

# NICHOLAS G. COST, M.D.

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS  
DEPARTMENT OF SURGERY, DIVISION OF UROLOGY  
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## SUMMARY

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- I am currently appointed as an Associate Professor in the Department of Surgery, Division of Urology at the University of Colorado - School of Medicine, concentrating my clinical and research efforts in the areas of Pediatric Urology and Urologic Oncology. I serve as the Co-Director of the Surgical Oncology Program, Children's Hospital Colorado. Nationally, I serve as the Surgical Discipline Lead for the Children's Oncology Group Renal Tumor Committee. Clinically, I focus on kidney cancer and testicular cancer, specifically in the pediatric, adolescent and young adult (AYA) population. I also serve as the Lead for our Hereditary Renal Cancer Program and our VHL Clinical Care Center. My academic work is currently focused improving outcomes in children, adolescents and young adults with urologic malignancy by reducing therapeutic morbidity while maximizing cure.

## FACULTY POSITIONS

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- **Associate Professor, July 2019 – Current**  
Department of Surgery, Division of Urology – Pediatric Urology and Urologic Oncology  
Department of Pediatrics, Section of Hematology and Oncology – Pediatric Oncology  
University of Colorado Hospital and Children's Hospital Colorado  
Co-Director, Surgical Oncology Program at Children's Hospital Colorado  
Associate Member, University of Colorado Cancer Center
  - Co-Director, Surgical Oncology Program, Children's Hospital Colorado, 2020 – Current
  - Program Director, Pediatric Urology Fellowship, Children's Hospital Colorado, 2020 – Current
    - Associate Program Director, Pediatric Urology Fellowship, Jan 2019 – July 2020
- **Assistant Professor, August 2013 – June 2019**  
Department of Surgery, Division of Urology, University of Colorado School of Medicine, *Aurora, CO*

## EDUCATION

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### CLINICAL EDUCATION

- **Fellow, July 2011 – June 2013**
  - Research Fellow in Cancer Biology, *July 2012 – June 2013*  
Department of Cancer Biology, University of Cincinnati College of Medicine, *Cincinnati, OH*
    - Mentored under Maria Czyzyk-Krzeska, M.D., Ph.D. – Characterizing and therapeutically targeting autophagic pathways in Renal Cell Carcinoma.
  - Clinical Fellow in Pediatric Urology, *July 2011 – June 2012*  
Division of Pediatric Urology, Cincinnati Children's Hospital Medical Center, *Cincinnati, OH*
- **Clinical Fellow in Urologic Oncology, July 2010 – June 2011**  
Department of Urology, University of Texas Southwestern Medical Center, *Dallas, TX*
- **Chief Resident, July 2009 – June 2010**

Administrative Chief Resident

Department of Urology, University of Texas Southwestern Medical Center, *Dallas, TX*

- **Resident, July 2006 – June 2009**  
Department of Urology, University of Texas Southwestern Medical Center, *Dallas, TX*
- **Intern, July 2005 – June 2006**  
Department of Surgery, University of Texas Southwestern Medical Center, *Dallas, TX*

### **DIDACTIC EDUCATION**

- **Graduate School**
  - **Master of Science in Clinical Science (MSCS), June 2017 – Current**  
University of Colorado - Anschutz Medical Center, *Aurora, CO*
  - **Department of Clinical Science, July 2010 – June 2011**  
University of Texas Southwestern Medical Center, *Dallas, TX*
- **Doctor of Medicine Diploma (M.D.), July 2001 – June 2005**  
Emory University School of Medicine, *Atlanta, GA*
- **Bachelor of Science in Chemistry (B.S), magna cum laude, August 1997 – May 2001**  
College of Arts and Science, Vanderbilt University, *Nashville, TN*  
Minor Concentrations: Italian and Molecular Biology

### **AWARDS**

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- Nominated and Inducted as a Member, *The Gold Humanism Honor Society, 2019*
- Nominated by the South Central Section of American Urological Association (AUA) for the *Gold Cystoscope Award* - presented to one urologist annually, distinguished by outstanding contributions to the profession and must be within ten years of completing residency, *2019*
- Abstract Prize Finalist – Basic Science, Society for Pediatric Urology Fall Congress, *September 2019*
- American Urological Association (AUA) Leadership Program, South Central Section Representative, *2018-19*
- *5280 Top Doctors in Denver List, 2017 and 2020*
- *Colorado Parent Top Pediatric Doctors in Denver List, 2017*
- Annual Faculty Teaching Award, *University of Colorado School of Medicine, Division of Urology, 2017*
- Excellence in Direct Teaching Award, *Academy of Medical Educators, 2017*
- Outstanding Reviewer Award, *Journal of Urology, 2017 and 2014*
- Star Reviewer, *Urologic Oncology: Seminars and Original Investigation, 2019, 2018, 2016*
- Top Reviewer, *Urology, 2015 and 2016*
- Provider of the Month, *Children’s Hospital Colorado, June 2015*
- Top 10 Reviewer, *Journal of Pediatric Urology*
  - *2013, 2014*
- Abstract Prize Finalist, Society for Pediatric Urology (SPU) 62<sup>nd</sup> Annual Meeting, *May 2014*
- Young Investigator Award from the Kidney Cancer Association (KCA), *October 2013*
- Best Poster from Session “Pediatrics: Trauma/Tumors/Stone Disease and Infection/Imaging.” 103<sup>rd</sup> American Urological Association (AUA) Annual Meeting, Orlando, FL, *May 2008*
- Academic Achievement Award from University of Texas Southwestern Medical Center

