

**BIOGRAPHICAL SKETCH**

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NAME: Li-Ming Su, MD

eRA COMMONS USER NAME (credential, e.g., agency login): LMINGSU

POSITION TITLE: Professor and Chairman, Department of Urology  
University of Florida (UF) College of Medicine (COM)

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Cornell University, Ithaca, NY	BS	05/1989	Biological Sciences
Cornell University Medical College, NYC, NY	MD	05/1994	Medicine
New York Presbyterian Hospital, NYC, NY	Internship	06/1996	Surgery
New York Presbyterian Hospital, NYC, NY	Residency	06/2000	Urology
Johns Hopkins Med Institutions, Baltimore, MD	Fellowship	06/2001	Endourology

**A. Personal Statement**

I currently serve as professor and chairman of the Department of Urology at the University of Florida with a specialization in minimally invasive surgical therapies. I am recognized internationally as a leader in the field of minimally invasive urologic surgery specific to prostate and kidney cancer for which I have written numerous peer-reviewed articles and book chapters on these subjects. As noted by my publications below, I have spent the past decade and a half researching and publishing on issues related to surgical technique and patient outcomes following robotic prostatectomy for prostate cancer. To date I have performed well over 4,500 robotic prostatectomy procedures. During my sixteen-year career between my early career at Johns Hopkins Brady Urological Institute and my current position at the University of Florida Department of Urology, I have had the opportunity to mentor numerous medical students, urology residents and fellows. Of the seven fellows who I have trained, four pursued careers in academic urology and in their own right future leaders in the field of minimally invasive urology. I believe that I have the expertise, leadership and motivation necessary to successfully carry out the proposed work and provide prostate tissue and serum specimens from recruited patients for this study.

**B. Positions and Honors**Positions and Employment

1994-96	Intern and Junior General Surgery Resident, New York Presbyterian Hospital and Memorial Sloan Kettering Cancer Center, New York, NY
1996-00	Urology Resident, James Buchanan Brady Foundation, New York Presbyterian Hospital, Memorial Sloan Kettering Cancer Center, New York, NY and North Shore University Hospital, Manhasset, NY
2000-01	Endourology Fellow, James Buchanan Brady Urological Institute, Johns Hopkins Medical Institutions (JHMI), Baltimore, MD
2000-01	Clinical Instructor of Urology, James Buchanan Brady Urological Institute, JHMI, Baltimore, MD
2001-05	Assistant Professor Urology, James Buchanan Brady Urological Institute, JHMI, Baltimore, MD
2001-08	Director of Pelvic Laparoscopy and Stone Disease, James Buchanan Brady Urological Institute, JHMI, Baltimore, MD

- 2005-08 Associate Professor Urology, James Buchanan Brady Urological Institute, JHMI, Baltimore, MD
- 2008- Adjunct Associate Research Scientist, Center for Computer-Integrated Surgical Systems and Technology Engineering Research Center, Whiting School of Engineering, Johns Hopkins University, Baltimore, MD
- 2008-16 David A. Cofrin Professor Endowed Chair in Endourology, Department of Urology, UF COM, Gainesville, FL
- 2008-16 Associate Chairman for Clinical Affairs, Department of Urology, UF COM, Gainesville, FL
- 2008- Director, Robotic and Minimally Invasive Urologic Surgery, Department of Urology, UF COM, Gainesville, FL
- 2013- Co-Director, Endourology/Minimally Invasive Surgery Fellowship Training Program, Department of Urology, UF COM, Gainesville, FL
- 2016- Chairman, Department of Urology, UF COM, Gainesville, FL
- 2016- David A Cofrin Professor of Urologic Oncology, Department of Urology, UF COM, Gainesville, FL

