



# Collaborative Research Opportunities in China

**Tingrui Pan, Ph.D.**

***Micro-Nano Integrated System Laboratory (MiNIsys Lab)  
Biomedical Engineering, University of California, Davis***



# International Collaborations



- **Interdisciplinary Research Interests**
  - Micro-Nano-BioEngineering (BME, EE, ME, ...)*
- **International Collaborations**
  - Beijing University (TP)*
  - EPFL (CD)*
- **Global Research and Education Opportunities**
  - Exchange Scholars*
  - Summer Internship*
- **University Outreach and International Programs**
  - We are funded by College of Engineering and UOIP*

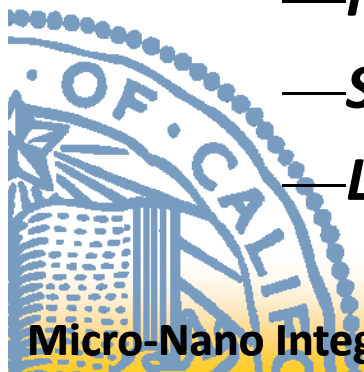
# International Collaborations



- **1<sup>st</sup> UC Davis-Beijing U Research Symposium**
  - UC Davis 10 labs, > 40 faculty and students*
  - Beijing U 4 labs, 4 exchange students*
- **Exchange Graduate Research Program**
- **Invited Research Talks in Beijing and Tsinghua U**
- **Development of Mutual Interest into Research Projects (NSFC and 863)**
- **Co-Organize an International IEEE-NEMS 2012 Conference**

# CSC Research Fellow

- **China Scholarship Council (CSC)**
  - *Under the Ministry of Education*
  - *Sponsor joint doctoral students since 2007*
- **Recruiting Process**
  - *Initiate research collaboration with PIs in China*
  - *Advertise research opportunities to their students*
  - *Each universities and colleges have their allocations*
  - *Internal nomination processes (December – January)*
  - *Final review and approval from CSC (March – April)*
  - *Student Arrival (September – October)*
  - *Length of Stay (12 – 24 months)*



# CSC Research Fellow



- **Considerations**

- *Salary and living expense (CSC covers \$1,000 - \$1,100/mo, minimal living expense in Davis is \$1,500 - \$1,600/mo)*

- *Education Enrollment*

- Can they formally enroll in any UC classes with tuition and fee waived?*

- *Diploma and Certification*

- Can they receive any formal diploma and certifications from the university level?*

- *Joint Research Publication*

- Some school has certain joint publication requirements*



# Acknowledgement

## UC Davis

- Cristina Davis (ME)
- David Horsley (ME)
- Saif Islam (EE)
- Rick Kiehl (EE)
- Alex Revzin (BME)
- Valeria La Saponara (ME)
- Scott Simon (BME)
- Frank Yaghmaie (NCNC)

## Beijing University

- Zhihong Li (IME)
- Alice Zhang (IME)
- Weigang Wu (IME)
- Wei Wang (IME)
- Hao Wang (CoE)

## Tsinghua University

- Ying Dong (PE)
- Zewen Liu (IME)
- Xiaohong Wang (IME)