

Convincing Faculty

Eckhard A. Groll

Professor of Mechanical Engineering
Director of the Office of Professional Practice

Purdue University,
School of Mechanical Engineering
West Lafayette, IN 47907, USA



Office of
Professional Practice



GEARE

Global Engineering Alliance
for Research and Education

Convincing Faculty

- Roles of Faculty

- » Student recruiter
- » Fund raiser
- » Faculty-lead program instructor
 - E.g., Maymester course
- » Host of summer research experiences
- » Taking sabbatical at international partner university
 - Easier if research link can be established
- » Academic advisor
- » Industry liaison

Convincing Faculty

- Incentives for faculty:
 - » Changes life and career opportunities of students
 - Eye-opening experience for students
 - » Access to outstanding students
 - Recruitment for graduate school
 - » Counted towards service requirements
 - » Counted towards teaching requirements
 - » Looks great on award nominations
 - » Looks great on applications for administrative opportunities

Convincing Faculty

- Tenure and Promotion to Associate Professor:
 - » My personal recommendation: Do not get too involved in global programs when “working” on tenure
 - Most research university do not necessarily value global contributions towards tenure
 - » However, some universities are changing:
 - Contributions to diversity is already Purdue requirement towards tenure
 - Contributions to globalization (big part of Purdue’s strategic plan) will become requirement towards tenure
- Promotion to Full Professor:
 - » Can be helpful by providing recognition/references from professors at global partner universities

Convincing Faculty

- The “10 – 80 – 10” Model:
 - » In large departments (Purdue ME has 60 faculty):
 - 10% of faculty are strong supporters
 - 80% of faculty to a large extent do not care
 - 10% of faculty are opposed
 - » Identify the 10% who support you
 - Use them to build programs
 - » Do not waste time and energy on the 10% opposing
 - » Spend some time and energy on convincing the majority in the middle to support you when it comes to faculty voting on programs