Share your expertise, creativity, and devices at the AAAS, Pacific Division’s first-ever

SCIENTIFIC MAKER EXHIBIT AND SYMPOSIUM

Thursday, 16 June 2016
at the Pacific Division’s annual meeting
University of San Diego • San Diego, California
pacific.aaas.org

Scientific Maker Exhibit 10:00 a.m. – 12:30 p.m. in the Joan B. Kroc Institute for Peace and Justice

It is more feasible to create your own lab equipment than ever before with the advent of 3D printing, low-cost Arduino sensors and other “maker” technologies. It is also possible to have citizen scientist collaborators who cannot only take data for you, but follow open-source plans to create their own equipment. Are you one of the pathfinders that has actually done this? If so, please consider bringing your creation to San Diego for the AAAS, Pacific Division’s first-ever Scientific Maker Exhibit. Group exhibits are welcome. Objects that are the subject of work in progress or recent crowdfunding campaigns or equivalent open-source projects are encouraged. There is no charge for space, but all participants must register for the meeting. Please follow the instructions below in order to submit your application to be a part of this exciting event! Note that display space is limited and acceptance of objects for display will be determined solely by the staff and/or representatives of AAAS, Pacific Division based on quality and scientific merit of the proposed display. Participants take sole responsibility for the safety of their displays. The deadline for submission of an application is Friday, 22 April 2016. Applicants will be notified soon thereafter of the status of their application.

Scientific Maker Symposium 1:00 p.m. – 5:00 p.m. in the Joan B. Kroc Institute for Peace and Justice

Scientists have always been forced to create a lot of their equipment, but for major discoveries typically large capital budgets have been needed. Scientists often have to design their protocols to fit the equipment, but suppose it could be the other way around? Suppose you could put up plans for instrumentation and have people all over the world build something with which to collect data for you. This session will have two parts. First, individuals who have succeeded in developing DIY instrumentation will talk about their successes. Then, we will explore some of the issues that this brings up and the organizations that are springing up to manage safety and other issues that arise when science is performed outside the traditional path. If you are interested in making a presentation as part of this symposium, please contact Ms. Joan Horvath, joan@nonscriptum.com, in order to discuss your idea(s) and how your presentation would fit into the program. Information on abstract creation and submission may be found starting on page 13ff. of this Newsletter. The deadline for the submission of abstracts for this symposium is 1 April 2016. All abstracts must be prepared following the directions in this Newsletter, and sent directly to Ms. Horvath, who is organizing the program.

Instructions to apply for a space to display a device in the Maker Exhibit.

Go to the Pacific Division home page on the Internet (pacific.aaas.org) and then click on the link to the left: APPLY TO PRESENT IN SCIENTIFIC MAKER PROGRAM or click the QR code to the right. Fill out the form and click SUBMIT.

Questions? Contact Ms. Joan Horvath (joan@nonscriptum.com) or Dr. Roger Christianson (rchristi@sou.edu).

Notes:
1. Everyone whose object is accepted for this maker exhibit will need to have a Release of Liability form filled out, signed, and on file with the AAAS, Pacific Division prior to the start of the meeting.
2. All objects are subject to a safety inspection at least 30 minutes prior to the start of the Exhibit. Staff of the AAAS, Pacific Division and/or staff of the University of San Diego (USD) retain the right to remove from the exhibit at any time any object that fails the safety inspection or is deemed unsafe or a danger in any way to people or the physical plant of USD.