

AMATYC/ASA Joint Committee Meeting Minutes
AMATYC Conference Orlando, Florida
November 15, 2018
4:45-6:15 PM Eastern

Present: Rob Gould, Julie Hanson, Kate Kozak, Wendy Pogoda, Rebecca Wong, Mary DeHart, Chair.

Guest, Duane Day

Present via conference call or Zoom: Donna LaLonde, Rebecca Nichols, Jamis Perrett

Recorder: Mary DeHart

1. Review of minutes from October 4, 2018 Conference Call

2. JSM 2019 Themed Session Proposal Update

The AMATYC/ASA Joint Committee will be submitting a proposal to present a topic - contributed panel discussion at JSM 2019. The proposed discussion will focus on data science at two-year colleges and will include panelists Rob Gould, Kate Kozak, and Ambika Silva. Proposals are due by December 12, 2018.

3. Webinar Updates

Two Joint Committee sponsored webinars are currently scheduled:

Statistical Sampling Methods by Jamis Perrett – Wednesday, December 5th, 4 PM Eastern

Implementing R in Your Introductory Statistics Course by Kate Kozak - Friday, February 1st, 1 PM Eastern

Plans for two additional webinars to be presented in the late summer or fall of 2019 are moving forward:

Michael Dorff has accepted an invitation to present a webinar on the MAA's PIC Math, which addresses preparation for industrial careers in the mathematical sciences.

Christine Franklin has accepted an invitation to present a webinar on the K-12 statistics curriculum. Christine has been asked to address the following questions: a) What statistics are students learning in K-12 before they come to us; how does that impact our intro stat courses? b) What should future K-12 teachers be learning in our intro stats courses so that they are prepared to teach the K-12 curriculum?

Kate announced that the AMATYC Board has approved the position of Webinar Coordinator. There will be new limits on the number of AMATYC webinars to be presented each year.

4. Foundations of Conceptual Understanding in Statistics (FOCUS) NSF Grant Invitation

Tim Jacobbe, Bob delMas, and Megan Mocko are working on a proposal to submit to the NSF for the December 11, 2018 *Improving Undergraduate STEM Education (IUES)* deadline. The AMATYC/ASA Joint Committee has been asked to agree to review the assessments that will be developed as part of FOCUS. Committee members expressed appreciation for this invitation. Mary DeHart will provide Tim with a letter of support to be submitted to the NSF.

5. AMATYC Statistics Resource Page Redesign

AMATYC Website Coordinator George Hurlburt provided the group with a test page to give us an idea of how the AMATYC Statistics Resource Page might be improved. The Joint Committee had requested changes to give the page a less cluttered, less intimidating appearance.

Rebecca Wong suggested that we might ask George to model the design of the AMATYC Statistics Resource Page after the AMATYC Project Access Page. This suggestion received the enthusiastic support of the Committee. Julie will contact George to see if this would be a reasonable approach.

6. Creating a Data Science Degree

Kate is currently working on creating a data science program at her school. The group discussed challenges inherent in this process including:

- The need to develop a curriculum; it was emphasized that our role should include identifying the math courses that should be a part of the curriculum
- The need for texts
- Transferability and articulation issues
- The challenge of meeting with local businesses to establish that two-year data science graduates are employable
- The development of certificates; should two-year colleges focus on stackable credential pathways?

- Community college responsibility to focus on social equity; responsibility to local community
- The development of a capstone course to showcase work skills; including the development of electronic portfolios

Note: It was suggested that the AMATYC Statistics Committee might propose a themed session for the 2020 AMATYC Conference on different ways of teaching R at two-year colleges.

7. Census at School

Census at School is an international program that involves students in grades four through twelve in collecting data. Rebecca Nichols plans to expand the Census at School program to colleges and asked if the Joint Committee would be willing to help review some of the materials. Committee members enthusiastically agreed to be a part of this project.

8. Changes in AMATYC/ASA Joint Committee Membership

Kate Kozak announced that the AMATYC Board has approved Duane Day's appointment to the AMATYC/ASA Joint Committee. Duane will replace Mary Kehoe Moynihan as an AMATYC Joint Committee member.

Allan Rossman has been approved as the new ASA representative to the Joint Committee. Allan will replace Rob Gould as an ASA Joint Committee member.

The Committee expressed appreciation to Mary Kehoe Moynihan and to Rob Gould for their years of service.