between campus departments (- justification of cost of membership from an IT perspective: A way to develop and retain staff on campus)

- **Open Discussion** (30 min) - (smaller breakout rooms) - add topics you are interested in below

- - How to get involved in the Carpentries?
  - - Building local collaborations/finding partners
- - Strategies for keeping learners motivated after the workshop?
  - - UCSB: Weekly office hours meetings - generally used for planning purposes but others are welcome to pop-in
  - - Charlie: Have a project in the workshop, then have people check in two weeks later and present on what they have done with what they learned in the workshop
  - - David: check out a youtuber dataschools(<https://www.youtube.com/dataschool?>): encourages folks to find something that motivates/encourages them
  - - Dave: email people after the fact, what impact did the training have, do you have further questions
  - - Kat: hacky hours in collaboration with a graduate center, GradQuant. Through their partnership they can reach both graduate students and postdocs
  - - Sam: sign up with a buddy so that you have someone to hold you accountable - has been meeting with folks after the fact on a project - have sprints/challenges using library resources
  - - Charlie: a service that the library offered was data people could work with that wasn't HIPAA
  - - Scott: make sure to plug the infrastructure/classes available to folks after the class
  - - Kristi: maybe keeping a uc/csu wide carpentries listserv or adding a UC slack channel to the main carpentries slack so instructors/helpers can hop into workshops, and we can keep rotating resources and collaborate between different carpentry communities since some are more established than others.
- - Tailoring of lessons to demonstrate applicability towards "Library Work". (After the workshops I've been a part of, I notice that there are always some "I'm not clear how I'd use this in my work" comments and some "I can't wait to use this in my work" comments -- how to bridge that gap for all?)
- - Recruiting outside instructors

- **Wrap up/Next steps** (5 min)

### **Collaboration Opportunities:**

Add events you are looking for more instructors to help, or offer up your skills!

David Palmquist- offer to help, mostly software carpentries topics in python,

Library Carpentry Workshop for Southern California Librarians: <https://github.com/arieldeardorff/2020-08-10-SoCal-Online>

- Interested in being involved: Sharon Solis, David Palmquist

Application for Upcoming Library Instructor Training: [tiny.ucsf.edu/CALibTraining](https://tiny.ucsf.edu/CALibTraining)

Ideas: UC/CSU Carpentries slack channel

- Can someone remind me of the general carpentries slack channel again? I can't remember what the

page is :|

- -Charlie [swcarpentry.slack.com](https://swcarpentry.slack.com)