Department of General Surgery, 2006

- Member of the *Alpha Omega Alpha (AOA)* Honor Medical Society, 2005
- Member of the *Phi Beta Kappa (ΦBK – Member #1048802)* Academic Honor Society, 2001
- Graduated *magna cum laude*, Bachelor of Science (B.S.), 2001
- Dean's Honor List, Faculty of Arts and Sciences, 1997-2001
- Member of the *Order of Omega* Honor Society, 2000-2001
- Member of *Gamma Beta Phi* Academic Honor Society, 1998

## RESEARCH FUNDING

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### 1. **National Institutes of Health (NIH)/National Institute of Diabetes, Digestive, and Kidney Diseases (NIDDK) Mentored Career Development Award (K23 DK125673)**

Principal Investigator: Nicholas G. Cost, M.D.

Mentors: Duncan Wilcox, M.D. and Anna Malykhina, Ph.D.

Timeline: July 2020 to April 2024

Amount: \$646,905

Title: "Impact of Chemotherapy on Bladder Function in Children."

Description: Investigation of the effects of cytotoxic chemotherapy on the bladder in children with cancer. We will survey exposed children for symptoms of bladder dysfunction as well as use a murine model exposed to these cytotoxic agents and determine the physiologic impact and molecular changes induced by this exposure.

### 2. **University of Colorado – Colorado Clinical and Translational Science Institute (CCTSI) Career Development Award – Supported by Children's Hospital Colorado (CHCO)**

Principal Investigator: Nicholas G. Cost, M.D.

Mentors: Duncan Wilcox, M.D. and Anna Malykhina, Ph.D.

Timeline: January 2017 to December 2019

Amount: \$375,000

Title: "Impact of Systemic Cytotoxic Chemotherapy on Bladder Function in Children."

Description: Investigation of the effects of cytotoxic chemotherapy on the bladder in children with cancer. We will survey exposed children for symptoms of bladder dysfunction as well as use a murine model exposed to these cytotoxic agents and determine the physiologic impact and molecular changes induced by this exposure.

### 3. **Academic Enrichment Funds (AEF) Seed Grant from the University of Colorado Denver Anschutz Medical Campus, Department of Surgery**

Principal Investigator: Nicholas G. Cost, M.D.

Timeline: August 2015 to August 2016

Amount: \$10,000

Title: "Treatment Induced Hypogonadism in Men with Testicular Cancer."

Description: Exploratory pilot study investigating the impact of the change in serum markers of gonadal function from before orchiectomy to one-year following completion of testicular cancer therapy on patient reported symptoms of hypogonadism.

### 4. **Academic Enrichment Funds (AEF) Seed Grant from the University of Colorado Denver Anschutz Medical Campus, Department of Surgery**

Principal Investigator: Nicholas G. Cost, M.D.

Timeline: August 2014 to August 2016

Amount: \$20,000 per year for 2 years (\$40,000 total)

Title: “Investigating the use of retroperitoneal lymph node dissection (RPLND) as an alternative local control strategy for low-volume, clinical stage II testicular seminoma.”

Description: Competitive Seed Grant Recipient to fund a nation-wide patient and provider survey on attitudes towards the potential use of RPLND for Low-Volume Clinical Stage II Testicular Seminoma.

