

Working Group Title: Creating a mentoring network for mid-career and senior biochemistry faculty

Members:

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Goals of Working Group:

- Build a community of biochemistry professors at the middle and senior stages of their careers
- Identify priorities for a mentoring network of biochemistry faculty
- Produce a guide of best practices on starting disciplinary mentoring groups based on our experience
- Build a way to disseminate shared information about biochemistry faculty.
- Develop a plan for creating a future sustainable biochemistry mentoring network

Outcome of Working Group:

- We have surveyed all biochemistry-related faculty in the ACS consortium for their interest and needs related to building a community of biochemistry faculty (Survey Questions are below).
- We have constructed a webpage housing information from all mid-career or senior level biochemistry-related faculty, who opted to share their information
 - <https://sites.google.com/view/acs-biochemistry-network>
- Our webpage will be a resource to connect ACS biochemistry faculty and begin building a network for new professional partnerships and connections
- From our survey, we have identified a need for mentoring and provided a guide for how to approach building a mentoring network. This information is housed in the webpage.

Resources Created:

Website: <https://sites.google.com/view/acs-biochemistry-network>

Survey to Post-Tenure Biochemists from the Associated Colleges of the South Institutions

What is your name?

Please select your academic rank from the list below.

Assistant Professor

Associate Professor

Professor
Other (please name)

What is your email address?

Select your institution from the list below.

All 16 ACS institutions were listed.

Please select your department from the list below

Biology
Chemistry
Chemistry & Biology
Other (please name)

Do you give permission for us to share your name, institutional affiliation/position, email, research interests, and courses taught on a website listing biochemists from all ACS institutions?

Yes
No

Please select courses you have taught in your current position. *Select all that apply.*

First-semester/introductory/general chemistry (1 of 2 semesters in series)
Second-semester/introductory/general chemistry (2 of 2 semesters in series)
General/introductory chemistry (one semester)
General/Organic/Biochemistry 1-semester combo course
Introductory biology
First semester biochemistry
Second semester or advanced biochemistry
Biochemistry lab
Molecular biology lab
Special topics in biochemistry (name below)

Please select all key terms that describe your research expertise from the options below.

DNA
RNA
in vitro protein studies
protein structure and dynamics
biocatalysis
regulation of gene expression
signal transduction
computational biochemistry
microbial systems
membranes and transport mechanisms
bioinorganic
biophysical chemistry
carbohydrates

lipids
metabolism
immunology
plant systems
Other (add your own keywords)
yeast
bacteria
Other model organism

Have you had academic leadership experience? *Select all that apply.*

Departmental Chair
Divisional Chair
Provost
Dean (provide title)
Other (provide title)

Do you think a network of mid-to-late career ACS biochemistry faculty would be useful to you?

No
Yes, in the following ways (please list)

Are you interested in connecting with other ACS biochemists to discuss research-related issues?

Yes
Maybe
No

Are you interested in connecting with other ACS biochemists to discuss teaching-related issues?

Yes
Maybe
No

Would you be interested in a formal peer-mentoring program among ACS biochemists?

Yes
Maybe
No

Feel free to share your top *two* non-academic challenges from the choices below.

Pursuing independent funding/writing grant proposals
Managing research students
Teaching/designing course material
Work-life balance
Institutional support/navigating institutional issues

Issues related to identity/diversity/equity/inclusion
Non-academic obligations (for example family, eldercare, other)
Other