Junior Nanotech Network (JNN) 2010
Illinois, USA (Urbana-Champaign) – Germany (Munich/Augsburg)

Scientific Organizers:
Philip Tinnefeld & Jens Michaelis (LMU Munich and CeNS)
Taekjip Ha & Klaus Schulten (UIUC and CPLC)

Program Coordinators:  Jaya Yodh (CPLC) & Marie-Christine Bluem (CeNS)
JNN Participants

JNN Participants (UIUC) = Illinois student host; all others German students

Bottom Row (l-r): Jaya Yodh (CPLC Outreach Director), Jeehae Park (UIUC), Helen Hwang (UIUC), Nikolaus Naredi-Rainer, Johan Strumpfer (UIUC), Ankur Jain (UIUC)

Middle Row (l-r): Kyung Suk Lee (UIUC), Wolfgang Kügel, Christian Osseforth, Markita Landry (UIUC), Stefan Stahl, Björn Hellenkamp

Top Row (l-r): Johannes Stigler, Stephan Heuke, Rogan Carr (UIUC), Chaitnaye Sathe (UIUC), Ingo Stein, Brendan Osberg
JNN Illinois Peer Training: Fleezers Station

- **Kyung Suk Lee**, Grad student (Ha Lab)
- **Topic:** Single-Molecule Fluorescence combined with optical trapping
JNN Illinois Peer Training: Optical Trapping Station

- **Markita Landry**, Grad student (Chemla Lab)
- **Topic**: Optical Trapping Study of ssDNA binding protein-DNA interactions.
JNN Illinois Peer Training:
Single-Molecule Fluorescence Stations

- **Jeehae Park**, Grad student (Ha Lab)
  - **Topic**: smFRET experiment to observe helicase translocation

- **Ankur Jain**, Grad student (Ha Lab)
  - **Topic**: Single-Molecule Immunoprecipitation

- **Helen Hwang**, M.D./Ph.D. student (Myong Lab)
  - **Topic**: Characterization of sm protein-induced fluorescence enhancement (PIFE)
JNN Illinois Peer Training: Theory Station

(1) **Chaitnaye Sathe**, Grad student (Schulten Lab): **Topic**: Molecular Dynamics studies of water permeation through Carbon Nanotubes

(2) **Johan Strumpfer**, Grad student (Schulten Lab): **Topic**: Molecular Dynamics studies of force-extension of deca-alanine

(3) **Rogan Carr**, Grad Student (Aksimentiev Lab): Molecular dynamics studies of nanotechnological devices in biological systems, and biological molecules in nanotechnological systems.
Cultural/Recreational Activities
Champaign-Urbana, IL
Cultural/Recreational Activities
Chicago, IL
Cultural/Recreational/Scientific Activities
St. Louis, Missouri

1st Annual Midwest Single-Molecule Meeting
Washington University
St. Louis, MO
July 26-27, 2010