## JOURNAL PUBLICATIONS

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1. Geller JI, **Cost NG**, Chi YY, Tornwall B, Cajaiba M, Perlman EJ, Kim K, Mullen E, Glick RD, Khanna G, Daw NC, Ehrlich P, Fernandez CV and Dome JS. A Prospective Study of Pediatric and Adolescent Renal Cell Carcinoma: A Report from the Children’s Oncology Group (COG) Study AREN032. *Cancer*. 2020; 126(23):5156-5164.
2. Schneider KW, **Cost NG**, Schultz KAP, Svihovec S, Suttman A. Germline predisposition to genitourinary rhabdomyosarcoma. *Transl Androl Urol*. 2020; 9(5):2430-2440.
3. Gilligan T, Lin DW, Aggarwal R, Chism D, **Cost N**, Derweesh IH, Emamekhoo H, Feldman DR, Geynisman DM, Hancock SL, LaGrange C, Levine EG, Longo T, Lowrance W, McGregor B, Monk P, Picus J, Pierorazio P, Rais-Bahrami S, Saylor P, Sircar K, Smith DC, Tzou K, Vaena D, Vaughn D, Yamoah K, Yamzon J, Johnson-Chilla A, Keller J, Pluchino LA. Testicular Cancer, Version 2.2020, NCCN Clinical Practice Guidelines in Oncology. *Journal of the National Comprehensive Cancer Network*. 2019; 17(12):1529-1554.
4. Saltzman AF, Smith DE, Gao D and **Cost NG**. Lymph Node Yield in Pediatric, Adolescent and Young Adult Renal Cell Carcinoma - How Many Are Enough? *Journal of Pediatric Surgery*. 2020; 55(10):2030-2034.
5. Rodrigues Pessoa R, Maccini M, Caldwell BT, Maroni P and **Cost NG**. Optimal approach to small unilateral testicular nodules: can we reliably predict tumor histology based on size? *Urology Practice*. 2021; 8: 119-124,
6. Saltzman AF, Carrasco A, Amini A, and **Cost NG**. Patterns of Care and Survival Comparison of Adult and Pediatric Wilms Tumor in the United States: A Study of the National Cancer Database. *Urology*. 2020; 135: 50-56.
7. Walker JP, Johnson J, Eguchi M, Saltzman AF, Cockburn M, **Cost NG**. Factors affecting lymph node sampling patterns and the impact on survival of lymph node density in patients with Wilms tumor: A Surveillance, Epidemiology, and End Result (SEER) database review. *Journal of Pediatric Urology*. 2020; 16(1): 81-88.
8. Saltzman AF, Smith, DE, Gao D, Ghosh D, Amini A, Aldrink JH, Dasgupta R, Gow KW, Glick RD, Ehrlich PF and **Cost NG**. How Many Lymph Nodes Are Enough? Assessing the Adequacy of Lymph Node Yield for Staging in Favorable Histology Wilms Tumor. *Journal of Pediatric Surgery*. 2019; 54(11): 2331-2335.
9. Higgins M, Smith D, Gao D, Wilcox DT, **Cost NG**, Saltzman AF. The Impact of Age at Orchiopexy on Testicular Cancer Outcomes. *World Journal of Urology*. 2020; 38(10):2531-2536..
10. Hecht SL, Walker JP, Treece AL, **Cost NG**. Isolated pure malignant rhabdoid tumor (MRT) of the bladder: case report and lessons learned. *Urology*. 2020; 137:164-167.
11. Iguchi N, Donmez MI, Carrasco A, Wilcox DT, Pineda RH, Malykhina AP, **Cost NG**. Doxorubicin induces detrusor smooth muscle impairments through myosin dysregulation, leading to a risk of lower

- urinary tract dysfunction. *American Journal of Physiology-Renal Physiology*. 2019; 317(1):F197-F206.
12. Halstead NV, **Cost NG**, Hecht SL, Walker JP. Neurofibromatosis-1 and Rhabdomyosarcoma: An Unusual Recurrence. *Urology*. 2020; 137:168-172.
  13. Saltzman AF, Carrasco A, Hecht S, Walker J, Caldwell BT, Bruny J and **Cost NG**. A Decision Tree to Guide Long Term Venous Access Placement in Children and Adolescents Undergoing Surgery for Renal Tumors. *Journal of Pediatric Surgery*. 2020; 55(7): 1334-1338.
  14. Lyon M, **Cost N**, Meacham R, Saltzman A. "Extirpative Renal Surgery Volume in Training - Different Roads to the (Same?) Destination." *World Journal of Urology*. 2020; 38(9): 2221-2226.
  15. Padmanabhan P, Riley JM, **Cost NG**, and Peters CA. Adherence to AUA Clinical Guidelines: Motivations and Barriers. *Urology Practice*. 2020; 7: 91-97.
  16. Saltzman AF, Stokes W, Walker J, and **Cost NG**. Factors Related to Lymph Node Sampling at the Time of Surgery in Children, Adolescents and Young Adults with Unilateral Non-Metastatic Renal Cell Carcinoma. *Journal of Pediatric Urology*. 2019; 15(3): 259.e1-259.e7.
  17. Caldwell BT, Saltzman AF, Maccini MA and **Cost NG**. Appropriateness for Testis Sparing Surgery Based on Testicular Tumor Size in a Pediatric and Adolescent Population. *Journal of Pediatric Urology*. 2019; 15(1): 70.e1-70.e6.
  18. Walker JP, Meyers LM, Saltzman AF, Hecht SL, **Cost NG**. The Natural History of Wilms Tumor - A Case Comparison of Two Different Tumors. *Urology*. 2019; 130:151-154.
  19. Walker JP, Saltzman AF, Kessler ER, and **Cost NG**. Adult Wilms Tumor During Pregnancy - Case Report and Literature Review. *Urology*. 2019; 129:200-205.
  20. Warncke JC, Saltzman AF, Maroni PD, Danesmand S and **Cost NG**. Retroperitoneal Lymph Node Dissection (RPLND) as an alternative treatment strategy for low-volume, clinical stage II testicular seminoma: a survey of patients and providers. *Urology Practice*. 2019; 6: 249-255.
  21. Goodstein T, **Cost NG**, Campbell JB, Vemulakonda V, Wilcox D, Saltzman AF. A contemporary analysis of pediatric urology surgical volume at a tertiary care center. *Urology*. 2019; 125:179-183.
  22. Aldrink JA, **Cost NG**, McLeod DJ, Bates G, Stanek JP, Smith EA and Ehrlich PF. Technical considerations for nephron-sparing surgery in children: what is needed to preserve renal units? *Journal of Surgical Research*. 2018; 232: 614-620.
  23. Johnson JS, Saltzman AF, Treece AL and **Cost NG**. A case of IgG4-related renal pseudotumor in a child with history of Wilms tumor. *Urology Case Reports*. 2018; 21: 107-108
  24. Peard L, **Cost NG**, Saltzman AF. Dermatofibrosarcoma Protuberans in a Male Infant. *Urology*. 2019; 129: 206-209.
  25. Islam M, Saltzman AF, Amini A, Carrasco A, **Cost NG**. Factors Influencing Overall Survival of Children, Adolescents and Young Adults with High Risk Renal Tumors. *Urology*. 2018; 120: 222-230.
  26. Cajaiba MM, Dyer LM, Geller JI, Jennings LJ, George D, Kirschmann D, Rohan SM, **Cost NG**, Khanna G, Mullen EA, Dome JS, Fernandez CV, Perlman EJ. The classification of pediatric and young adult renal cell carcinomas registered on the Children's Oncology Group (COG) protocol AREN03B2 after focused genetic testing. *Cancer*. 2018; 124(16): 3381-3389.
  27. Saltzman AF, Warncke JC, Colvin AN, Carrasco A, Roach JP, Bruny JL and **Cost NG**. Development of a Post-Operative Care Pathway for Children with Renal Tumors. *Journal of Pediatric Urology*. 2018;14(4): 326.e1-326.e6.
  28. Saltzman AF, Carrasco A, Colvin AN, Meyers ML and **Cost NG**. Can a Modified Bosniak

