

AMATYC/ASA Joint Committee Meeting Minutes

45th Annual AMATYC Annual Conference

Milwaukee, Wisconsin

November 14, 2019

4:45-6:15 PM Central

Present at AMATYC: Julie Hanson, Kate Kozak, Allan Rossman, Rebecca Wong, Mary DeHart

Present Via Zoom: Rebecca Nichols

Announcements

The Committee thanked Kate Kozak for her work as AMATYC Liaison to the Joint Committee. Kate will be leaving to begin her term as AMATYC President. Sophia Georgiakaki, AMATYC Northeast VP has been appointed as the new AMATYC Liaison.

The Committee also thanked Wendy Pogoda, who will be completing her term as an ASA representative to the Joint Committee on December 31, 2019. Michael Sullivan will be the new ASA representative as of January 1, 2020. Julie Hanson has been reappointed as an AMATYC rep to the Joint Committee for the next three years.

AMATYC Statistics Resource Page Revisions

<https://amatyc.site-ym.com/page/StatsResources>

The AMATYC Board has just endorsed the document, *Mathematics Foundations for Success in Introductory Statistics*. The Committee approved putting the link to this revised document on the Statistics Resource Page.

The committee also approved the deletion of the announcement for the 45th AMATYC Conference and the addition of announcements for eCOTS 2020, JSM 2020, and the 46th AMATYC Conference. An announcement that applications for StatPREP workshops will be accepted until April 17th will also be added. Announcements will be placed in chronological order.

Webinars

Allan Rossman's webinar, *Teaching Introductory Statistics: Ask Good Questions*, will be presented at 2:00 PM Eastern on January 15, 2020. The revised GAISE for K-12 will be released in April; Chris Franklin has volunteered to present a webinar on the updated GAISE document.

The Committee plans to sponsor a webinar featuring a panel discussion on the creation of data science programs at two-year colleges. Julie Hanson will contact Brian Kotz and Crystal Wiggins to ask if they would like to service as panelists. After panelists have been selected, Julie will ask Ambika Silva if the Data Science Sub-Committee would like to co-sponsor this webinar.

The ordering of the webinars for 2020 will be: Allan Rossman's webinar, followed by the panel discussion on data science programs at two-year colleges, with the GAISE webinar most likely being scheduled for late summer or early fall.

ST/STEW Updates

<https://www.amstat.org/ASA/Education/STEW/home.aspx>

Don Davis from Lakeland Community College has prepared a lesson plan, *Using a Pulse Oximeter to Explore Analysis of Variance*, and plans to submit it as soon as he obtains IRB approval from his college. Duane Day is also planning on submitting a lesson plan.

Julie Hanson will invite the members of the AMATYC Statistics Committee attending the Statistics Committee meeting tomorrow to submit lesson plans and/or recommend presentations seen at AMATYC as potential lesson plans.

JSM 2020

Allan suggested that a two-year college strand be added to the program for JSM 2020, to be held in Philadelphia. He suggested that Roxy Peck and he would be willing to present a workshop for two-year college faculty. Rebecca Nichols stated that two-year college faculty can also attend the *Beyond AP Stats* presentation without paying the JSM registration fee. Allan offered to plan the workshop. *Implementing GAISE for Introductory Statistics* was suggested as a title. Rebecca Nichols will check to see if she can find funding for food, etc. for the workshop.

Rebecca Nichols also suggested that we might consider partnering with the ASA Committee on Career Development – possibly for a webinar on career development.

DataFest

The Committee briefly discussed the goal of providing two-year college students with the opportunity to participate in DataFest activities. Mary mentioned that Kelly Fitzpatrick, who is president of MATYC NJ, the New Jersey AMATYC affiliate, would be an ideal person to work with Rob Gould to introduce Data Fest to two-year colleges in New Jersey. Kelly has presented two Joint Committee sponsored webinars on the use of R and large data sets in Introductory Statistics classes.

Update: Kelly and Rob had the opportunity to begin to discuss this project at the AMATYC Conference and are enthusiastic about the potential of this collaboration.

Joint Committee 2020 Goals

The Committee has already made good progress towards achieving many of our goals for 2020. The goals are:

- Continue to plan and host webinars – including webinars that provide support for new statistics instructors.
- Participate in expanding the scope of ST/STEW to two-year colleges so that two-year college instructors can use the lesson plans and contribute lesson plans of their own to the website.

- Propose a themed session for JSM 2021. The ASA Section of Statistics and Data Science Education is supportive of our Committee proposing a presentation on data science at two-year colleges.
- Participate in discussing potential survey topics for the college version of Census at School. The Committee is looking forward to working on this when we receive word from Rebecca Nichols.
- Continue to support the growth of data science programs at two-year colleges.
- Look for ways to encourage two-year college students to participate in DataFest.

Mary DeHart's term as Joint Committee Chair will conclude on December 31, 2019. The Committee thanked Mary for her service as Chair. Rebecca Wong will begin her term as chair on January 1, 2020.