

## CURRICULUM VITAE

Revised 8/15/09

1. Name : Jyotirmay “Joe” Sharma

2. Office Address

Suite 3335A, 1365 Clifton Road, NE  
Emory University School of Medicine  
Atlanta, GA 30322

3. Telephone : (404) 778-3322 Fax (404) 778-5033

4. Citizenship : USA

5. Current Title and Affiliations

a. Academic Appointments

Assistant Professor of Surgery  
Division of General and Gastrointestinal Surgery  
Emory University School of Medicine  
July 2006 – present  
Emory University Hospital

b. Clinical Appointments

I. Attending Surgeon, Emory University Hospital  
July 2006 – present

II. Attending Surgeon, Crawford Long Hospital  
July 2006 - present

c. Other Administrative Appointments

Director Core Curriculum  
Department of Surgery  
Emory University School of Medicine  
July 2007 - present

6. Previous Academic and Professional Appointments

Clinical Associate in Surgery  
Emory University School of Medicine  
July 2005 – June 2006

7. Licensure/Boards

Georgia State Medical License, #53950  
2002- present

8. Speciality Boards

Certified by American Board of Surgery, #50983  
2006 – present

Fellow, American College of Surgeons  
2008 - present

9. Education

Bachelor's of Science, Zoology  
Auburn University  
1990-1992, 1994-1996

Medical School (MD)  
University of Alabama School of Medicine  
1996-2000

10. Postgraduate Training

General Surgery Residency,  
Emory University School of Medicine  
Program Director: Dr. Tom Dodson  
2000-2005

Fellowship in Endocrine Surgery,  
Emory University School of Medicine  
Mentor : Dr. Collin Weber  
2005-2006

11. Military Service

Petty Officer (E-4)  
US NAVY Active Duty  
1992-94  
Deployment to Persian Gulf in Operation Southern Watch

Petty Officer (E-4)  
US NAVY Inactive Duty  
1994-2000

12. Committee Memberships

a. National and International Committees

Fellowship Committee, American Association of Endocrine Surgeons  
2007 - present

b. Institutional

Surgical Education Committee  
Emory School of Medicine  
2006 – present

13. Manuscript reviewer

- Journal of Laparoendoscopic & Advanced Surgical Techniques, 2007 – present
- Annals of Surgical Oncology, 2009
- Southern Medical Journal, 2009
- The American Surgeon, 2008-2009

14. Honors and Awards

- Fellow of American College of Surgeons – 2008
  
- Best Clinical Paper, Surgery Research Day – 2006
  
- Best Scientific Paper Presentation, Alabama Academy of Sciences, 1999, 1990
  
- NIH Student Researcher Neurobiology – 1997
  
- Navy Achievement Medal, 1994
  
- National Defense Medal, 1993
  
- Sea Service Medal, 1994
  
- Alabama Power Award for Best Student Researcher, 1989, 1990

15. Society Memberships

- American Association of Endocrine Surgeons, 2009-present
- American College of Surgeons, 2008- present
- Georgia Surgical Society, 2008 – present
- Will C. Sealy Surgical Society, Macon, GA, 2008 – present
- Southeastern Surgical Congress, 2007 – present
- Atlanta Surgical Association, Atlanta, GA, 2005 – present
- American Medical Association, 1996 – present
- American Association of Physicians from India, 1996-2004
- Vice President, Tinsley Harrison Society, 1999-2000

16. Organization of National or International Conference

- Congress on Surgical Resident Education
- Indian Medical Association, Varanasi, India, 2004

17. Research Focus

a. Basic Science

We are currently examining thyroid tissue from patients with thyroid cancer for expression of epidermal growth factor receptor (EGFR). In advance thyroid carcinoma this would serve as a target for chemotherapeutic drugs with tyrosine kinase inhibitor activity.

b. Clinical Science

Influence of parathyroidectomy on clinical symptoms and cardiovascular disease including coronary calcification and valvular disease.

Evaluation the efficacy of adjuncts for parathyroidectomy such as intraoperative parathyroid hormone monitoring and Sestamibi scans.

Evaluate outcomes in advanced thyroid carcinoma.

18. Grant Support

a. Active Support

PI, Genzyme supported (undergoing contract)

Small bowel adhesion prevention via immunosuppression

\$750,000, 2008 for 3 years

b. Previous

NIH Grant EY-05116 Researcher, 1996-1997; 15,000.