Classification System Risk Stratify Pediatric Cystic Renal Masses? *Journal of Urology*. 2018; 200(2):434-439.

29. Saltzman AF, Carrasco Jr. A, Weinman J, Meyers M, **Cost NG**. Initial Imaging for Pediatric Renal Tumors: An Opportunity for Improvement. *Journal of Urology*. 2018; 199(5):1330-1336.
30. Brodie KE, Saltzman AF, **Cost NG**. Adolescent Testicular Microlithiasis: A Case-Based, Multinational Survey of Clinical Management Practices. *Journal of Pediatric Urology*. 2018; 14(2): 151.e1-151.e8.
31. Stokes CL, Stokes WA, Kalapurakal JA, Paulino AC, **Cost NG**, Cost CR, Garrington TP, Greffe BS, Roach JP, Bruny JL, Liu AK. Timing of Radiation Therapy in Pediatric Wilms Tumor: A Report From the National Cancer Database. *Int J Radiat Oncol Biol Phys*. 2018; 101(2):453-461
32. Luckie TM, Danzig M, Zhou S, Wu H, **Cost NG**, Karaviti L, Venkatramani R. A Multicenter Retrospective Review of Pediatric Leydig Cell Tumor of the Testis. *Journal of Pediatric Hematology Oncology*. 2019; 41(1):74-76.
33. Saltzman AF and **Cost NG**. Current Treatment of Pediatric Bladder and Prostate Rhabdomyosarcoma. *Current Urology Reports*. 2018; 22; 19(1):11.
34. Colvin A, Saltzman AF, Walker J, Bruny J, **Cost NG**. Metastatic Pheochromocytoma in an Asymptomatic 12-year old with Von Hippel-Lindau. *Urology*. 2018; 119:140-142.
35. **Cost NG**, Aldrink JH, Saltzman AF, Dasgupta R, Gow KW, Glick R, Ehrlich PF. Current State of Renal Tumor Surgery among Pediatric Surgeons and Pediatric Urologists - A Survey of American Pediatric Surgery Association (APSA) and Society for Pediatric Urology (SPU) Members. *Journal of Pediatric Urology*. 2018; 14(2): 168.e1-168.e8.
36. Saltzman AF, Carrasco A, Amini A, Aldrink JH, Dasgupta R, Gow KW, Glick RD, Ehrlich PF and **Cost NG**. Patterns of Lymph Node Sampling and the Impact of Lymph Node Density in Favorable Histology Wilms Tumor: An Analysis of the National Cancer Database. *Journal of Pediatric Urology*. 2018; 14(2): 161.e1-161.e8.
37. Saltzman AF and **Cost NG**. Adolescent and Young Adult Testicular Germ Cell Tumors: Special Considerations. *Advances in Urology*. 2018; e2375176
38. Schultz KAP, Harris AK, Finch M, Dehner LP, Brown JB, Gershenson DM, Young RH, Field A, Yu W, Turner J, **Cost NG**, Schneider DT, Stewart DR, Frazier AL, Messinger Y, Hill DA. DICER1-related Sertoli-Leydig cell tumor and gynandroblastoma: Clinical and genetic findings from the International Ovarian and Testicular Stromal Tumor Registry. *Gynecologic Oncology*. 2017; 147:521–527
39. Carrasco A, Caldwell BT, Cost CR, Greffe BS, Garrington TP, Bruny JL, Black JO, and **Cost NG**. Reliability of Intraoperative Frozen Section for the Diagnosis of Renal Tumors Suspicious for Malignancy in Children and Adolescents. *Pediatric Blood and Cancer*. 2017; 64(8): e26458.
40. Sandberg JK, Mullen EA, Cajaiba MM, Smith EA, Servaes S, Perlman EJ, Geller JI, Ehrlich PF, **Cost NG**, Dome JS, Fernandez CV, Khanna G. Imaging of renal medullary carcinoma in children and young adults: a report from the Children's Oncology Group. *Pediatric Radiology*, 2017; 47(12):1615-1621.
41. **Cost NG**, Ross JH, Ferrer FA, Lorenzo AJ, Shnorhavorian M, Routh JC, Kieran K, and Ritchey ML. Patterns of Performance of Surgical Oncology by North American Pediatric Urologists - a Report from the Pediatric Urologic Oncology Working Group (PUOWG) of the Society for Pediatric Urology (SPU). *Journal of Urology*. 2017; 197(5):1349-1354.
42. Stokes W, Amini A, Maroni PD, Kessler ER, Stokes C, Cost CR, Greffe BS, Garrington TP, Liu AK and **Cost NG**. Patterns of Care and Survival Outcomes for Adolescent and Young Adult Patients with

