

American Mathematical Society
Workshop for Department Chairs and Department Leaders
Tuesday, January 3, 2017
Atlanta Marriott Marquis Hotel
Marquis Level, Rooms 103-105

PROGRAM

8:00 am *Continental Breakfast*

8:30 am **Faculty Development**

Leader: Matthew Ando, University of Illinois at Urbana-Champaign

Faculty development takes many forms, from informal mentoring to mandated annual reviews. It can touch on all aspects of faculty work, including research, grant writing and administration, classroom teaching, advising, administration, outreach, and service. It affects faculty at all stages of their careers. We'll lead a discussion and comparison of different approaches to faculty development.

10:00 am *Break*

10:30 am **What Should the Mathematics Major Look Like in the Future? How Can a Department Chair be the Change Agent for Making Curriculum Changes?**

Leader: Douglas Mupasiri, University of Northern Iowa

In this session we will explore answers to two important and related questions. The first is: What should the mathematics major look like in the future? A reasonable marker to use for a horizon for the future might be 2026. While there are varying views on how different the mathematics major of 2026 should be from its current form, there is broad agreement that the major will have to change to reflect the changing way in which mathematics is done and to accommodate both changing circumstances in K-12 mathematics education and evolving trends in STEM workforce demands. In the second part of the workshop, the participants will consider the following question: Assuming their respective departments have agreed on what a mathematics major of 2026 should look like, what is the curriculum process the department would need to navigate to get a new major added to the catalog or, indeed to make significant changes to the existing major? In particular, what are the obstacles to proposing a new major and getting it approved? Some examples of how the curriculum process works in different types of institutions will be provided to serve as bases of comparison.

12:00 pm ***Luncheon Buffet***

1:30pm **Legal Issues and Difficult Situations**

Leader: Krista Maxson, University for Science and Arts of Oklahoma

This session provides a general overview of legal issues and challenges to be aware of as an academic department chair. Scenarios will be presented to the group for discussion on topics such as Title IX, Family Educational Rights and Privacy Act (FERPA), the Americans with Disabilities Act (ADA), grievances, etc. It may be helpful to have access to your current faculty handbook and/or union faculty contract for use during the interactive portion of the workshop.

3:00pm ***Break***

3:30 pm **Diversity and Inclusiveness in Mathematics: Faculty, Grad Students, and Undergraduates**

Leader: Malcolm Adams, University of Georgia

After a brief review of national data on race and gender diversity in mathematics departments we will discuss a few examples of programs that have begun to make a difference. Group discussions will focus on local successes and failures, identification of barriers to improvement, and strategies to overcome these barriers.

5:00 pm ***Reception***
-6:30 pm

Previous Workshop participants and AMS Project NExT Fellows have been invited to join us for the post-workshop reception.