*Professional Memberships and Committee Activities*

- 1994 National Board of Medical Examiners Certification
- 2000- Member, American Urologic Association
- 2000-06 Member, Society of Laparoendoscopic Surgeons
- 2003- American Board of Urology Certification
- 2003-05 Ambulatory Physicians Organizational Committee, Johns Hopkins Bayview Medical Center
- 2003-08 Member, Mid Atlantic Section, American Urologic Association
- 2005- Associate Member, Endourological Society
- 2005- Member, Society of Engineering and Urology
- 2006-08 Executive Operating Room Committee, Johns Hopkins Hospital
- 2006-09 Awards Committee, Endourological Society
- 2008- State of Florida Medical Licensure
- 2008- Member, Florida Medical Association
- 2008- Advisory Board, Engineering & Urology Society
- 2008- Member, Southeastern Section, American Urologic Association
- 2008- Member, Society of Urologic Oncology
- 2008- Chairman, Robotics Program Steering Committee, UF
- 2009-10 Operations Committee, UF Department of Urology
- 2009- Member, Florida Urological Society
- 2009- Member, Society of Laparoendoscopic Surgeons
- 2009 International Scientific Board, World Congress of Endourology & SWL
- 2010-12 Executive Committee, Florida Urological Society
- 2010-12 Chairman, Video Awards Committee, Endourological Society
- 2010-13 Awards Committee, Endourological Society
- 2010- Resource Management Subcommittee, UF College of Medicine
- 2011-12 Program Director, 2012 UF Department of Urology CME Seminar Series
- 2011- Executive Committee, UF Department of Urology
- 2011- Medical Advisory Board, Titan Medical Inc.
- 2012-13 Chairman, Awards Committee, Endourological Society
- 2012- Clinical Operations Committee, UF Department of Urology
- 2013-14 Program Director, 2014 UF Department of Urology CME Seminar Series
- 2013-15 Examination Committee, American Board of Urology and American Urological Association
- 2015 UF Department of Urology Resident Teaching Award
- 2015 Newsweek Magazine Special Health Issue: Top Cancer Doctors (Urology)
- 2015-16 Task Force Chair, Examination Committee, American Board of Urology and American Urological Association
- 2016-18 Southeastern Section Representative, American Urological Association Nomination Committee
- 2016-19 Fellowship Committee, Endourological Society Examiner, American Board of Urology
- 2017-18 Department of Obstetrics and Gynecology Chair Search Committee, University of Florida College of Medicine
- 2018-19 Quality and Safety Committee, Shands Teaching Hospital and Clinics, Inc.
- 2018-19 Board of Directors, Shands Teaching Hospital and Clinics, Inc.

2018- Internal Senior Advisory Committee, University of Florida Health Cancer Center  
2018-21 Chair, Fellowship Committee, Endourological Society  
2019-20 Dean Search Committee, University of Florida College of Medicine, 2019-2020  
2019-22 Finance Committee, Endourological Society, 2019-2022  
2020 Examiner, American Board of Urology 2020 Certifying (Part 2) Examination

### Honors

1987-89 Dean's List, Cornell University  
1989 Graduated with Honors, Cornell University  
1993 Papanicolaou Fellow in Clinical Anatomy, Cornell University Medical College  
2015 Alpha Omega Alpha (AOA) Honor Medical Society  
2015 UF Department of Urology Resident Teaching Award

### Board Certification

American Board of Urology / Issued 2/28/03; Expires 2/28/23 / Certificate #13195  
State of Florida Medical Licensure  
Issued 3/12/08; Expires 1/31/22 / License #ME 101192

### Other certifications

da Vinci Robotic Surgical System, 2003  
Holmium Laser, 1998  
Extracorporeal Shock Wave Lithotripsy, 1998

## **C. Contributions to Science**

Urology as a specialty is constantly evolving to less invasive treatments for a wide array of conditions. My early publications involved addressing the role of minimally invasive surgery as a treatment alternative to open surgery for prostate cancer and kidney cancer at Johns Hopkins, an institution considered the leading US center for urologic diseases and treatments. This included the assessment of perioperative and oncologic outcomes, complications, cost and health related quality of life. These publications provided a foundation for these minimally invasive treatments as viable alternatives to traditional approaches, but with less morbidity and similar long-term outcomes. Many of these sentinel articles set the standard for which other comparative studies were performed throughout the US and abroad.