- Testicular Seminoma in the United States: A National Cancer Database Analysis. *Journal of Pediatric Urology*. 2017; 13(4):386.e1-386.e7.
43. Saltzman AF, Carrasco A, Maccini M, Treece A, Caldwell B, **Cost NG**. Large Cystic Metanephric Adenoma in a 15 year old Girl. *Urology*. 2017; 101:147-150..
  44. Warncke JC, Brodie KE, Grantham EC, Catarinicchia SP, Tong S, Kondo KL, **Cost NG**. Pediatric Renal Angiomyolipomas in Tuberous Sclerosis Complex. *Journal of Urology*. 2017; 197(2):500-506.
  45. Syed JS, Nguyen KA, Wu CQ, **Cost NG**, Siddiqui M, Hittelman AB, Shuch B. Distinguishing Pediatric and Adolescent Renal Cell Carcinoma From Other Renal Malignancies. *Pediatric Blood and Cancer*. 2017; 64(5): e26315.
  46. **Cost NG**, Ferrer FA, Lorenzo AJ, Shnorhavorian M, Kieran K, Routh JC, Ritchey ML and Ross JH. A Society for Pediatric Urology (SPU) Workforce Survey on the Current Perceptions of Oncology Care by Pediatric Urologists - a Report from the Pediatric Urologic Oncology Working Group (PUOWG) of the SPU. *Journal of Urology*. 2017; 197(3 Pt 2):892-897.
  47. Rove KO, Maroni PD, Cost CR, Fairclough DL, Giannarini G, Harris AK, Schultz KAP, **Cost NG**. Pathologic Risk Factors for Metastatic Disease in Post-pubertal Patients with Clinical Stage I Testicular Stromal Tumors. *Urology*. 2016; 97:138-144
  48. Amini A, Waxweiler TV, Maroni PD, Kessler ER, Cost CR, Greffe BS, Garrington TP, Liu AK, and **Cost NG**. Survival Outcomes of Adolescent and Adult Patients with Non-Seminomatous Testicular Germ-Cell Tumors: A Population-Based Study. *Journal of Pediatric Urology*. 2016; 12(6):405.e1-405.e9
  49. **Cost NG**, Caldwell BT, Adibi M, Raj GV, Sagalowsky AI and Margulis V. Do Referral Patterns in Adolescents and Young Adults with Testicular Cancer Impact Oncologic Outcomes? *Journal of Adolescent and Young Adult Oncology*. 2016; 5(3):248-53.
  50. **Cost NG**, Stock JA. Current and Future Issues in Pediatric and Adolescent Urologic Oncology. *Urology*. 2016; 91:174.
  51. Brodie KE and **Cost NG**. An Update on Current Treatment Options of Pediatric Genitourinary Tract Tumors. *Current Treatment Options in Pediatrics*. Accepted for publication January 2016.
  52. Caldwell BT, Cost CR and **Cost NG**. Large Bladder Mass and Renal Failure in a 14-Year-Old Boy. *Oncology (Williston Park)*. 2015; 29(12):924-8.
  53. **Cost NG**, Stock JA. The future of pediatric and adolescent urologic oncology as a subspecialty: Gains and growth via research, education, and quality improvement. *Urologic Oncology: Seminars and Original Investigations*. 2016; 34(2):61-2.
  54. **Cost NG**, Stock JA. A brief history of pediatric urologic oncology as a subspecialty. *Urologic Oncology: Seminars and Original Investigations*. 2016; 34(1):7-8.
  55. Rove KO, Maroni PD, Cost CR, Fairclough DL, Giannarini G, Harris AK, Schultz KA, **Cost NG**. Pathologic Risk Factors in Pediatric and Adolescent Patients with Clinical Stage I Testicular Stromal Tumors. *Journal of Pediatric Hematology and Oncology*. 2015; 37(8):e441-6.
  56. Ha SC, Zlomke HA, **Cost N**, Wilson S. The Past, Present, and Future in Management of Small Renal Masses. *Journal of Oncology*. 2015:364807.
  57. Grantham EC, Caldwell BT, **Cost NG**. Current Urologic Care for Testicular Germ Cell Tumors in Pediatric and Adolescent Patients. *Urologic Oncology: Seminars and Original Investigations*. 2016; 34(2):65-75.

