



**ENDOUROLOGY SOCIETY
2013 Summer Student
Scholarship**

The Endourology Society is pleased to announce the following recipients of this year's **2013 Summer Student Scholarship**:

1. **Michael Glamore**
University of Miami Miller School of Medicine
Mentors: Raymond Leveillee, M.D. and Nelson Salas, M.D.
Project: "Development of a Thermal Model for Radiofrequency Ablation with Pyelo-Perfusion"
2. **Alexandra Mecklenburg**
Asklepios Klinik Barmbek
Mentor: Prof. Andreas Gross
Project: "Percutaneous Nephrolitholapaxies – An Innovative System to Fill the Renal Pelvis Retrograd"
3. **Taile Jing**
Shanghai Changhai Hopsital
Mentor: Prof. Yinghao Sun
Project: Removal of Ureteral Catheters with a Novel Noninvasive Device Safely and Economically"

Michael Glamore Experience -

I joined the Department of Endourology at the University of Miami as a medical student researcher hoping to make sure urology was the field for me. I found the ablative techniques fascinating and wanted to use my background as an engineer to help push the field forward. I landed on a project of my own that used heat transfer principles to model the temperatures during radiofrequency ablation with pyeloperfusion to cool the renal pelvis. After making this theoretical model, I then had the chance to test it against 24 ex vivo trials using porcine kidney and pyeloperfusions of cold or warm saline, or antifreeze and compare it to no pyeloperfusion. The results are fascinating and have been submitted, hopefully soon gaining acceptance for presentation at a conference and an eventual manuscript. I learned a great deal about designing a study and working with data though ultimately my greatest finding was my passion for urology which has led me to seeking a residency in the field this upcoming cycle. Without a doubt, I owe great deal to the team at the University of Miami, my mentor Dr. Leveillee and the Endourology Society as without their generous gift I would have been unable to perform the study.

Best,
Michael Glamore