- a. Bhayani SB, Pavlovich CP, Hsu TS, Sullivan W, **Su LM**. Prospective comparison of short-term convalescence: Laparoscopic radical prostatectomy versus open radical retropubic prostatectomy. *Urology* 61(3):612-616, 2003 (PMID:12639657).
- b. Link RE, **Su LM**, Bhayani SB, Pavlovich CP. Making ends meet: A cost comparison of laparoscopic and open radical retropubic prostatectomy. *J Urol* 172(1):269-274, 2004 (PMID:15201792).
- c. **Su LM**, Link RE, Bhayani SB, Sullivan W, Pavlovich CP. Nerve-sparing laparoscopic radical prostatectomy: Replicating the open surgical technique. *Urology* 64(1):123-127, 2004 (PMID:15245948).
- d. Link RE, **Su LM**, Sullivan W, Bhayani SB, Pavlovich CP. Health related quality of life before and after laparoscopic radical prostatectomy. *J Urol* 173(1): 175-179, 2005; discussion 179, 2005 (PMID:15592069).
- e. Pavlovich CP, Trock BJ, Sulman A, Wagner AA, Mettee LZ, **Su LM**. 3-year actuarial biochemical recurrence-free survival following laparoscopic radical prostatectomy: Experience from a tertiary referral center in the United States. *J Urol* 179(3):917-921, 2008 (PMID:18207191); discussion 921-922, 2008.
- f. [Levinson AW](#), [Bagga HS](#), [Pavlovich CP](#), [Mettee LZ](#), [Ward NT](#), [Link RE](#), **Su LM**. The impact of prostate size on urinary quality of life indexes following laparoscopic radical prostatectomy. *J Urol* 179(5):1818-1822, 2008 (PMID:18353375).
- g. Levinson AW, Ward NT, Sulman A, Mettee LZ, Link RE, **Su LM**, Pavlovich CP. The impact of prostate size on perioperative outcomes in a large laparoscopic radical prostatectomy series. *J Endourol* 23(1):147-152, 2009 (PMID:19125654).
- h. Turpen R, Atalah H, **Su LM**. Technical advances in robot assisted laparoscopic radical prostatectomy. *Ther Adv Urol* 1(5):251-258, 2009 (PMID:21789072).
- i. Magheli A, Gonzalgo ML, **Su LM**, Guzzo TJ, Netto G, Humphreys EB, Han M, Partin AW, Pavlovich CP. Impact of surgical technique (open vs laparoscopic vs robotic-assisted) on pathological and biochemical outcomes following radical prostatectomy: An analysis using propensity score matching. *BJU Int* 107(12):1956-1962, 2011 (PMID:21044243).

- j. Willis DL, Gonzalgo ML, Brotzman M, Feng Z, Trock B, **Su, LM**. Comparison of outcomes between pure laparoscopic vs robot-assisted laparoscopic radical prostatectomy: A study of comparative effectiveness based upon validated quality of life outcomes. *BJU Int* 109(6):898-905, 2012 (PMID:21933328).

**D. Additional Information: Research Support and/or Scholastic Performance**

Completed Research Support

Project #978975      PI: Vieweg      2012-2016

*A Randomized, Double-Blind, Parallel, Placebo Controlled, Phase 4, Multi-center Study to Assess Efficacy and Safety of VESicare® (Solifenacin Succinate) to Improve Urinary Continence of Subjects After Robotic Assisted Radical Prostatectomy (WIRB 2011-1033); Sponsor: Astellas Pharma US*

Role: Co-Investigator

Project #87810      PI: Huikai Xie      2010-2012

*Development of Integrated Multi-Modality Optical Imaging Systems for Noninvasive in vivo Cancer Diagnosis and Real-Time Imaging Guided Surgery; Sponsor: UF Research Opportunity Fund*

Role: Co-Investigator

Grant: P50CA58236      2004-2005

*Molecular Epidemiology of Prostate Cancer; James Buchanan Brady Urological Institute, Johns Hopkins Medical Institutions, Baltimore, MD; Sponsor: Spore in Prostate Cancer*

Role: Co-investigator