

Abstract # M-10-1061

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Abstract: Workshop: Effective Assessment as a Tool to Develop and Enhance WIE/WISE Programs

Assessment is a key to developing, reporting and funding Women in Engineering Program activities. It promotes effective programming and provides crucial tools for improving and justifying activities. However, most Program Directors and Coordinators lack time or training to design and implement good assessment.

We propose to provide half-day learner centered training session to address this need by introducing administrators for Women in Engineering and other similar programs to key assessment strategies, methodologies and tools. The audience for this workshop is engineering administrators and faculty who work with mission driven recruitment and retention programs.

The workshop objective is to introduce via hands-on activities, the skills of assessment planning and implementation. This includes:

- *Development of measurable objectives
- *How to relate assessment instruments to objectives and planning
- *Understanding the different types of assessment
- *Implementing assessment
- *Effective data collection and use *IRB processes and requirements.

The facilitators, who are PIs for the NSF AWE (Assessing Women in Engineering) grant, will also review instruments and activities that are developed or underdevelopment.

Participants will receive pre-work from the facilitators and will have the opportunity to work on the development of instruments tailored to specific activities for use at their home institutions.

The expected result is that participants will come away a better understanding of assessment planning and implementation and a familiarity with commonly used methodologies and tools.