THE MARY ANN LUNS福德 STUDENT SUMMER EXTERNSHIP
IN CARDIOVASCULAR MEDICINE

MEMORIAL HERMANN HOSPITAL - UNIVERsITY OF
TEXAS - HOUSTON MEDICAL SCHOOL

Attach current passport size photo here

Summer Student Externship Application – ( )
Please provide the following information (print or type) and return the completed application no later than April 1st. Externs will be selected by the committee and will be notified by the end of April. Applications may be submitted via email or surface mail. Letters of recommendation must be received by deadline via surface mail.

How would you like to be notified: Email Phone Mail

PERSONAL INFORMATION:

Full Name (Last/First/Middle): ____________________________________________
Permanent Mailing Address: ____________________________________________
Phone (with area code): ________________________________
Present Mailing Address: ____________________________________________
Phone (with area code): ________________________________
Email Address: ____________________________________________
Sex: Date of Birth: ______________ Place of Birth: __________________________
Social Security Number: __________________________
Citizenship: __________________________

EDUCATION
Current College Classification: Junior Senior Other:
Cumulative College Hours: ______ Current Overall GPA: (≥3.6) ____
Major: ______________________, Degree: __________________________

Please list all high schools/colleges attended to date:

<table>
<thead>
<tr>
<th>SCHOOL/LOCATION</th>
<th>FROM</th>
<th>TO</th>
<th>DEGREE</th>
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Please send student copy of transcript
Please briefly explain (100 words or less) why you should be considered as a summer extern.

Please list honors, awards, volunteer experience, and/or activities you have achieved.

I certify that the information provided by me in this application is complete and correct to the best of my knowledge. I understand that I am responsible for having two letters of recommendation forwarded to Dr. Smalling no later than April 1st.

Applicant Signature: ________________________________ Date: ________________

This application and all other correspondence/inquiries should be directed to the following:
Richard W. Smalling, M.D., Ph.D.
c/o Araceli Rosas
University of Texas- Houston Medical School
Division of Cardiology
6431 Fannin, MSB 1.246
Houston, TX 77030
Email: Araceli.rosas@uth.tmc.edu
Phone: 713-500-6559 or Fax: 713-500-6560
THE MARY ANN LUNSFORD STUDENT SUMMER EXTERNSHIP
IN CARDIOVASCULAR MEDICINE

DESCRIPTION

The Externship provides an in-depth exposure to all aspects of the diagnosis, treatment, and prevention of cardiovascular disease as enumerated in the attached schedule. Two six week periods with two positions each are offered (total of 4 students/summer) and a $1000 stipend is provided to each student after the externship term. The Externship is sponsored by the Division of Cardiology and the Mary Ann Lunsford Endowment Fund.

PURPOSE

The purpose of the Externship is to provide qualified students interested in pursuing a career in medicine, a broad introduction to the Memorial Hermann Hospital and The University of Texas - Houston Medical School with a focus on cardiovascular medicine.

PRE-REQUISITES:

1. A junior in college (completing the third year)
2. Seriously interested in pursuing a career in medicine
3. Possesses a 3.6 GPA or higher
4. Interested in actively participating in an intense learning experience at the cutting edge of Cardiovascular Medicine

COURSE DIRECTOR: Richard W. Smalling, MD PhD
James D. Woods Distinguished Chair in Cardiovascular Medicine

COURSE COORDINATOR: Araceli Rosas, Sr. Staff Assistant to Dr. Richard Smalling
### 1ST TERM
**MAY – JUNE**

### 2ND TERM
**JULY – AUGUST**

<table>
<thead>
<tr>
<th>DATE</th>
<th>ACTIVITY AM</th>
<th>ACTIVITY PM</th>
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<tbody>
<tr>
<td>Week 1</td>
<td>First Day Only: Orientation</td>
<td>Clinic and Research</td>
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<tr>
<td></td>
<td>CCU Rounds</td>
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<tr>
<td></td>
<td>Stress Lab</td>
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<tr>
<td>Week 2</td>
<td>CCU Rounds</td>
<td>Clinic and Research</td>
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<td></td>
<td>Echo Lab</td>
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<tr>
<td>Week 3</td>
<td>Cardiac Catheterization Lab</td>
<td>M, W, F -Cardiac Rehab T, Th - Clinic</td>
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<tr>
<td>Week 4</td>
<td>Electrophysiology</td>
<td>Consult Rounds</td>
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<tr>
<td>Week 5</td>
<td>Cardiovascular Surgery</td>
<td>Clinic and Research</td>
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<tr>
<td>Week 6</td>
<td>Cardiac Catheterization Lab</td>
<td>Clinic and Research</td>
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UT Medical School Admissions visit with the Associate Dean for Admissions, and the tour of admissions offices will be arranged during your 6 weeks here.

Introduction to Cardiac Anatomy in Gross Anatomy Lab – This will be arranged during your 6 weeks.

**RESPONSIBILITIES/OPPORTUNITIES**

- **Gross Anatomy Lab**
  - Review of cardiac anatomy and pathology

- **Stress Lab**
  - Observe stress test monitoring, learn blood pressure measurements, observe nuclear imaging procedures. Assist with patient conveyance.

- **Echo Lab**
  - Observe echocardiographic patient assessment, observe interpretation of cardiac echo. Assist with patient conveyance.

- **CCU**
  - Participate in teaching rounds in the Cardiac Intensive Care Unit

- **Cardiac Cath Lab**
  - Observe diagnostic and therapeutic catheterization procedures, angioplasty, coronary stenting, valvuloplasty. Assist in patient conveyance

- **Cardiology Consults**
  - Participate in Cardiology Ward Rounds and Consults

- **Electrophysiology Lab**
  - Observe diagnostic and therapeutic Electrophysiology procedures and pacemaker implantation. Assist in patient conveyance
<table>
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<tr>
<th>Department</th>
<th>Activities</th>
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<tbody>
<tr>
<td>Cardiovascular Surgery</td>
<td>Observe coronary bypass and valve replacement surgery</td>
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<tr>
<td>Cardiovascular Medicine</td>
<td>Assist in patient registration, learn to measure blood pressure and heart rate, assist in performing electrocardiogram tests, observe patient history and physicals, assist in organizing laboratory test results in patients' charts</td>
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<tr>
<td>Outpatient Clinic</td>
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<tr>
<td>Cardiac Rehabilitation (Hermann Wellness Center)</td>
<td>Observe rehabilitation sessions, stress management and nutrition counseling, assist in data tracking during exercise</td>
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**UT MEDICAL SCHOOL ADMISSIONS**: Orientation, tour and interviews with the Dean of Admissions

**UT MEDICAL STUDENT ADVISORY**: Informal orientation with current University of Texas Medical Students.

**Additional Educational Activities**:
- Thursdays (12-1 PM) Cardiology Grand Rounds MSB 2.135
- Thursdays (5-6 PM) Cardiac Cath Conference MSB 2.103