Carpentries Partnership Opportunity

Stanford Libraries is seeking campus collaborators for an initial one year partnership opportunity with the Software Carpentry Foundation (https://software-carpentry.org/) and the Data Carpentry organization (http://www.datacarpentry.org/), collectively referred to as the "Carpentries."

The Goal

of this partnership is to further the teaching and research missions of Stanford through two-day workshops, collaborations, and educational initiatives to enhance research computing best practices. We wish to further our existing relationship with the Carpentries by entering into an official partnership with them that will help us to better meet the very high unmet demand on campus for instruction in research computing best practices.

Our June 2017 Data Carpentry workshop for **40** post docs filled up in under **20** minutes and had a waiting list of over **80** people.

Attendees

of these two-day workshops consistently give these events high marks. Faculty who co-sponsor them with us find they are an efficient and productive way of providing much-needed instruction for graduate students and post-doctoral fellows.

Carpentries workshops "provide curriculum available nowhere else on campus." Graduate student Alex Colavin

"A number of my group members attended and found the workshop very impactful for their research.." Prof. David Goldhaber-Gordon

"The demand for these workshops is high and expanding Stanford's capacity in this arena would greatly enhance our research capacity." Prof. Miriam Goodman

"I am currently working with Amy Hodge to deliver training...via a partnership with Data Carpentry. This...is a critical component in graduate training to enhance data rigor and reproducibility." Prof. Martha Cyert

Carpentries Partnership

We seek two campus collaborators for partnership with the Carpentries.

Partnership Benefits

- Six workshops coordinated centrally at no charge by the Carpentries (normal fee $2500/ea)
- 50% discount on additional workshops coordinated centrally by the Carpentries
- Unlimited number of self-organized workshops
- 30 seats per year in Carpentries instructor certification program to build local capacity

Additional Partnership Components

- One seat on the Software Carpentries Foundation Advisory Council
- One instructor trainer (Amy Hodge) will teach at least 2 training sessions/year for the Carpentries
- Contribution by Stanford of $10,000/year to support the Carpentries and their initiative to further best practices in research computing

Suggested Collaborator Levels

Contributor — $2500

- You will receive one workshop targeted specifically for your group
- Your group would be responsible for planning, funding, and running your workshop (see additional cost details below)

Supporter — $1000

- Your organization will be acknowledged as a sponsor for all workshops
- Your organization will not be responsible for planning, funding, or running any workshops

Libraries Responsibilities

- Managing the partnership and direct communication with the Carpentries
- Providing SCF advisory council representative
- Staff person to be trained & serve as instructor trainer

Additional Costs

Instructors volunteer their time, but the host must pay for travel expenses for two instructors per workshop, as well as any fees associated with the space and food provided for attendees over two days. These expenses can typically run ~$3500 per workshop.
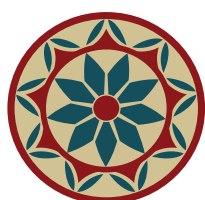
Our Previous Workshop Co-hosts

Center for Computational, Evolutionary & Human Genomics	Lane Medical Library
Prof. Martha Cyert, Biology (NIH Training Grant)	Office of Postdoctoral Affairs
Prof. Goldhaber-Gordon, Physics	Stanford Bioscience Student Assn.
Prof. David Hong, Psychiatry & Behavioral Sciences	Stanford Neuroscience Institute
Prof. KC Huang, Biophysics	

More Info

For more details on becoming a campus collaborator with Stanford Libraries in partnership with the Carpentries, please contact:

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