

Finding Faculty Support in Research Mobility

An Introduction to the Practical Research Experience Program (PREP)

2017 Global E3 Annual Meeting

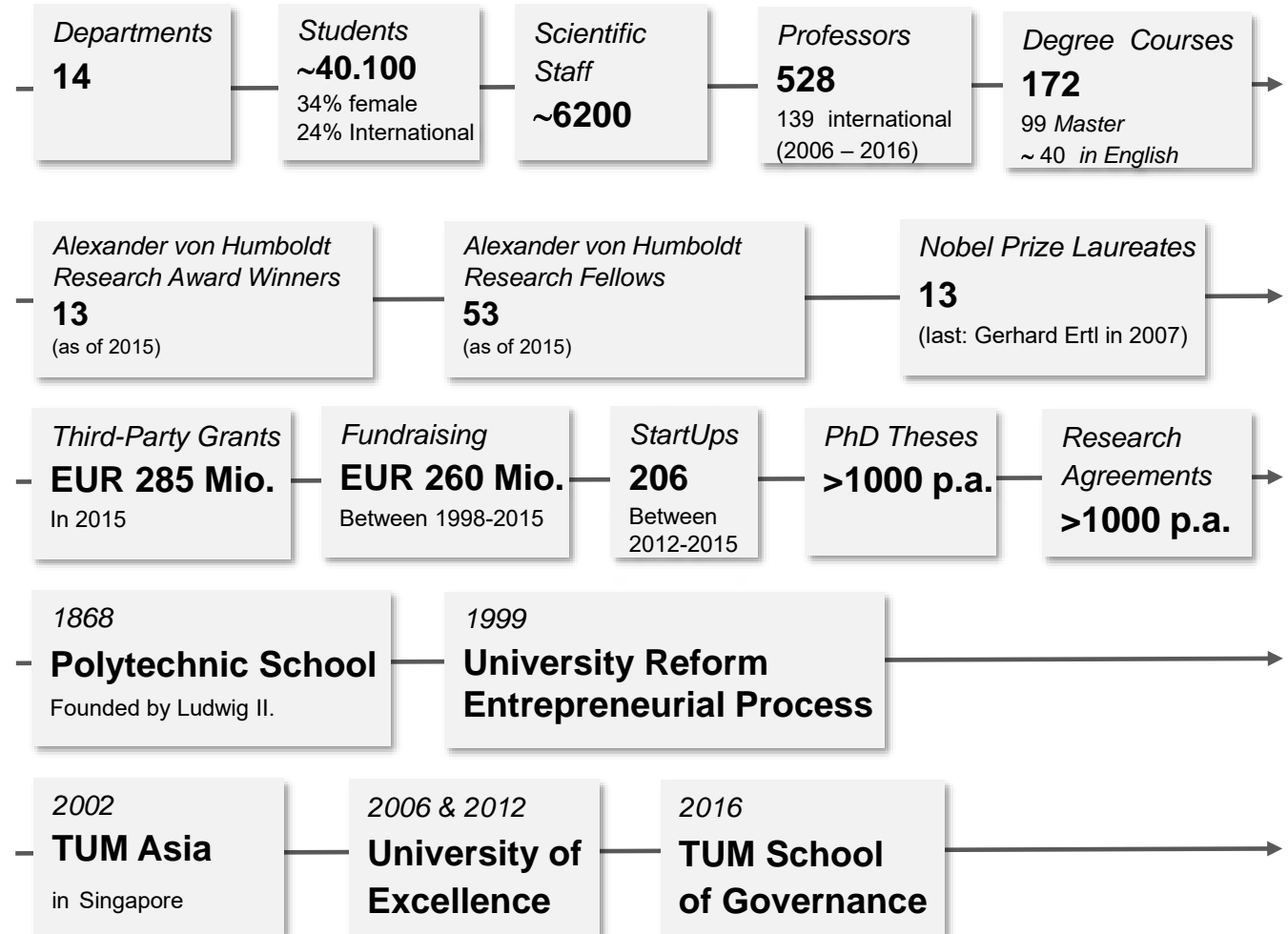
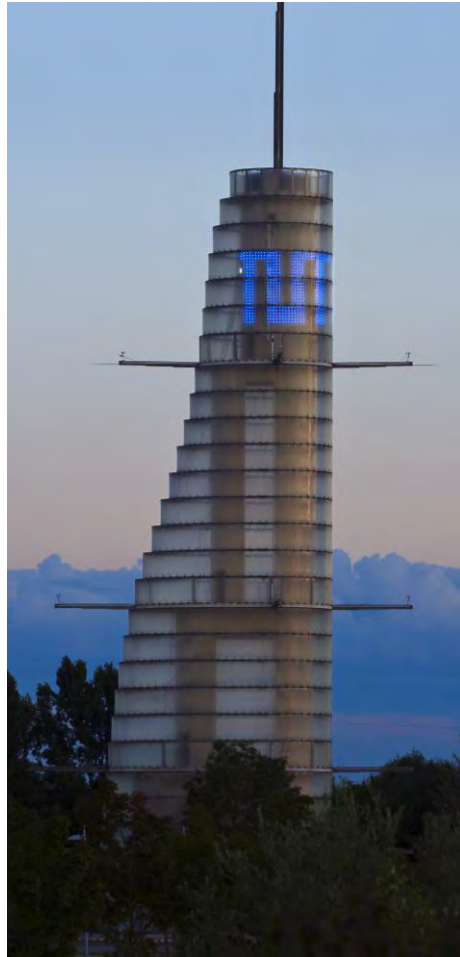
Larissa Danschina