19. Clinical Service Contributions

Implemented and updated Thyroid, Parathyroid and Islet Cell Tumor Databases (2005 – present)

Initiated Weekly Didactic Surgery B/C Conference, 2006 – 2008

Director, Core-curriculum, Department of Surgery, 2007-present

Co-organizer, Thyroid Tumor Board, Winship Cancer Institute, 2007 - present

20. Formal Teaching

a. Medical Student Teaching

Anatomy Instructor for 1<sup>st</sup> year Medical Students

Organizer Dr. K. Peterson

Emory University School of Medicine

2005 – present

Endocrine/Thyroid Lecturer and Panelist

1<sup>st</sup> year Medical Students (New Curriculum)

Organizer Dr. Eric Felner

Emory University School of Medicine

2008 - 2009

3<sup>rd</sup> Year Medical Student Surgical Rotation Lecturer

(Thyroid, Small Bowel Obstruction, Pancreatitis, Hernia)

Emory University School of Medicine

2005-present

b. Graduate Program

Training Programs

Instructor on Portal Hypertension, Southwestern Surgical Association, Recertification Course, September 2007

Professionalism in Surgery for Residents, October, 2008

Clinical Skills Lab Instructor, Surgery Residency, 2009

Residency Programs

Director, Surgery Resident Core-curriculum, 2007 - present  
Core-curriculum Lecturer, (Endocrine, Hernia), 2006 – present  
Chairman’s Rounds Lecture, (Thyroid, Adrenal), 2006 – present  
Journal Club Endocrine Surgery, 2005, 2007, 2008  
Cadaver/Prosection Lab – 2007, 2008, 2009  
Mock-orals Surgery Boards, 2006, 2007, 2008,

c. Others

Mock Orals, Georgia Chapter of American College of Surgeons, 2008, 2009  
First Aid Instructor, Boy Scouts of America, Tuskegee, AL 1996-2004  
Birmingham Area Tutoring League, Tutored high school athletes, 1996-1998

21. Supervisory Teaching

Emory Department of Surgery Residency Mentor program  
Raul Badell 2006-present,  
Gabriella Velazquez 2007-present

International Medical Student Sponsorship for Surgical Clerkships

Deepti Gangwar, Johan Wolfgang Goethe Medical School, Frankfurt, Germany, 2008  
Prakash Thomas, Kasturba Medical College, Manipal, India, 2007

Research Supervisor

Aliya Heyliger, PGY-3, Department of Medicine, 2007

Emory Surgical Clerkship M-3 Mentor, 2006 - present

Johnathon Smith – July/Aug, 2008  
Seema Shah – July/Aug, 2008  
Julie Solomon – July/Aug, 2008  
Paul Musey – July/Aug, 2008  
Jessica Tarleton – July/Aug, 2009  
Adam Perry – July/Aug, 2009  
Ariel Zodhiates – July/Aug 2009  
Jeff Jopling – July/Aig 2009

22. Lectureships, Seminar Invitations and Visiting Professorships

Interesting Case Conference, AAES, New Yor“A case of 2 failed Neck Explorations, a frustrated patient and Parathyroid Lipoadenoma.” May, 2006

Georgia Surgical Society, Sea Island, GA, “Current Therapy for Hyperparathyroidism, September”, 2007.

Interesting Case Conference, AAES, Monterey, CA. “Hypercalcemia and a failed parathyroidectomy”. April, 2008

Mercer University School of Medicine Surgery Day, Macon, GA.  
“Parathyroidectomy:Something new and something old”, May, 2008.

Southwestern and Southeastern Surgical Congress Comprehensive Review in General Surgery, Atlanta, GA, “Portal Hypertension”, November 2007.

Southwestern and Southeastern Surgical Congress Comprehensive Review in General Surgery, Atlanta, GA, “Spleen”, November 2007.

Contemporary Techniques in Gastrointestinal Surgery, Atlanta, GA, “Duodenum”, May 2008.

Contemporary Techniques in Gastrointestinal Surgery, Atlanta, GA, “Small Bowel Obstruction”, May 2, 2008.

American College of Surgeons, San Francisco, CA, Surgical Oncology Forum, “Insulinoma Localization”, Oct 2008

Southeastern Surgical Congress, Atlanta, GA, “Familial Hyperparathyroidism”, Feb 2009.

