ACerS-NSF Ceramics PI Workshop

Call for Volunteers, Organizers & Session/Course Proposals

You do <u>not</u> need to be a PI or co-PI to help us!

Respond to both lmadsen@nsf.gov and ggeiger@ceramics.org **ASAP**

Help Wanted!

- In our draft agenda on the pages following we have outlined our needs.

- **Moderating** is easy – show up, introduce the speakers, keep it on time, etc. – the usual thing. You may sign up as a pair or as an individual.

- With the **course and the sessions**, give us a sense of how it will all work on 1 page, use 2 pages if need be. Note that any details provided in the schedule are only suggestions. Consider that one registration waiver is included; we may be able to provide more, but do not count on this. No funding will be provided for travel, etc. Indicate in your session or course proposal if the individuals involved have been contacted or not, and for the former, if their participation is confirmed.

- I imagine the **course** has to be both excellent and VERY basic (an overview) to capture those in the audience who have heard the terms but do not recall the differences between approaches or have a sense of what the capabilities of each of these are. Perhaps multiple speakers will work better than just one? I can make suggestions.

- For the other **sessions** – I imagine a short talk, a breakout period and a reporting period. Again I can make some suggestions for speakers.

- For the **open call** – see ideas on the next page.

Open Call Ideas

- Want to help, but not sure what to do? Below are some ideas for you think about... or give us an entirely new idea.
  - Your pathway to change – critical junctures and appropriate balance
  - How to increase your visibility in the community. How to select conferences and journals.
  - Time management. Work-life satisfaction / balance.
  - Defining yourself and your work.
  - How to be a great collaborator. Perhaps with a related topic -- How collegiality works.
  - Key targets for academic success.

All main speakers & organizers will be offered a one-year complimentary ACerS membership (with a value of $130).

Day 1: Morning

- Day 1 **Morning Moderator/s**: _____ (volunteer/s welcome)
- 8:00-9:00 Registration & refreshments, Set-up Posters Group A
- 9:00-9:10 Welcome ACerS – Greg Geiger
- 9:10-9:20 Welcome NSF – Lynnette Madsen& other NSF staff
- 9:20-10:10 3-minute intros for 15 experimentalists (Group A)
- 10:10-10:50 Break & Poster Session for Group A
- 10:50-11:10 NIST overview – Lynnette Madsen
- 11:10-12:10 3-minute intros for 15 experimentalists (Group B)
- 12:10-12:40 Set-up Posters Group B and Lunch.
- 12:40-1:20 Poster Session for Group B

Day 1: Afternoon

- Day 1 **Afternoon Moderator/s**: _____ (volunteers welcome)
- 1:20-2:30 **Crash Course in Computation – call for course proposal**
- 2:30-2:50 Break & Set-up Posters Group C
- 2:50-3:00 Update from ACerS – Mark Mecklenborg, ACerS
- 3:00-3:10 Round the room response to question: What is the best thing (for you or others) that you have done with a professional society?
- 3:10-4:00 Three minute introductions for 15 people (Group C)
- 4:00-4:40 Break & Poster Session for Group C
- 4:40-5:30 Three minute introductions for 15 people (Group D)
- 5:30-5:40 Break and Set-up Posters Group D
- 5:40-7:40 Dinner break
- 7:40-8:40 Poster Session for Group D

Day 2: Morning

- Day 2 **Morning Moderator/s**: Fanglin (Frank) Chen (1 additional volunteer welcome)
- 8:30-9:00 2nd Poster Session for Group D
- 9:00-11:00 **Mentoring Session**: Call for Session Proposal
  - 9:00-9:50 Lectures, Background Material, etc.
  - 9:50-10:00 Start Exercise at Tables
  - 10:10-10:30 Break & Continue Exercise at Tables
  - 10:30-11:00 Report Out from Tables
- 11:00-11:40 Update on NSF and Ceramics Program – Lynnette Madsen
- 11:40-11:50 Q&A re. Ceramics Program
- 11:50-1:00 Lunch Break

Day 2: Afternoon

- Day 2 **Afternoon Moderator/s**: _____ (volunteers welcome)
- 1:00-1:30 Overview of NSF support for collaborations (international, industry, other) – Lynnette Madsen
- 1:30-3:30 **National Lab Collaboration Session**: Martha Mecartney, University of California, Irvine.
  - 1:30-1:35 Introductions
  - 1:35-2:05 **Edgar Lara-Curzio**, Director HTML at ORNL (20 min + questions)
  - 2:05-2:35 **Haimei Zheng**, Staff Scientist NCEM at LBNL (20 min + questions)
  - 2:35-3:00 What is needed to facilitate collaborations?
  - 3:00-3:10 Break
  - 3:10-3:30 Report out from Tables
- 3:30-4:40 **How to effectively mentor undergraduates and high school students in the lab**: Martha Mecartney, University of California, Irvine. Please contact her if you are interested in helping with this one.
- 4:40-4:50 Closing Remarks from ACerS – Greg Geiger
- 4:50-5:00 Closing Remarks from NSF – Lynnette Madsen