TUM International Center

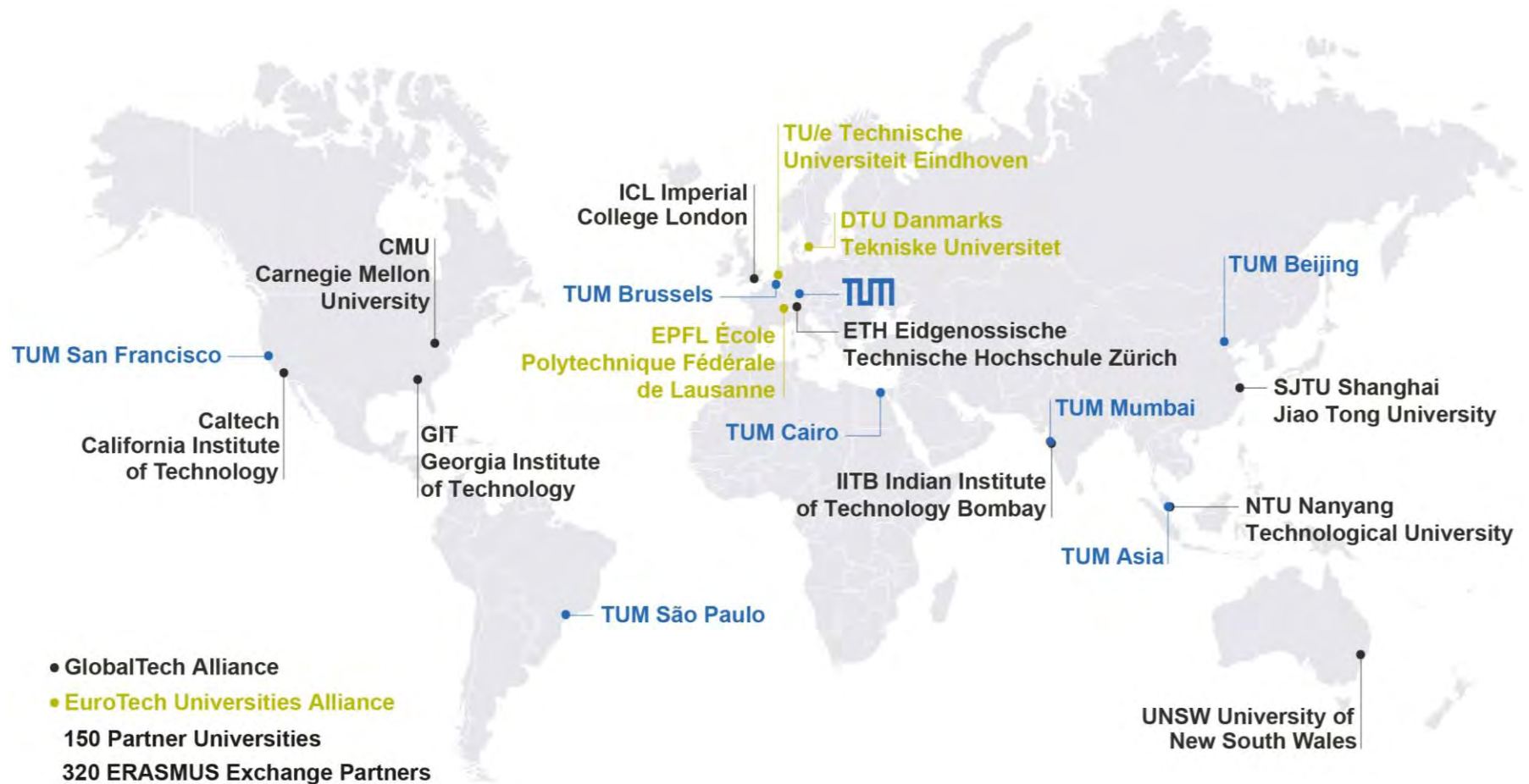
May 26, 2017



TUM Key Data International Engagement



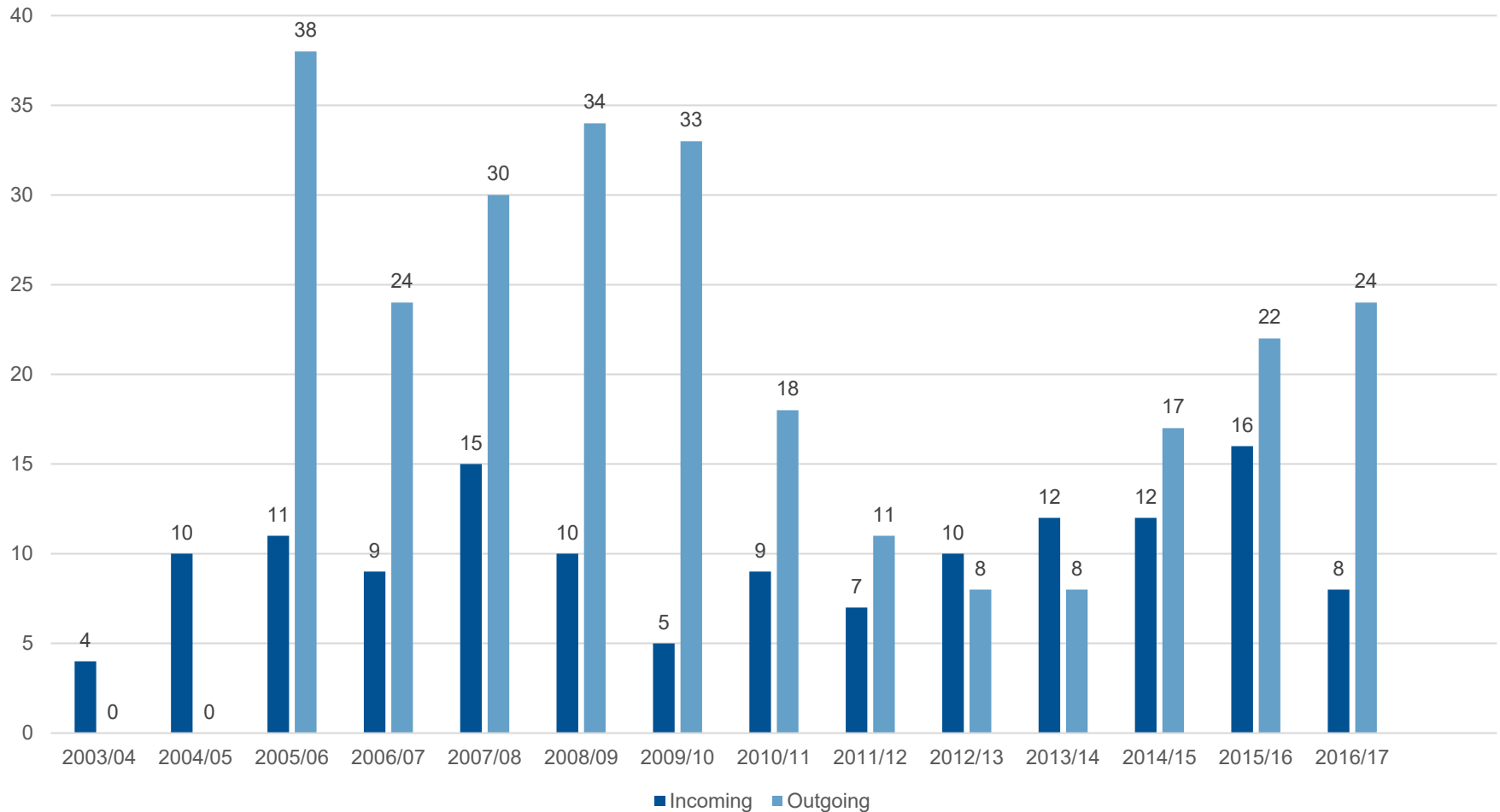
TUM Global



North American Partner Institutions



Exchange Mobility with the United States



The Practical Research Experience Program (PREP)



(Image: Astrid Eckert / TUM)

Guiding Questions

- How can faculty members be convinced to buy into devising research-oriented mobility formats?
- Why should these programs be tied to partners within international networks and alliances?
- How may these formats help instill a heightened sense of awareness of an institution's key partnerships that may, in turn, trigger further faculty support for other international programs?

