

## CTSN Net Program Profile Questionnaire

### PROGRAM DETAILS

1. Names of the
  - a. Program director: [Giorgio M. Aru, MD](#)
  - b. Chief(s) of cardiac division: [Walter Merrill, MD](#)
  - c. Chief(s) of thoracic division: [Walter Merrill, MD](#)
2. Program Contact information:

**Address:** [Cathy J. Humphrey](#)  
2500 North State St.  
Jackson, MS 39216-4505

**Phone:** Office: 601-984-6603  
Fax: 601-984-5110

**E-Mail:** [cjhumphrey@umc.edu](mailto:cjhumphrey@umc.edu)
3. Link to your program's website: <http://surgery.umc.edu/professionals/residency/cardiothoracic/index.html>
4. We would be happy to post relevant pictures regarding your program (3 pictures maximum).



**University Hospital  
University of Mississippi Medical Center**



**Batson Children's Hospital**  
**University of Mississippi Medical Center**



**Division of Cardiothoracic Surgery**  
**The University of Mississippi Medical Center**  
2010-2011

5. Indicate the # of residents accepted per year to your program: **1**
6. Indicate the length of the program: **2 years**
7. Does your program have separate cardiac and thoracic tracks? **no**
8. Indicate the approximate deadline for application and interview dates:
  - a. Deadline: **2/28/11**
  - b. Interview dates: **2/9/11, 2/23/11, 3/9/11, 3/30/11, 4/13/11**

### CASE VOLUME

1. Please indicate the average number of cases per year performed in your program for the following ABTS categories:

	Total Institution Cases	Total Cases per Resident
Total number of cardiac cases:	268	195
Total number of thoracic cases:	84	84
Congenital heart disease:	75	20
Acquired valvular heart:	72	40
Valve repairs:	6	4
Myocardial Revascularization:	85	80
Aorta:	8	6
Pneumonectomy, lobectomy, segmentectomy:	37	37
Esophagus resection:	5	5
Benign Esophageal Disease:	1	1
Heart transplants:	9	9
Lung transplants:	0	0
Ventricular assist device:	4	2
Minimally invasive cardiac:	0	0

### CURRICULUM

1. Details of curriculum:
  - a. Indicate the # of months on each rotation for each year (for each cardiac and thoracic track if applicable), and which hospital(s):

#### Year 1

Period	July	August	September	October	November	December	January	February	March	April	May	June
Site	UMC/VA	UMC/VA	UMC/VA	UMC/VA	UMC/VA	UMC/VA	UMC/VA	UMC/VA	UMC/VA	UMC/VA	UMC/VA	UMC/VA
Service	Thoracic	Thoracic	Thoracic	Thoracic	Thoracic	Thoracic	Thoracic	Thoracic	Thoracic	Cardiac	Cardiac	Cardiac
Inpatient / Outpatient	I/O	I/O	I/O	I/O	I/O	I/O	I/O	I/O	I/O	I/O	I/O	I/O
Exposure	Pulm/A	GI Lab	Thoracic	Thoracic	Thoracic	Thoracic	Thoracic	Thoracic	Thoracic	Echocardio	Cath Lab	Endovasc

#### Year 2

Period	July	August	September	October	November	December	January	February	March	April	May	June
Site	UMC	UMC	UMC/Batson	UMC/Batson	UMC	UMC	UMC	UMC	UMC	UMC	UMC	UMC
Service	Cardiac	Cardiac	PEDS CT	PEDS CT	Cardiac	Cardiac	Cardiac	Cardiac	Cardiac	Cardiac	Cardiac	Cardiac
Inpatient / Outpatient	I/O	I/O	I/O	I/O	I/O	I/O	I/O	I/O	I/O	I/O	I/O	I/O
Exposure	Transplant	Transplant	Congenital	Pacemaker	Cardiac	Cardiac	Cardiac	Cardiac	Cardiac	Cardiac	Cardiac	Cardiac

- b. Please describe any opportunities for electives: **Residents who develop a focused interest in one area or another may alter their schedules to achieve additional experience in that area. Rotations at other institutions may be arranged depending upon resident interest and career goals.**

- c. Please describe any wet labs and simulation technology used in training and how frequently these are used: Four times a year we have a wet lab focusing on valve implantation in the aortic and mitral positions and valve repair as well as coronary revascularization.

The Department of Surgery has a Simulation Center that was established in 2003. It affords all surgical residents 24-hour access year round. State-of-the-art laparoscopic and endoscopic simulators are available. Residents are proctored and progress at their own pace through the minimally invasive surgery curriculum, with operative opportunities linked into their simulator skills progression. A large textbook, CD-ROM and Video/DVD library of all laparoscopic techniques and procedures are available in the Surgery Simulation Center.