58. Geller JI, Ehrlich PF, **Cost NG**, Khanna G, Mullen EA, Gratijs EJ, Naranjo A, Done JS, Perlman EJ. Characterization of Adolescent and Pediatric Renal Cell Carcinoma: a Report from the Children's Oncology Group Study AREN03B2. *Cancer*. 2015; 121(14):2457-2464.
59. **Cost NG** and Czyzyk-Krzeska MF. Regulation of autophagy by two products of one gene: TRPM3 and miR-204. *Molecular & Cellular Oncology*. 2015; 2(4): e1002712
60. Waxweiler TV, Rusthoven CG, Proper MS, Cost C, **Cost NG**, Donaldson N, Heare T, Garrington T, Greffe B, Macy M, Liu AK. Non-rhabdomyosarcoma Soft Tissue Sarcomas in Children: A Surveillance, Epidemiology and End Results Analysis. *International Journal of Radiation Oncology, Biology, Physics*. 2015; 92(2):339-48.
61. Hall D\*, **Cost NG\***, Hedge S\*, Kellner E, Mikhaylova O, Stratton Y, Ehmer B, Abplanalp WA, Pandey R, Biesiada J, Harteneck C, Plas DR, Meller J, Czyzyk-Krzeska MF. TRPM3 and miR-204 Establish a Regulatory Circuit that Controls Oncogenic Autophagy in Clear Cell Renal Cell Carcinoma. *Cancer Cell*. 2014; 26(5):738-53. \* - indicates co-primary authors.
62. **Cost NG**, Lubahn JD, Adibi M, Romman A, Wickiser JE, Raj GV, Sagalowsky AI, and Margulis V. Risk Stratification for Pubertal Children and Post-pubertal Adolescents with Clinical Stage I Testicular Non-Seminomatous Germ Cell Tumors. *Journal of Urology*. 2014; 191(5 Suppl):1485-90.
63. **Cost NG**, Lubahn JD, Adibi M, Romman A, Wickiser JE, Raj GV, Sagalowsky AI, and Margulis V. A Comparison of Pediatric, Adolescent and Adult Testicular Germ Cell Malignancy. *Pediatric Blood and Cancer*. 2014; 61(3):446-51.
64. **Cost NG**, Maroni P and Flaig TW. Metastatic Relapse After Initial Clinical Stage I Testicular Leydig Cell Tumor. *Oncology (Williston Park)*. 2014; 28(3):211-4.
65. **Cost NG**, DeFoor WR Jr, Crotty EJ and Geller JI. The Initial Experience with RENAL Nephrometry in Children, Adolescents, and Young Adults with Renal Tumors. *Pediatric Blood and Cancer*. 2014; 61(8):1434-9.
66. Wang HH, Abern MR, **Cost NG**, Chu DI, Ross SS, Wiener JS and Routh JC. Use of Nephron Sparing Surgery and Impact on Survival in Children with Wilms Tumor: A SEER Analysis. *Journal of Urology*. 2014; 192(4):1196-1202.
67. **Cost NG**, Sawicz-Birkowska K, Kajbafzadeh AM, Tourchi A, Parigi GB, Guillén G, DeFoor WR and Apoznanski W. A Comparison of Renal Function Outcomes after Nephron-Sparing Surgery and Radical Nephrectomy for non-Syndromic Unilateral Wilms Tumor. *Urology*. 2014; 83(6):1388-93.
68. **Cost NG**, Liss ZJ, Bean CM, Geller JI, Minevich EA and Noh PH. Pre-Chemotherapy Robotic-Assisted Laparoscopic Radical Nephrectomy for an Adolescent with Wilms Tumor. *Journal of Pediatric Hematology and Oncology*. 2015; 37(2):e125-e127.
69. Tasian GE, **Cost NG**, Granberg CF, Pulido JE, Rivera M, Schwen Z, Schulte M, and Fox JK. Tamsulosin and the spontaneous passage of ureteral stones in children. *Journal of Urology*. 2014; 192(2):506-11.
70. Chalmers DJ, O'Donnell CI, Casperson KJ, Bergard SC, Hou AH, Nuss GR, **Cost NG**, Wilcox DT. Normal anatomic relationships in prepubescent female external genitalia. *Journal of Pediatric Urology*. 2014; 10(6):1117-21.
71. Bansal D, **Cost NG**, Bean CM, Minevich EA, Noh PH. Pediatric urological laparo-endoscopic single site surgery: Single surgeon experience. *Journal of Pediatric Urology*. 2014; 10(6):1170-5.
72. Bansal D, **Cost NG**, Bean CM, Vanderbrink BA, Schulte M, Noh PH. Infant robot-assisted laparoscopic upper urinary tract reconstructive surgery. *Journal of Pediatric Urology*. 2014; 10(5):869-74.
73. Bansal D, **Cost NG**, Bean CM, Noh PH. Pediatric laparo-endoscopic single site partial nephrectomy:



