

ANSI Committee on Education (CoE)

October 2022 NPAG Meeting



WORLD STANDARDS WEEK

FALL 2022

Committee Charter



- Oversight of all Institute initiatives related to standards and conformity assessment education and outreach, including:
 - Long term strategy for university faculty outreach to promote the integration of standards and conformity assessment in curricula to educate the next generation of business leaders on the strategic impact of standards and conformity assessment.
 - Programs and tactics that raise awareness of the importance of standards and conformity assessment among university faculty and across multiple disciplines

Leadership and Membership

- Currently more than 70 committee members representing SDOs, companies, government agencies and academic institutions
- 2022 Leadership
 - Rachel Brooker, Chairman (NSF)
 - Muhammad Ali, Co-Vice Chairman (HP, Inc)
 - Mary Jo DiBernardo, Co-Vice Chairman (NIST)
 - Travis Murdock, former Chairman (ASTM)
 - Lisa Rajchel, administrator (ANSI)

2022 Student Paper Competition

- Theme: ***Standards support innovation, cooperation, and excellence at the Olympic Games***
 - Students were asked to explore the use of or identify an absence of/need for standards that support health, safety, performance, efficiency, and/or innovation at the Olympic Games
- Unfortunately, for the first time, we did not receive any submissions
- A meeting was held with the CoE leadership and the academic members of the CoE to explore possible reasons for the lack of submissions:
 - It was mentioned by some that the theme was too narrow while others thought it was too broad of a subject
 - The professors were encouraged to include the competition in their curriculum, making the submission of a paper a course requirement or extra credit project.
 - There was also discussion on the prize for the first and second place winners
 - Since in the past the launch announcement only states that there is a cash prize and not the amount, it was suggested that the cash amounts be included in the announcement
 - Various-non-cash prizes were explored such as certificates of submission for all entries and networking opportunities for the winners during WSW where the winners could meet with experts in their future fields

2023 Student Paper Competition

- Theme: ***Standards Supporting United Nations Sustainable Development Goals***
 - Although this was the 2020 paper competition theme, it is still most relevant
 - CoE academic members noted that the UN SDGs are discussed across many disciplines
 - CoE academic members noted that papers addressing UN SDGs have potential as a class assignment
 - Students are asked to choose one of the 17 UN Sustainable Development Goals and explore the ways in which standards play a role in achieving it or could in the future
- Entries are due June 3, 2023

Standards Simulation

- Simulation provider, United Knowledge, to amend the virtual simulation it offers to better suit the needs of the standards community.
 - This is based on feedback received from the participants in the March 2022 virtual simulation that was provided to new and emerging professionals
- ANSI and the CoE would welcome sponsors to help fund standards simulations in 2023

ANSI Group Collaborations

- It was announced in the May 2022 NPAG meeting that the CoE has created a formal program for collaboration between the CoE, OMF, GMF, and CMF
- This program will increase communication and collaboration between the groups through exchange of information and updates on activities
- Liaison representatives are:
 - Muhammad Ali – CoE/CMF
 - Mary Jo DiBernardo – CoE/GMF
 - Ed Mikoski – CoE/OMF
- The next CoE meeting will be scheduled for late November/early December and will include an update from each liaison

ANSI CoE/CMF Educational Speaker Hub

- As a result of collaboration between ANSI CoE and ANSI CMF, an internal speaker hub has been created as an internal resource for ANSI CoE academic institutions to reach out to industry standards leaders interested in speaking to Students regarding Standards and Conformity Assessment.
- Few speaker names have been received already.
- Once there are enough names, ANSI CoE is going to also promote this externally on ANSI website.

CoE/SES Collaboration

- It was also announced at the May 2022 NPAG meeting that the CoE is collaborating with SES
- A group of representatives met and discussed a possible mentorship-like program
 - The group has not determined exactly how this program will work and there are many different ideas being explored
 - Some ideas are to create groups of emerging professionals and have one or two seasoned professionals at the head of that group to guide them
 - This structure will allow the emerging professionals to have guidance as well as contacts to talk to that are going through the same stages of learning
 - Talks between the CoE and SES continue and a status report will be provided at a subsequent NPAG meeting.

Resources

- <https://www.ansi.org/education/activities/standards-student-programs>
- For Students
 - Internships
 - Free e-learning courses
 - Simulations/workshops
 - Paper Competition
- For professors:
 - Membership on Committee of Education
 - Networking opportunities
 - Access to ISO and IEC standards for use in the classroom (University Outreach)
 - Free e-learning courses
 - Standardization case studies
 - Guest lecturers

Contact Information

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