American Association of Endocrine Surgeons, Madison, WI, “Effects of Parathyroidectomy on Hypertension”, May 2009.

World Congress on Thyroid Cancer, Toronto, “Expression of EGFR, CKIT, Her-2-neu and ER on Thyroid Carcinoma”, August 2009.

International Association of Endocrine Surgeons, Adelaide, Australia, “Outcomes in Reoperative Parathyroid Surgery”, September, 2009.

#### 23. Invitations to National and International Conferences

American Kidney Foundation, Georgia and South Carolina Chapter Meeting, Hilton Head, SC, September, 2008

American Society of Nephrology National Meeting, November, 2008

#### 24. Other Activities

Boy Scouts of America, Instructor, 1996-2004

Department of Surgery Grand Rounds on Insulinomas, Emory University School of Medicine, May, 2005

Department of Surgery Grand Rounds on Hyperparathyroidism, Emory University School of Medicine, February, 2006

Division of Endocrinology Grand Rounds on Parathyroid Imaging Techniques, Emory University School of Medicine, May, 2006

Division of Radiology Monthly Conference, Radionuclide Imaging for Hyperparathyroidism – not all are created equal. August, 2007

#### 25. Bibliography

##### a. Published and accepted research articles

Mansour, K and **Sharma, J**: 2003. Delayed Intrathoracic Rupture of Herniated Nissen Fundoplication. *Annals of Thoracic Surgery*, 75:1957-1959.

Thourani, V., **Sharma, J**, Duarte, I and Miller, J. 2005. Intrathoracic Splenosis. *Annals of Thoracic Surgery*, 80:1934-1936.

**J Sharma**, P Mazzaglia, M Milas, E Berber, D Schuster, R Halkar, A Siperstein and C Weber. 2006. Radionuclide Imaging for Hyperparathyroidism(HPT): Which is the Best 99Tc-Sestamibi Modality? *Surgery*, 140:856-865.

**J Sharma**, M Milas, E Berber, P Mazzaglia, A Siperstein and C Weber. 2008. The Value of Intraoperative Parathyroid Hormone(IOPTH) Monitoring. *Annals of Surgical Oncology* Nov, 2007 (e-print), 15(2):493-8.

M. L. Melamed, P Muntner, E Michos, Jaime U, C Weber, **J Sharma** and Paolo Raggi. 2008. Serum 25-hydroxyvitamin D Levels and the Prevalence of Peripheral Arterial Disease: Results from NHANES 2001-2004. *Arteriosclerosis, Thrombosis, and Vascular Biology*, 28:1129.

S. Srivatsa, **J. Sharma** and S. Logani. 2008. Adrenal Lymphoma: A case report and review of literature. *Endocrine Practice*. vol 14 No 7 Oct, 884-888.

**J Sharma** and C Weber. 2009. Surgical Therapy for Familial Hyperparathyroidism. *American Surgeon*, vol 75 No 7 July 570-583.

b. Manuscripts Submitted

Insulinoma Localization. Journal of American College of Surgeons.  
Effects of Parathyroidectomy on Hypertension. Surgery – accepted for publication

c. Symposium Contributions

Friedlander, M; Kara, P and **Sharma, J**: 1998. Role of NMDA Glutamate Receptors in the Nitric Oxide-Mediated Modulation of Visual Responses of Individual Cerebral Cortical Neuron in vivo. Alabama Academy of Sciences.

**Sharma, J.** and Johnson C.J. 1989. Analysis of Dielectric Breakdown using High Voltage Capacitance Discharge in Space Power Systems. International Science and Technology Fair, San Juan, Puerto Rico.

d. Book Chapters

**J. Sharma** and C. Weber. 2007. *Surgery in Patients with Secondary and Tertiary Hyperparathyroidism* in Clinical Reviews in Bone and Mineral Metabolism.

**J. Sharma**, M. Milas and C. Weber. 2009. *Neck. Anatomic Basis of Tumor Surgery* 2<sup>nd</sup> Edition by Dr. William Wood and John Skandalakis.

e. Manuals, videos, computer programs and other teaching aids

Calcium stimulation arteriography and hepatic venous sampling : a plotting program, Excel/Fortran Programming, 2006.

Adrenal venous sampling : a plotting program, Excel Worksheet, 2006.