- Feasibility in infants and small children for upper urinary tract duplication anomalies. *Journal of Pediatric Urology*. 2014; 10(5):859-63.
74. Bansal D, **Cost NG**, Defoor WR Jr, Reddy PP, Minevich EA, Vanderbrink BA, Alam S, Sheldon CA, Noh PH. Infant robotic pyeloplasty: Comparison with an open cohort. *Journal of Pediatric Urology*. 2014; 10(2):380-5.
  75. Bansal D, **Cost NG**, Bean CM, Riachy E, Defoor WR Jr, Reddy PP, Minevich EA, Noh PH. Comparison of Pediatric Robotic-assisted Laparoscopic Nephroureterectomy and Laparoendoscopic Single-site Nephroureterectomy. *Urology*. 2014; 83(2):438-42.
  76. **Cost NG**, Krabbe LM, Bagrodia A and Margulis V. The use of pre-operative targeted molecular therapy to allow nephron-sparing for T1b tumors. *Current Opinion in Urology*. 2013; 23(5):411-7.
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## BOOK CHAPTERS AND REVIEWS

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1. **Cost, N.**: Childhood Renal Tumors. *Audio Digest Urology* 43:24 (December 21) 2020
2. Ritchey ML, **Cost NG** and Shamberger RC. "Pediatric Urologic Oncology: Neuroblastoma, Wilms Tumor and Other Renal Tumors." *Campbell-Walsh-Wein Textbook of Urology, 12<sup>th</sup> Edition*. Eds. Partin, Dmochowski, Kavoussi, and Peters. 2020.
3. Romero N, Walker J, **Cost N**, Saltzman A. "Partial Nephrectomy for Multifocal Unilateral Wilms tumor in a Patient with Hemihypertrophy." Video accepted to AUA Core Curriculum.
4. Peard L, Catarinicchia S, **Cost N**, Saltzman A. "Tips and Tricks for Radical Orchiectomy." Video accepted to AUA Core Curriculum.
5. Peard L, **Cost NG**, Saltzman AF. Pediatric Pheochromocytoma: Current Status of Diagnostic Imaging and Treatment Procedures. *Current Opinion in Urology*. 2019. 29(5): 493-99.
6. Saltzman AF and **Cost NG**. "Childhood Kidney Tumors." *2018 AUA Update Series, Lesson 18*.
7. Geller JI, **Cost NG**, Cajaiba MM. "Chapter 9: TFE/Translocation Morphology Renal Cell Carcinoma." *Rare Kidney Tumors*. Ed G Malouf. 2018.
8. **Cost NG**. "Pediatric Urologic Oncology." *Online Educational Module for AUA Core Curriculum*. Eds. VanderBrink, Schlusser. 2017.
9. Saltzman AS, Carrasco AC and **Cost NG**. "Pediatric urologic oncology." *Pediatric Urology for Primary Care Published by the AAP*. 2017
10. Caldwell BT, Wilcox DT and **Cost NG**. "Current Management for Pediatric Urologic Oncology." *Adv Pediatr*. 64(1):191-223. 2017
11. Carrasco AC and **Cost NG**. "Testicular and Para-testicular Tumors." *Consent in Pediatric Urology*. Eds. Godbole, Wilcox and Koyle. 2016.
12. Carrasco AC and **Cost NG**. "Bladder and Prostate Rhabdomyosarcoma." *Consent in Pediatric Urology*. Eds. Godbole, Wilcox and Koyle. 2016.
13. **Cost NG**. "Modern Day Wilms Tumor Treatment." *AUA News*, pages 21-22. May 2016.
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15. **Cost NG**, Routh JC, Kieran K. "Genitourinary Rhabdomyosarcoma." *Pediatric Urology Online Textbook*. Eds. Wilcox, Godbole and Cooper, 2014.
16. **Cost NG** and DeFoor WR. Renal Malignancies in Adolescents and Young Adults. *2013 AUA Update Series, Lesson 26*.
17. **Cost NG** and Noh PH. Minimally Invasive Pediatric Urologic Oncology. *Pediatric Endourology Techniques, 2<sup>nd</sup> Edition, In Press*.
18. **Cost NG** and Noh PH. Pediatric Genitourinary Rhabdomyosarcoma, *5 Minute Urology Consult 3<sup>rd</sup> Edition*.
19. **Cost NG** and Noh PH. Pediatric Testis, tumor and mass, *5 Minute Urology Consult 3<sup>rd</sup> Edition*.

20. **Cost NG** and Noh PH. Sacral Agenesis, Urologic Considerations, *5 Minute Urology Consult 3<sup>rd</sup> Edition*.
21. **Cost NG** and Noh PH. Minimally Invasive Management of Pediatric Inguinal Hernias. *The Kelalis-King-Belman Textbook of Clinical Pediatric Urology, 6th Edition, In Press*.
22. Bush NC, Holzer M, **Cost NG** and Baker LA. Anatomic Penile Abnormalities. *BMJ Point of Care: Epocrates*. <https://online.epocrates.com/dx>. Ed. Gemmell, R. 2009.
23. **Cost NG** and Wilcox DT. Enuresis. *BMJ Point of Care: Epocrates*. <https://online.epocrates.com/dx>. Ed. Gemmell, R. 2008.

