MAUREEN BIGGERS
INDIANA UNIVERSITY
Things You Can Do a la NCWIT

- Top 10 Ways You can Retain Students in Computing
- SEM Survey
- Join the Academic Alliance
- Regional Aspirations in Computing Award for high school girls
- [http://www.ncwit.org/resources.res.html](http://www.ncwit.org/resources.res.html) - Workbooks and Guides, Programs in a Box
Set a goal and engage the community

Results:

- Doubled # of women in Intro course
- Doubled # of women majors in 18 months
- Gains continuing
IU Diversity Resources

http://www.soic.indiana.edu/community/exemplar-repository.shtml

- Day 1 Survey
- Own Your Awesome Brochure
- Strategic Blueprint for Diversity
- Inclusive Classroom Environments
- Chilly Climates
- AI/TA Training workshop slides
- Indiana Aspirations Regional Award materials
- More…
ANN Q. GATES
UNIVERSITY OF TEXAS-EL PASO
• PLTL students were more likely to complete gate-keeper courses
  • 13% increase in female student completion;
  • 6% increase in Hispanic student completion, statistically significant
• PLTL students have access to role models and support in PLTL courses
• Peer leaders gained teaching, communication, and leadership skills
An ARG is a non-hierarchical model that promotes:

- Cooperative team interaction
- Deliberate and intentional development and practice of skills
- Recruitment of students who may not normally be involved in research

Based on situated learning theory

- Influenced students educational aspirations (79% more interest grad school)
- Presented a paper or poster at three times the national rate
- 23%-41% female participation
Attraction waters

Of UW CSE’s new majors this past fall, 52%, upon enrolling in CS-1, had “Strongly Disagreed” or “Disagreed” that they intended to become a major! Only 27% had “Agreed” or “Strongly Agreed”!

- Entirely undergraduate TAs, nearly 40% of whom are women
- Supplementary “women’s seminar”
- An “honors section” that attracts a high proportion of women
- Targeted encouragement of high-performing women
- Admission of high-performing students to the major without completing pre-requisites
- Being open to double majors, and to students who find CSE late in their academic careers or post-bac
Also …

- Community-building
  - Mentorship program
  - ACM-W
  - Hopper

- Outreach
  - Inspirational Teachers
  - CS4HS
  - Outreach team
  - YouTube videos

- NCWIT Pacesetter School
BOBBY SCHNABEL
INDIANA UNIVERSITY
What Leaders Can Do

- Articulate Values
- Lead Strategy
- Hire and Empower Excellent People
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