

18th Annual Fred S. Grodins Graduate Research Symposium

April 5, 2014 (Saturday)

USC Radisson Hotel

3540 S Figueroa Street, Los Angeles, CA 90007

(213) 748-4141

Schedule of Events

- 8:00 AM** **REGISTRATION & BREAKFAST**
- 8:50 AM** **WELCOME**
- 9:00 AM** **PODIUM SESSION 1**
Adriana Vest (9:00AM - 9:20AM)
Closed-loop recharging system for a fetal pacemaker
Ruchi Deshpande (9:20AM - 9:40AM)
A decision support system for radiation therapy treatment planning
Patjanaporn "Sang" Chalacheva (9:40AM - 10:00AM)
Autonomic control of peripheral vascular resistance in sickle cell anemia
- 10:00 AM** **COFFEE & POSTERS**
Group 1 : **Imaging**
Group 2 : **Biosystems and Signals**
Group 3 : **Cell and Tissue Engineering**
- 11:10 AM** **PODIUM SESSION 2**
Sadaf Soleymani (11:00AM - 11:20AM)
Modeling hemodynamic effects of hypoxia on subjects with PDA
Kevin Ma (11:20AM - 11:40AM)
A web-based DICOM-SR viewer for CAD data of multiple sclerosis lesions in an imaging informatics-based eFolder
- 11:50 PM** **NETWORKING LUNCH**
- 1:00 PM** **PODIUM SESSION 3**
Steffen Eikenberry (1:00PM - 1:20PM)
A hierarchy of mathematical models for the immune response in sepsis
Curtis Lee (1:20PM - 1:40PM)
Matrigel as a neurotrophin drug delivery matrix
- 1:40 PM** **COFFEE & POSTERS**
Group 4 : **Neuroengineering**
Group 5 : **Devices and Diagnostics Technology**
- 2:40 PM** **DEPARTMENT CHAIR ADDRESS**
Professor Norberto Grzywacz, PhD
- 2:55 PM** **PANEL: Life Beyond the PhD**
Claudia Aguirre, PhD (USC Neuroscience)
Kevin Grazier, PhD (UCLA Space Physics)
Christian Gutierrez, PhD (USC Biomedical Engineering)
Manish Kurse, PhD (USC Biomedical Engineering)
Ude Lu, PhD (USC Biomedical Engineering)
- 3:55 PM** **AWARDS**
- 4:20 PM** **CONCLUSION**