

## **AMATYC/ASA Joint Committee Conference Call**

### **Meeting Minutes**

**January 11, 2016**

**12:00 – 1:00 PM**

**Present:** Rob Gould, Chair; Roxy Peck, Mary Kehoe Moynihan, Donna LaLonde, Kate Kozak, Rebecca Nichols, Julie Hanson, Mary DeHart

**Recorder:** Mary DeHart

### **Case Studies**

Donna reported that five case studies designed for use in introductory statistics are available for review. These case studies were designed by a working group led by Richard DeVeaux in response to a request from 2015 ASA President David Morganstein.

The case studies and additional background information can be found at:

<http://community.amstat.org/stats101/home>

### **Planning for the AMATYC Conference in Denver**

Julie provided a draft of the AMATYC Session Proposal and requested feedback from the Committee. (The draft is included at the end of the meeting minutes.) It was suggested that Committee members should e-mail Julie suggested revisions to the summary for the program that would include the fact that the AMATYC/ASA Joint Committee is sponsoring the session. The summary must not exceed 50 words. The proposal must be submitted by February 1, 2016. Julie should know whether or not it has been accepted by sometime in April.

### **AMATYC Preconference Workshop**

Allan Rossman is interested in presenting a preconference workshop at the AMATYC Conference in Denver. The preconference workshop would be funded by an NSF grant and would provide materials and ideas for teaching intro stats with a simulation-based approach.

The Joint Committee enthusiastically supports this idea. Kate will bring a request for a statistics preconference workshop to the AMATYC Board later this week.

### **Input from Brian Kotz**

Brian was unable to attend the conference call, but sent the following comments via e-mail:

- 1) I believe that the proposal submission deadline for the e-COTS e-conference is February 1<sup>st</sup>. If anyone is interested in presenting, the contact is Kari Lock Morgan at [klm47@psu.edu](mailto:klm47@psu.edu). It is a very cost effective way for cash-strapped two-year college instructors/schools to

participate in some professional development and to develop contacts with other statistics instructors and statistics education researchers.

[www.causeweb.org/ecots/ecots16/](http://www.causeweb.org/ecots/ecots16/)<<http://www.causeweb.org/ecots/ecots16/>>

2) Rob mentioned that I submitted a proposal for a JSM roundtable for Chicago. I have not heard back yet from Dalene Stangl (ASA Stat Ed Section Program Committee member) about it, so I don't know if it will run or not. The working title for now is "Introductory Statistics in Two-Year and Four-Year Colleges: More Similar (and More Different) than Many People Realize." We'll see.

3) The AMATYC proposal sent by Julie and included in the agenda looks great to me. Our four speakers have been supportive of the efforts of two-year college faculty for some time through books, collaboration, presentations, professional development initiatives, committees, etc., and I hope that we can reiterate and reinforce this to AMATYC members when we later advertise and spread the word about the sessions.

### **Building Connections between AMATYC and the ASA**

Mary KM was pleased to report that George Cobb has accepted an invitation to be the key presenter at the NEMATYC meeting to be held at Cape Cod Community College on April 29<sup>th</sup>.

Rebecca recommended George Cobb as a speaker; he will be the second ASA speaker who will be presenting as part of our initiative to build connections between local ASA chapters and AMATYC affiliates.

Kate will be recommending that the AMATYC Board appoint Mary KM to the AMATYC/ASA Joint Committee for an additional term.

### **Webinars**

Jay Meisenheimer, Chief of the Division of New Media at the US Bureau of Labor Statistics, will present the next AMATYC/ASA Joint Committee sponsored webinar, *Using Data Visualizations to improve Understanding about the Labor Market and Economy*, at 2:00 PM Eastern time on February 23<sup>rd</sup>.

Julie will invite Allan Rossman to present a webinar in April. The webinar would provide an opportunity to introduce teaching introductory statistics with a simulation-based approach as either a stand alone professional development opportunity or as a prelude to the preconference workshop that is likely to be scheduled at the AMATYC Conference in Denver.

---

### **AMATYC Session Proposal Draft**

**First Session:** [50 minutes] Presentation introducing the new GAISE Recommendations

[presenter - Allan Rossman, member of committee updating the GAISE College Report].

**Second Session:** [2 hours] Workshop on Activities Centered around the new GAISE Recommendations for Teaching Introductory Statistics [3 presenters (one for each theme) - (Roxy Peck, Rob Gould, Michael Posner) - each presenter has 30 minute presentation then 10 minute Q&A].

**Title of Presentation** (limited to 70 characters including spaces): Intro Stats Activities Centered Around the New GAISE Recommendations

**Summary of Presentation for the Program** (limited to 50 words): This workshop will introduce three themes included in the new GAISE (Guidelines for Assessment and Instruction in Statistics Education) recommendations and engage the participants in hands-on activities they can use in an introductory statistics course. The three themes are: teaching statistics as an investigative process, multivariable thinking, and data science.

**How can the information in your presentation help or be used by mathematics faculty?** (limited to 100 words): This workshop will be helpful for faculty who teach an introductory statistics course. This workshop will introduce the participants to three themes included in the new GAISE recommendations. It will provide the participants with knowledge about the three themes, as well as engage them in hands-on activities that they can bring home and use with their students in an introductory statistics course. The participants will leave the workshop with ideas of how these three themes can fit in to their intro stats course and specific activities they can use with their students.

**Brief Description of Presentation** (style and use of time): This workshop will introduce three themes that are included in the new GAISE Recommendations. There are three presenters, one for each theme. Each presenter has a 30 minute presentation and then a 10 minute Q&A. The goals for each of these three presentations are:

- Introduce one of the three themes in the new GAISE Recommendations: (1) teaching statistics as an investigative process of problem-solving and decision-making, (2) giving students experience with multivariable thinking and (3) data science.
- Engage the workshop participants in an activity that exemplifies the theme.
- Provide the workshop participants with an activity that they can bring home and use with their students in an introductory statistics course.

**Additional Comments or Information:** The Statistics Committee would like to schedule two back-to-back sessions (in the same room) that are related to the new GAISE Recommendations. This workshop is the second of those two sessions. We would like to request the following: (1) Please schedule the first session (presented by Rossman titled "TBD") to start right after the regional breakfasts on Friday. (2) Please schedule the second session (presented by Peck, Gould, and Posner titled "Intro Stats Activities Centered Around the New GAISE

Recommendations") to start right after the first session. (3) Please schedule both sessions in the same room. (4) Please schedule them in a room with multiple round tables (for individuals to work in groups). (5) Please schedule Julie Hanson as the president. Thank you.

-----