- d. Please briefly describe the number and type of weekly conferences residents are expected to attend: On Monday morning, Review of Chapter from a major textbook and review of information provided in the TSDA weekly curriculum. On Wednesday morning participation in the General Surgery M&M and Grand Rounds. On the third Thursday of the month at 3:00 pm, M&M for the Division of Cardiothoracic Surgery. Weekly multidisciplinary lung conference at University and at VA, cardiology-cardiac surgery joint conference twice weekly, and congenital cardiac conference twice weekly.
- e. Please indicate what provisions are made for attending national research meetings (i.e., # per year for which funding is provided, and if that is dependent on presenting an abstract): Each resident is allowed to attend one national meeting of his/her choice each year as long as they are in good standing within the residency program. In addition, the Department of Surgery supports each resident who is in good standing within their residency program and who has an accepted abstract for oral presentation to receive reimbursement in full for the meeting.
- f. Please describe opportunities for research (clinical, basic science): There are numerous opportunities to perform clinical or basic science research with supervision by one or more of the attending faculty. Each year, we anticipate that papers will be published by residents and/or medical students in major national journals.
- g. Please describe the call structure (i.e., frequency, in-house vs. home call): There is no in-house call by the residents, but the resident is expected to promptly respond from home to questions from the nursing staff or other residents.
- h. Please indicate whether funds are provided for loupes? Textbooks? Phones? A deposit of \$250.00 is given to each resident per year into their resident book fund account, there is an additional deposit of \$200 if the resident is in the 80<sup>th</sup> percentile or higher on the in-training exam. There is no charge for covered parking. The cost of a board review course in the final year of training is paid by the Department of Surgery.

2. Subjective:

- a. Please describe your program's biggest strengths – The faculty is composed of five surgeons with an established track record in teaching and mentoring residents. Two of the faculty are actively involved with the American Board of Thoracic Surgery and the Residency Review Committee in Thoracic Surgery. The faculty include: Walter Merrill, MD (Chief, Cardiothoracic Surgery & Vice-Chair, Surgical Education), Giorgio Aru, MD (Program Director and Surgical Director Heart Transplant Program), Curt Tribble, MD (Director, LVAD Program), Lawrence Creswell, MD (Medical Director, Surgery), Jorge Salazar, MD (Chief, Pediatric Cardiothoracic Surgery), Pierre de Delva, MD (Assistant Professor, Cardiothoracic Surgery) and Daniel DiBardino, MD (Assistant Professor, Pediatric Cardiothoracic Surgery). In recent years our clinical volumes have grown dramatically.
- b. Please provide 1-2 adjectives that describe your program: Small program, totally dedicated to and supportive of the development of the resident.
- c. Please indicate what is unique about your program relative to other programs: The program is designed to foster the education and growth of the resident and is committed to make them an independent and efficient cardiothoracic surgeon.

## GRADUATES

1. Indicate the percentage of graduates that do further training: 50%
2. Indicate the percentage of graduates that pursue academics vs. private practice: Academic: 20%
3. Please provide an account of job placement for your graduates over the last 3 years: N/A
4. Please describe "super" fellowship opportunities (e.g. transplant, endovascular, minimally invasive, congenital) available at your institution: None are available at the present time.

## FUTURE CHANGES

1. Please indicate whether your program is planning on developing a Joint Thoracic/General Surgery (4+3) or Integrated Program (if your program already has one, please skip this section and complete the last portion of the questionnaire entitled "Additional questions for Joint Thoracic/General Surgery (4+3) and Integrated (i6) programs")? We have applied for the approval of an Integrated 6 year Cardiothoracic Surgery Residency. The site visit has been scheduled for May 2011.

## OTHER

1. Please elaborate on any other unique components of your program not captured in this questionnaire.

"The University of Mississippi has a great tradition of clinical care, teaching and research. Beginning with the renowned surgeon, Dr. James D. Hardy, who performed the first lung and heart transplants in history, the Department of Surgery at the University of Mississippi has successfully trained surgeons from all over the world. In addition, the research expertise of the renowned physiologist, Dr. Arthur Guyton, formed the foundation of our Physiology Department which maintains numerous important collaborations with the Department of Surgery. This unique combination of traditions has exposed developing cardiothoracic surgeons to a blend of surgical talent and investigative minds. Today our residents are heavily involved with pre-operative, intra-operative and post-operative care of the patients, and they also find time to prepare and present papers at surgical meetings during the course of their training."