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## BIOGRAPHICAL SKETCH

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<b>NAME</b> Thomas Lee Jang, MD, MPH	<b>POSITION TITLE</b> Chief of Urologic Oncology, Rutgers Cancer Institute of New Jersey; Associate Professor of Surgery, Rutgers RWJ Medical School; Program Director, Urology Residency at Rutgers RWJ Medical School		
<b>EDUCATION/TRAINING</b> (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b> (if applicable)	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
Northwestern University, Evanston, IL	B.A.	1993-1996	Biology
Northwestern University Feinberg School of Medicine, Chicago, IL	M.D.	1996-2000	Medicine
Northwestern University Graduate School	M.P.H.	2001	Biostatistics & Epidemiology

### A. PERSONAL STATEMENT

I am a urologic oncologist with clinical and research interests in cancers involving the genitourinary tract and in urologic education. After receiving my medical and public health degrees from Northwestern University's Feinberg School of Medicine in Chicago, IL, I trained in general surgery and urology at Northwestern Memorial Hospital in Chicago, IL from 2000-2006. From 2006 to 2007, I completed a one-year research fellowship in the Department of Biostatistics and Epidemiology's Health Outcomes Group at Memorial Sloan-Kettering Cancer Center (MSKCC). Following my research fellowship, I then completed a clinical fellowship in urologic oncology at MSKCC from 2007-2009. My MSKCC research and clinical fellowship was funded by a National Institutes of Health Ruth Kirshstein National Research Service Award and Training Grant. I was then recruited to join the faculty at the Rutgers Cancer Institute of New Jersey in 2009, where I am currently an associate professor of surgery and hold several key leadership roles. In my role as the Chief of Urology Oncology, I am responsible for faculty and staff recruitment and retention, budgeting section resources, growing the clinical and research enterprise, and building and maintaining a nationally recognized Urologic Oncology Program. As Program Director for the Rutgers RWJ Urology Residency Program, I am responsible for recruitment and retention of residents, budgeting program resources, maintaining program morale and formulating and overseeing educational programs. I maintain a strong interest in clinical research, having published extensively in the field. I am and have been the site Principal Investigator at our center for several key trials in the field of testicular cancer: Surgery in Early Metastatic Seminoma (SEMS) and A Prospective Observational Cohort Study to Assess miRNA 371 for Outcome Prediction in Patients with Newly Diagnosed Germ Cell Tumors (SWOG1823).

### B. POSITIONS AND HONORS

#### Positions

2000-2001	Intern, General Surgery, Northwestern University, Department of Surgery, Chicago, IL
2001-2002	Resident, General Surgery, Northwestern University, Department of Surgery, Chicago, IL
2002-2005	Resident, Urologic Surgery, Northwestern University, Department of Urology, Chicago, IL
2005-2006	Chief Resident, Urologic Surgery, Northwestern University, Department of Urology, Chicago, IL
2006-2007	Research Fellow, Health Outcomes Group (Urologic Oncology), Memorial Sloan-Kettering Cancer Center, Department of Epidemiology and Biostatistics, New York, NY
2007-2009	Clinical Fellow and Instructor, Urologic Oncology, Memorial Sloan-Kettering Cancer Center, Department of Surgery, Division of Urology, New York, NY

- 2009-2020 Assistant Professor, Department of Surgery, Division of Urology, Section of Urologic Oncology, Rutgers Cancer Institute of NJ and Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ
- 2019-Present Program Director, Urology Residency Program, Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ
- 2019-Present Associate Chief of Urologic Oncology, Rutgers Cancer Institute of NJ
- 2020-Present Associate Professor, Department of Surgery, Division of Urology, Section of Urologic Oncology, Rutgers Cancer Institute of NJ and Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ
- 2022-Present Chief of Urologic Oncology, Rutgers Cancer Institute of NJ

Honors

- 1993-2000 Northwestern University/Northwestern University Medical School Honors Program in Medical Education (7-year Accelerated BA/MD Program)
- 1993 Alpha Lambda Delta National Honor Society
- 1993 Mortar Board National Honor Society
- 1993 Golden Key National Honor Society
- 1997 Northwestern University Medical School Summer Research Fellowship
- 1997 American Foundation for Urologic Disease and American Urological Association (AFUD/AUA) Research Scholar
- 2003 Who's Who in Executives and Professionals
- 2003 First Place, Clinical Research, Northwestern University Department of Urology, Resident Research and Essay Contest Research
- 2004 First Place, Clinical Research, Northwestern University Department of Urology, Resident Research and Essay Contest Research
- 2004 Third Place, Clinical Research, Northwestern University Department of Urology, Resident Research and Essay Contest Research
- 2004 Second Place, Clinical Research, Chicago Urological Society Charles Huggins Resident Essay Contest
- 2004 Third Place, Clinical Research, American Urological Association (ACMI-Circon) National Resident Essay Contest
- 2005 First Place, Clinical Research, Chicago Urological Society Charles Huggins Resident Essay Contest
- 2005 Second Place, Clinical Research, Northwestern University Department of Urology, Resident Research and Essay Contest
- 2006 Leander Riba Award (awarded annually to resident in Northwestern University's Department of Urology for outstanding performance, empathy, and skill in patient care, as selected by the Resident Review Committee)
- 2006 Northwestern University Alumni Association and Graduate Medical Education Excellence in Medical Student Teaching Award
- 2009 Prostate Cancer Foundation Young Investigator Forum
- 2011 Faculty Teaching Award, Division of Urology, Rutgers RWJ Medical School
- 2014 Arnold P. Gold Foundation Award on Humanism in Health Care Delivery
- 2016 Faculty Teaching Award, Division of Urology, Rutgers RWJ Medical School
- 2017 Faculty Teaching Award, Division of Urology, Rutgers RWJ Medical School
- 2018 Faculty Teaching Award, Division of Urology, Rutgers RWJ Medical School
- 2018 Recognition as National Expert in Testicular Cancer (Testicular Cancer Society and the Testicular Cancer Resource Center)
- 2018 Peer Reviewer, American Urological Association Testicular Cancer Clinical Practice Guidelines
- 2019 Faculty Teaching Award, Division of Urology, Rutgers RWJ Medical School
- 2021 Nominee, American Urological Association Residents & Fellows Committee Teaching Award