Selling Points

- Faculty member's 'natural' interest to expand, cultivate and deepen his or her international collaborations, and to recruit excellent students to his or her academic program or for local research purposes
- The significance of a well-structured, yet lean consultation process
- The confinement of the program to students of specific partner institutions (e.g. in the framework of strategic alliances or networks)

Program Overview (I)

Goals:

- Facilitating research experiences at TUM & in the middle of Munich's technology and innovation hub
- Strengthening international research collaborations between faculty members
- Creating international opportunities for excellent North American students
- Providing support services to program participants



Program Overview (II)

Concept:

- Structured research internship program
- For select North American partners only
- Timeframe: 11 weeks in summer (Pilot: May 29 – August 11, 2017)
- Pilot: 19 excellent students



Central Services Provided by TUM:

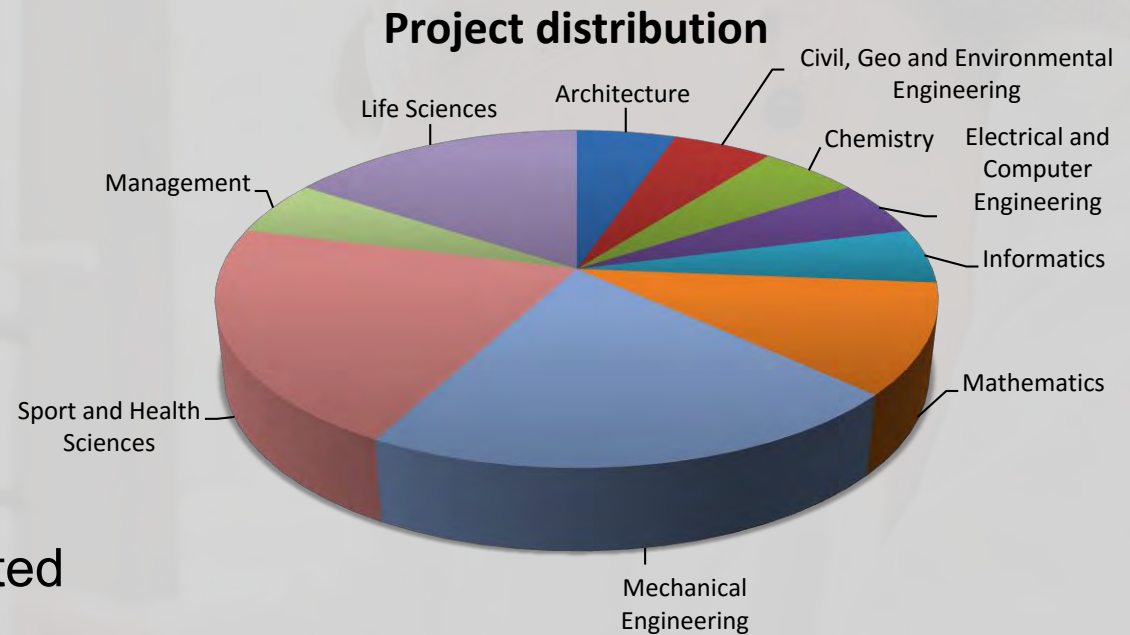
- Scholarship
- Accommodation (student dorm)
- Cultural immersion and orientation program (industry visits, excursions, local activities etc.)
- Administration via PREP Program Manager (TUM International Center)

Candidate prerequisites:



- At least 2 years of undergraduate study completed (upon arrival to TUM)
- GPA of 3.0 or better
- Project-specific Skills (e.g. completion of specific courses)
- No German skills required

PREP 2017



19 participants matriculated
from **9 North American universities**

MIT | UC Berkeley | University of British Columbia | University of Texas at Austin | Yale | Duke University | University of Wisconsin, Madison | Georgia Tech | University of Alberta

45 projects at **10 TUM faculties**

32 applications

PREP Outlook: Intended Goals

- Expand PREP to advanced graduate students interested in TUM PhD programs
- Increase the number of participants:
 - further accommodation possibilities
 - further funding possibilities
 - extended package only for priority partners
- Offer two slightly different program periods (include quarter system universities)
- Expand PREP to further regions (Australia, New Zealand etc.)
- Create mutual exchange opportunities
- Include industry placements in the program

Thank you very much for your attention

www.international.tum.de/prep



(Image: davis – Fotolia)