TD6 Opportunities for Engagement with the International Mathematics ANET

47th AMATYC Conference

October 27-31, 2021

Phoenix, AZ

Presented by:
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... In mathematics *global learning* aims for the development of students’ understanding of global and cultural perspectives in the context of scientific knowledge and methodology.........
Global learning is the process of diverse people collaboratively analyzing and addressing complex problems that transcend borders.

New Initiatives in the ANET to address Global Learning

We now have working groups for:

• Globalizing the curriculum
• Collaborative Online International Learning (COIL)
• Assessment of global learning in mathematics/statistics
GLOBAL CURRICULUM GROUP

Most active group with currently 5 members working on:

• Expanding an existing problem by a global component
• Creating a globally oriented project in a precalculus course
• Connecting a local issue to a global one
• Polling students in a statistics course to get their perception about a global issue
• Generating ideas for presentations in Toronto
• Envisioning the publication of some of the work done
Positive COVID-19 Cases end of July 2021

By Gender and Age groups in Bavaria, Germany

By Age groups in Maryland, United States
What is COIL?

COIL is about connecting across difference.

Professors and students work with their peers in an online learning environment to explore subjects, themes, issues, and ideas.
How COIL aligns with Institutional Strategy

- Equity and Access
- Internationalizing the Curriculum
- Intercultural Skills Development
- Active Pedagogy
- 21st Century Skills Development
- Student Centered Learning
- High Impact Practice
COIL GROUP

Least active group with currently 2 members interested:

• Looking for members with a sense for innovation who want to try something new
• Looking for members who want to build relationships with a college/university/high school abroad

Stay for the themed session “A Statistical COIL Embracing Global Perspectives” by Irene Duranczyk at 9:20am
ASSESSMENT GROUP

Currently 3 members who are interested in:

- How to assess global learning in a mathematics course
- Intercultural communication
- Designing rubrics for comprehensive projects with or without a global orientation
Contact Information for Groups

• Co-leaders for curriculum group:
  Manisha Ranade from Santa Fe College in Florida
  manisha.ranade@sfcgollege.edu
  Grace Pai from Guttman Community College in NY
  Grace.Pai@guttman.cuny.edu

• Leader for COIL group:
  Jon Oaks from Macomb Community College in MI
  midwestvp@amatyc.org

• Co-Leaders for global learning assessment:
  Rehana Yusaf from Howard Community College in MD
  ryusaf@howardcc.edu
  Barbara Leitherer at bleitherer@ccbc.md.edu
THANK YOU

If you want more information about the International Math ANET in general, please contact me at bleitherer@ccbcmd.edu

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