

ASEE 2016
FIRST-YEAR PROGRAMS DIVISION CALL FOR PAPERS

The First-Year Programs Division (FPD) seeks paper and workshop proposals on topics related to FPD's primary objectives, i.e., scholarly work relating to educational activities associated with first-year engineering students, including freshman and transfer students

There are two types of submissions: Paper and Workshop.

Paper Submissions:

- **Work-in-Progress (WIP)** – New this year; studies at an early to intermediate stage for which authors are seeking feedback from the community. All WIP papers will be assigned to poster sessions to facilitate discussions.
- **Research:** New findings, situated in the context of prior findings and models, including motivation and background of the work, methods, results, and implications of the work and/or future directions for research.
- **Theory:** Reviews, meta-analyses or other theory-focused work, situated in the context of previous literature to reveal relationships, patterns or models, or extend existing theories. Theory abstracts should address the motivation and background of the work, theoretical framework(s) and sources, and significance.
- **Evidence-based Practice:** Analysis of one or more engineering education practice, including teaching approaches, uses of instructional technologies, institutional strategies to support student success. These abstracts should include design rationale, assessment methods, evidence of effectiveness, and/or achievement of desired outcomes.

Workshop Submissions:

- Full-day or half-day sessions on the Sunday of the conference. Workshops provide attendees an opportunity to learn about a topic in depth and ways to apply the knowledge to their own settings.

Traditional topics of interest to first-year programs include those listed below, but may include *other topics* you feel would be of interest to the FPD community.

- Advances in engineering education research as it applies to the first-year experience;
- Retention and learner support strategies for first-year students;
- Innovative approaches to first-year engineering education;
- Integrated contextual and practice-oriented curricula for the first year;
- Project-based and hands-on courses and/or related teaching activities;
- Retention strategies and programs;
- Aspects of programs, course materials, and engineering education that address diversity;
- Pre-college programs and experiences, as well as linkages with K-12 education;
- Linkages with two-year, transfer prep, and junior college institutions;
- Integrating engineering design into the first year;
- Insights into teaming, group work, and team/member assessment;
- Creative problem-solving courses and/or related teaching activities;
- Instructional use of computers and computer software; and
- Programs to assist engineering students in making the secondary-to-college transition, such as advising, student services, orientation, and other engineering student development programs

It is expected that the author(s) of a submission will support the Division by participating in the reviews of both abstracts and manuscripts submitted for the Annual Conference.

GUIDELINES FOR SUBMISSION

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Abstracts and Papers

Due to the competitiveness of publication in the First-Year Programs Division, the quality of a submitted abstract is of the utmost importance. The abstract should contain sufficient information to enable reviewers to determine its suitability for presentation in the FPD. Therefore, abstracts must meet the following four (4) minimum requirements to be considered:

1. **YOU MUST INCLUDE THE TYPE OF PAPER YOU ARE PROPOSING IN THE FIRST SENTENCE OF YOUR ABSTRACT** (e.g., “This work in progress describes a ...”, “This research paper describes ...”)
2. Abstracts should follow the ASEE Abstract Format guidelines (<http://www.asee.org/conferences-and-events/conferences/annual-conference/2016/papers-management/for-authors>).
3. FPD customarily uses **detailed abstracts** for the abstract review process. Detailed abstracts are generally one full page of text (600-750 words maximum) and include the following: a motivation, a brief background on the problem being addressed or the theory being used to address a problem, methods/assessment, and results (or anticipated results). You may include a second page if you wish to include relevant images or tables that you believe will aid the reviewer’s understanding.
4. **The abstract submission and review processes are blind.** Do not include the names of authors or of institutions anywhere in the abstract or its headings, in any figures/images or references provided, or in the file name or document properties.

Authors of accepted abstracts will be required to submit a full paper manuscript (for any of the four paper types) that meet ASEE Paper Format guidelines (<http://www.asee.org/conferences-and-events/conferences/annual-conference/2016/papersmanagement/for-authors>). Papers will be evaluated using criteria within each type as listed above, and the general criteria in the list below. A paper that fails to meet all of the criteria may still be considered acceptable based on its contribution to the goals and objectives of the First-Year Program Division. Other evaluation criteria for all paper types follow:

- The manuscript is complete;
- The scholarly work is likely to be of interest the first-year/transfer student community;
- The work builds upon relevant references and bodies of knowledge;
- The findings or ideas presented are generalizable or transferable to other settings;
- The study is original and innovative;
- The study advances the FPD community knowledge or understanding of first-year/transfer students and their experiences; and
- The manuscript is clear and coherent.

As stated above, WIPs will automatically be assigned poster sessions. Non-WIP papers may be recommended for posters sessions during the full manuscript review process.

Workshop Proposals:

Proposals for Workshops submitted through the First-Year Program Division should be sent directly to the FPD Program Chair (imbrie@tamu.edu). Workshop proposal **SHOULD NOT** be submitted through the Monolith system. **The deadline for submitting workshop proposals is October 9.** Proposals selected by FPD will be forwarded for further consideration by ASEE, which makes the final decision. Acceptance of a workshop proposal by FPD does not guarantee that it will appear in the final program. Workshop proposals should include the following information:

- A description of the session, including its purpose, format, learning goals, content, and activities;
- A schedule (i.e., something describing the general flow of the half/full-day workshop);
- A list of presenters/facilitators and their contact information, along with a brief justification for their ability to successfully accomplish the stated goals.

If the workshop is approved by FPD reviewers, it is then submitted to ASEE. The submission to ASEE will include additional information such as estimated attendance, estimated ticket cost, and responsible party to subsidize the expense if tickets don't cover the entire cost of the event: ASEE charges for the room, expected food and beverage requests, and audio-visual needs.

For more information, please contact the FPD 2016 Program Chair:

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