

Fwd: Program Proposal - Speaker Copy

Amanda Izenstark <amanda@uri.edu>
To: Andree J Rathemacher <andree@uri.edu>

Mon, Apr 23, 2018 at 11:01 AM

Submitted. THANKS!!!!

A.

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From: mbishop@nelib.org <mbishop@nelib.org>
Date: Mon, Apr 23, 2018 at 10:59 AM
Subject: Program Proposal - Speaker Copy
To: amanda@uri.edu

This email confirms that we have received your program proposal, and it is under consideration.

Speaker/Presenter Name	Amanda Izenstark
Speaker/Presenter Contact Email	amanda@uri.edu
Library/Institution/Organization Name	University of Rhode Island Libraries
Mailing Address	15 Lippitt Road Kingston, Rhode Island 02881 United States Map It
Proposed Program Title	The Open Science Framework and Reproducible Research: A New Space for Scholars and Librarians
Category/Subject/Topic (Choose all that apply)	<ul style="list-style-type: none"> • Academic Focus • Technology • Other (If you choose other, please give a short description of your program topic in the next question)
Program/Subject/Topic (Other - if applicable)	Scholarly communication
Proposed Program Description	<p>"It can be proven that most claimed research findings are false." Those are the words of John Ioannidis in a highly-cited article from 2005. Ioannidis is referring to the "reproducibility crisis," a phenomenon whereby researchers are not able to replicate published results in later experiments. A recent survey by Nature found that more than 70% of researchers have tried and failed to reproduce another scientist's experiments and more than half have failed to reproduce their own.</p> <p>Librarians, who frequently have an active role in helping researchers at all levels find information, and who now often help researchers manage and archive information, have a new space to help researchers avoid these issues. The Open Science Framework from the Center for Open Science has been designed to foster open science and address many of the problems leading to irreproducible research. OSF allows researchers to pre-register their experiments, collaborate with</p>

colleagues, and share their research outputs. In this session, learn how it works, how to use it to connect to outside services such as Google Drive and Dropbox, and how it supports study pre-registration, versioning, collaboration, and sharing preprints and data.

Additionally, we will introduce attendees to the replication crisis and provide real-life examples of reproducibility problems in the fields of psychology, economics, animal research, and biomedical research. We will outline the primary causes of the problem (the “file-drawer” problem, publication bias, poor experimental design, and the incentive structure for researchers) and will also note the unfortunate failure of peer review to weed out many false findings.

Attendees will leave with a basic understanding of the reproducibility crisis and how the concept of open science can benefit researchers at all levels by enhancing the integrity of the scientific record. They will also gain familiarity with a popular open science tool, the Open Science Framework.

Program Description for Printed Program

The Open Science Framework is a tool created to help address two crises in research: transparency and reproducibility. In this session, learn more about the reproducibility crisis and how librarians’ knowledge of the Open Science Framework can help researchers at all levels improve and share their work.

Choose type of presentation

Panel Discussion (up to 3 speakers, 60 minutes) - Please list names below

Equipment Needs

N/A

Presenter(s) Information

Name	Title	Institution	State	Email
Andrée Rathemacher	Professor Librarian	University of Rhode Island	RI	andree@uri.edu
Amanda Izenstark	Professor Librarian	University of Rhode Island	RI	amanda@uri.edu

Preferred Day & Time (this is not guaranteed)

No preference

Program Expenses

- I am a New England librarian.

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 Amanda Izenstark
 Professor, Reference & Instructional Design Librarian
 University of Rhode Island
 (401) 874-4582
amanda@uri.edu