

## 2018 MIND Call for Papers

The Minorities in Engineering Division (MIND) of the American Society for Engineering Education (ASEE) invites submissions for the 2018 ASEE Annual Conference. Representatives from academia, industry, nonprofits, and government are encouraged to submit abstracts for *papers, special sessions, workshops, or other* based on, but not limited to, the topics below.

Abstracts must be submitted no later than the deadline printed on the ASEE website and authors must clearly indicate the paper type in the title of the submission.

### **Topics**

The following topics are of particular interest to the Minorities in Engineering Division for the 2018 ASEE Annual Conference:

- Policy implications (i.e., Title IX, gender pay equity, sexual harassment, affirmative action) of research, outreach, and initiatives that focus on broadening participation of underrepresented ethnic groups in engineering,
- Integrating social justice into curricular and co-curricular activities by acknowledging the social and technical impact engineering education can have on our communities and that open possibilities for social justice movements to help shape engineering and engineering technology,
- Promoting inclusivity in the engineering classroom through social media (e.g., #LookLikeAnEngineer, #BlackMindsMatter), and
- New research and trends related to underrepresented groups (e.g. Women of Color, Latinos/Hispanics).

As always, MIND also welcomes the following:

- Black/African Americans, Native Americans/Pacific Islanders, LGBT, veterans, persons with disabilities) in engineering.
- Examples of practitioners and researchers working in collaboration to advance the participation of underrepresented populations in engineering,
- Establishing metrics for studying non-cognitive factors and their impact on pursuit and persistence in engineering among underrepresented groups across the K-20 continuum (submissions that do not explicitly address underrepresented populations are better suited for the ASEE Pre-College Division),
- Attracting young minds through outreach and recruitment of underrepresented engineering students, including underrepresented students in precollege settings,
- Innovative retention and development programs for undergraduate engineering students, including bridge and cohort programs
- Innovative methods to engage underrepresented groups in engineering and engineering technology,
- Issues related to recruiting, building, and enabling diversity in undergraduate and graduate engineering education (calling special attention to partnerships between majority and minority serving institutions),

## 2018 MIND Call for Papers

- Recruitment and development of underrepresented faculty and administrators (including issues related to effective mentoring, promotion & tenure, senior leadership), and
  - Other relevant MIND topics.
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### ***Paper Submissions***

Manuscripts that further MIND and address topics related to underrepresented populations in engineering and engineering technology.

1. ***Evidence-Based Research (EBR)***: EBR submissions must describe completed analyses and discussion of results. Submissions are related to the topics listed above, complete with research questions, a framework, and a literature review that situate the results within the existing body of literature.
  - i. **Required Addition to Title**: At the end of title, “(EBR).” For example: Social Media Activism and the Unconventional Assessment of Engineering Professional Skills (EBR).
  - ii. **Presentation Style**: Papers accepted in this category will be assigned either as an oral presentation or as a poster session. Authors must specify if poster session is preferred.
2. ***Research Papers (Research)***: Research submissions are essential to growing MIND. These submissions are driven by the desire to expand knowledge regarding underrepresented populations in engineering and engineering technology education. Must include relevant prior work, methodology, and research results.
  - i. **Required Addition to Title**: At the end of title, “(Research).” For example: Social Media Activism and the Unconventional Assessment of Engineering Professional Skills (Research).
  - ii. **Presentation Style**: Papers accepted in this category will be assigned either as an oral presentation or as a poster session. Authors must specify if poster session is preferred.
3. ***Experience Reports (Experience)***: Experience reports are not research papers; their goal is to present experience, reflections, and share details of implementation and evaluation results of programs or curriculum. Strong experience reports discuss both benefits and drawbacks of the approaches used and clearly call out lessons learned.
  - i. **Required Addition to Title**: At the end of title, “(Experience).” For example: Social Media Activism and the Unconventional Assessment of Engineering Professional Skills (Experience).
  - ii. **Presentation Style**: Papers accepted in this category will be assigned either as an oral presentation or as a poster session. Authors must specify if poster session is preferred.
4. ***Work in Progress (Work In Progress)***: Work in progress submissions are in early stages and should describe an innovative study or program for which preliminary data and results are available.

## 2018 MIND Call for Papers

- i. **Required Addition to Title:** At the end of title, “(Work in Progress).” For example: Social Media Activism and the Unconventional Assessment of Engineering Professional Skills (Work in Progress).
- ii. **Presentation Style:** Papers accepted in this category will only be assigned as a poster session.

### ***Special Sessions***

Submissions are encouraged for sessions with non-traditional formats occurring during the regular conference program. Special Sessions should have explicitly stated goals and describe the format for the session in detail. Special Sessions can include, but are not limited to panels, distinguished lectures, and cross-division collaborations. Research papers are not required. Workshop proposals are not submitted through monolith. Please submit a special session proposal to [rlwilliams@pvamu.edu](mailto:rlwilliams@pvamu.edu) that contains the following:

- Background/Purpose
- Goals/ Objectives
- Qualifications of those planning/leading session
- Anticipated outcomes

The MIND Program Committee will review all special session proposals.

### ***Workshops***

Workshop ideas submitted to MIND must provide attendees with an opportunity to gain hands-on experience in topics related to underrepresented populations in engineering and engineering technology. Workshop proposals are not submitted through monolith. Please submit a workshop description to [rlwilliams@pvamu.edu](mailto:rlwilliams@pvamu.edu) that contains the following:

- Background/Purpose
- Goals/ Objectives
- Qualifications of those planning/leading workshop
- Anticipated outcomes

The MIND Program Committee will review all workshop proposals. **Annual workshop presenters are responsible for convention costs associated with their workshop.**

### ***Other***

If you have an idea that may be of interest to MIND, but does not fall into one of the above categories, please contact the 2018 Program Chair, Rochelle L. Williams, ([rlwilliams@pvamu.edu](mailto:rlwilliams@pvamu.edu)) prior to submitting an abstract to determine best course of action.