

## **ScienceOnline 2012: Broadening the Participation of Underrepresented Populations in Online Science Communication & Communities #scio12 #diversity**

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Session information aggregated at:

<http://www.MinorityPostdoc.org/view/event-2012-ScienceOnline.html>

### **Science Diversity Activities online**

- [Diverse Bloggers](#) at MinorityPostdoc.org  
Please make suggestions of blogs if they are missing.
- [Diversity in Science Carnival](#)  
[Online LGBT Pride: the Diversity in Science Blog Carnival](#)  
Article about relaunch.
- SACNAS 2011 session: [Blogging, Tweeting, & Writing: How an Online Presence can Impact Science and Your Career](#)  
Society for the Advancement of Chicanos and Native Americans in Science
- [DiverseScholar](#) periodical  
Pitch ideas for article topics: news, features, essays (not peer-review)

### **Diversity & Outreach Efforts of existing programs**

- Professional Science Societies (undergrad/grad students)
  - Ecological Society of American (ESA) has TEK tracts
  - SACNAS
  - Animal Behavior Society Charles H Turner Undergrad Mentoring Program
  - Society of Wetland Scientists Mentoring Program
- Citizen Science & Afterschool Programming (K-12 students/families w/children)
  - Student center for Science Engagement (Chicago, Illinois)
  - Project Exploration (Chicago, Illinois)
  - 1000 Scientists in a 1000 Days
- Programs for non-parenting adults
- Ideas for outreach to different Audiences
  - Cultural competencies

Create more reader friendly blog post, e.g. caption post photos.

### Mentoring and making **connections**

Comprehending cultural norms (for different communities)

e.g. multi-generational traditions, oral history/story-telling traditions, science embedded in spirituality/rituals tradition, **TEK** (Traditional Ecological Knowledge)

USDA FS: Eastern Forest & Western Wildlands Environmental Threat Assessment Ctr.

As Allies, we can help by comprehending that it is NOT a single way to access STEM.

Metaphor of the pipeline may not be the best.

Traditional behaviors don't really encourage individuals to do outreach, allowing them time to do it, do it well. **#K3RNED**

### Action Items

- Blog about your education, mentoring, research experiences and interest
- Invite new voices to the table – Online and Offline
  - ~ Host guest post/guest post for others
  - ~ Give more talks at Minority Serving Institutions, Community Colleges, etc.
  - ~ Invite more speakers from under-served groups to give research talks
  - ~ Host consortiums/academic competitions at your institution or sponsor programs (like science cafes, Family Math & Science Nights) at neighborhood venues
  - ~ Participate in guest hosting friendly sites like at **Scientopia.org** and **BetterBio.org**
  - ~ **Mentornet.net**: join it. Online mentoring programming in STEM. E-mentoring. They give training to mentors, so it's easy to do.
  
- Review "Science Diversity Activities online" above
  
- Participate in [Diversity in Science Carnival](#)
  - ~ Hosts for monthly Carnivals (dates subject to change)
    - #scio12 #diversity Broadening Participation summary (Jan 28)
    - Black History Month (Feb 25)
    - Women's History Month (Mar 25)
    - Environmental Leadership (April 25)
    - Asian, Pacific, & South Asian Heritage Month (May 25)

LGBT Pride Month (June 25)

ADA/Disability Awareness (July 25)

Hispanic Heritage Month (Oct 25)

Native American Heritage Month (Nov 25)