## PUBLICATIONS PEER REVIEWED (SELECT)

1. Jang TL, Matschke HM, Rubenstein JN, Gonzalez CM. Pyeloureterostomy with interposition of the appendix. *Journal of Urology*. 168(5): 2106-7, 2002.
2. Jang TL and Schaeffer AJ. The role of cytokines in prostatitis. *World Journal of Urology*. 21: 95-99, 2003.
3. Jang TL, Yap RL, Batler RA, Brannigan RE. Intraperitoneal bladder rupture and bowel injury from perirectal impalement. *Journal of Urology*. 170: 2383-4, 2003.
4. Jang TL, Blunt LW, Yap RL, Brannigan RE, Gonzalez CM. A large urethral diverticulum presenting as a scrotal mass: repair with ventral onlay buccal mucosa. *Journal of Urology*. 171(1): 351-2, 2004.
5. Pontari MA, McNaughton-Collins M, O'Leary MP, Calhoun EA, Jang TL, Knauss J, Kusek JW, Landis JR, Litwin MS and the CPCR Study Group. A case-control study of risk factors in men with chronic pelvic pain syndrome. *BJU International*. 96(4): 559-565, 2005.
6. Jang TL, Wang R, Kim SC, Troe T, Pins M and Nadler RB. Histopathology of human renal tumors after laparoscopic renal cryosurgery. *Journal of Urology*. 173: 720-724, 2005.
7. Jang TL, Erickson B, Medendorp A, Gonzalez CM. Comparison of donor site intra-oral morbidity following buccal mucosal graft harvesting for urethral reconstruction. *Urology*. 66(4): 716-720, 2005.
8. Jang TL, Han M, Roehl KA, Hawkins SA, Catalona WJ. More favorable tumor features and progression-free survival rates in a longitudinal prostate cancer screening study: PSA era- and threshold-specific effects. *Urology*. 67(2): 343-348, 2006.
9. Gonzalez CM, Jang TL, Raines M, Lys TZ and Schaeffer AJ. Significant clinical practice cost savings through downsizing office supply inventory and just in time ordering. *Journal of Urology*. 176(1): 267-269, 2006.
10. Liu VC, Wong LY, Jang TL, Shah AH, Park I, Yang X, Zhang Q, Lonning S, Teicher BA and Lee C. Tumor evasion of the immune system by converting CD4+CD25- T cells into CD4+CD25+ T regulatory cells: role of tumor-derived TGF-beta. *J Immunology*. 178(5): 2883-2892, 2007.
11. Bekelman JE, Zelefsky MJ, Jang TL, Basch EM and Schrag D. Variation in adherence to external beam radiotherapy quality measures among elderly men with localized prostate cancer. *International Journal of Radiation Oncology & Biology & Physics*. 69(5): 1456-1466.
12. Bekelman JE, Zelefsky MJ, Jang TL, Basch EM, Elkin E, Smith BD, Liu Y and Schrag D. Patterns of use of intensity-modulated and conventional radiotherapy among radiation oncologists who treat older men with non-metastatic prostate cancer. *International Journal of Radiation Oncology & Biology & Physics*. 69(3) S1: S554-S555, 2007.
13. Jang TL, Yossepowitch O, Bianco F, Scardino PT. Low risk prostate cancer in men under age 65: the case for definitive treatment. *Urologic Oncology*. 25: 510-514, 2007.
14. Russo P and Jang TL, Huang WC, Eggener SE, O'Brien MF, Karanikolas NT, Pettus JA, Karellas MA, Kagiwada MA. Survival rates after resection for localized kidney cancer: 1989 – 2004. *Cancer*. 113(1): 84-96, 2008.
15. Huang WC, Elkin EB, Levey AS, Jang TL and Russo P. Partial nephrectomy versus radical nephrectomy in patients with small renal tumors—is there a difference in mortality and cardiovascular outcomes? *Journal of Urology*. 181(1): 55-61, 2009.
16. Pettus JA, Jang TL, Thompson RH, Yossepowitch O, Kagiwada M and Russo P. Effect of baseline glomerular filtration rate on survival in patients undergoing partial or radical nephrectomy for renal cortical tumors. *Mayo Clin Proc*. 83(10): 1101-1106, 2008.
17. Zhang Q, Helfand BT, Jang TL, Zhu J, Chen L, Park I, Kozlowski J, Kundu SD, Pins M, Smith N, Raji AA, Javonovic B, Lindholm P, Goldman R, Gu Y, Yang XJ, Catalona WJ and Lee C. NF- $\kappa$ B mediated TGF- $\beta$ -induced epithelial-mesenchymal transition predicts recurrence of prostate cancer after prostatectomy. *Clinical Cancer Research*. 15(10): 3557-3567, 2009.
18. Jang TL, Bekelman JE, Liu Y, Bach PB, Basch EM, Elkin EB, Zelefsky MJ, Scardino PT, Begg CB and Schrag D. Physician Visits prior to Treatment for Clinically Localized Prostate Cancer. *Archives of Internal Medicine*. 170(5):440-450, 2009.
19. Su D and Jang TL. Using large institutional or national databases to evaluate prostate cancer outcomes and patterns of care: possibilities and limitations. *Scientific World Journal*. 11:147-160, 2011.