## INVITED LECTURES

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### National/International

1. "Pediatric Renal Tumors." *Virtual Visiting Professorship. University of Oklahoma Health Sciences Center, Department of Urology. February 2021*.
2. "Why did I develop testicular cancer?" *Testicular Cancer Conference. Virtual. January 2021*.
3. "How Testis-Sparing Surgery Fits In." *Testicular Cancer Conference. Virtual. January 2021*.
4. "Non-Wilms Childhood Renal Tumors." *Virtual Grand Rounds, Department of Urology, University of California – Irvine. August 2020*.
5. "Surgical Management of Wilms Tumor: The Present and Future." *Virtual Visiting Professorship. University of Texas Southwestern Medical School, Department of Urology. May 2020*.
6. "Childhood Renal Tumors." *Pediatric Urology Fellowship Lectures Online (PedsUroFLO). University of California – San Francisco. April 2020*.
7. "Micro RNA as a serum tumor marker in testicular cancer." *Testicular Cancer Conference. Denver, Colorado. October 2019*.
8. "Why did I develop testicular cancer?" *Testicular Cancer Conference. Denver, CO. October 2019*.
9. Organizing Chair for Pre-Congress Day: "Pediatric Urologic Oncology." *Sociedad Iberoamericana de Urología Pediátrica (SIUP). Buenos Aires, Argentina. October 2019*.
  - a) "Pediatric Renal Tumors."
  - b) "Role of Minimally Invasive Surgery, Nephron Sparing Surgery in Pediatric Renal Tumors."
  - c) "Pediatric Testicular and Para-testicular Tumors."
10. "Surgical Management of Translocation Renal Cell Carcinoma." *International Translocation Renal Cell Carcinoma Symposium. Beijing, China. July 2018*.
11. "American Urological Association Plenary Session: Preserving Fertility in Pediatric Cancer Patients." *American Urological Association (AUA) Annual Meeting. San Francisco, CA. May 2018*.
12. "Relevant Health Issues in Pediatric Oncology Survivorship." *AUA Congenitalism Working Group: American Urological Association (AUA) Annual Meeting. San Francisco, CA. May 2018*.
13. "Renal Cell Carcinoma (RCC) in Children, Adolescents and Young Adults: Diagnosis and Management." *American Society of Pediatric Hematology/Oncology (ASPHO) Annual Meeting. Pittsburgh, PA May 2018*.
14. "Performing Pediatric Robotic Surgery in an Adult Hospital." *North American Robotic Urology Symposium (NARUS). Las Vegas, NV. February 2018*.
15. "Renal Cell Carcinoma (RCC) in Children, Adolescents and Young Adults: Diagnosis and

Management.” *49th Congress of the International Society of Paediatric Oncology (SIOP)*. Washington, D.C. October 2017.

16. “Future Potential for Thermal Ablation in Pediatric Renal Masses.” *International WAGR (Wilms tumor Aniridia Genitourinary Anomalies) Symposium*. Ann Arbor, MI. May 2017.
17. “Multi-disciplinary Approaches to a New Diagnosis in Pediatric and Adolescent Urologic Oncology.” *Visiting Professor at the Cincinnati Children’s Hospital Medical Center’s Pediatric Urology Workshop*. Cincinnati, OH. March 2017.
18. “RCC in Adolescents and Young Adults (AYAs): Diagnosis and Management.” *Kidney Cancer Association 15th Kidney Cancer Symposium*. Miami, FL. November 2016.
19. “Risk of Gonadal Malignancy in DSD: Current Data and Progress Towards Risk Stratification.” *AIS-DSD Annual Conference*. Denver, CO. July 2016
20. “SPU Workforce Survey: Current Perceptions of Oncology Care by Pediatric Urologists.” *Society for Pediatric Urology (SPU)*. San Diego, CA. May 2016
21. “Wilms Tumor - COG (American) vs. SIOP (Europe): What is new in 2015?” *European Society of Pediatric Urology (ESPU)*. Prague, Czech Republic. October 2015.
22. “IVC Tumor Thrombus from Recurrent Metastatic Testicular Germ Cell Tumor.” *Children’s Oncology Group (COG)*. *COG Fall Meeting, Surgery Education Session*. Dallas, TX. October 2015.
23. “Wilms Tumor and Neuroblastoma.” *Grand Rounds, Department of Urology, University of California – Irvine*. August 2015.
24. “Referral Patterns in Testicular Cancer: Do They Impact Oncologic Outcomes?” *Young Urologic Oncology Invited Podium Presentation at the Society of Urologic Oncology (SUO) Annual Meeting*. Bethesda, MD. December 2014.
25. “Hereditary Kidney Cancer: Beyond VHL.” *Kidney Cancer Association 13th Kidney Cancer Symposium*. Chicago, IL. October 2014.
26. Organizer and Moderator, “Pediatric Urologic Oncology Working Group Panel Discussion: Pros and Cons of Minimally-Invasive Surgery in the Management of Renal Tumors in Children and Adolescents.” *Society for Pediatric Urology Fall Congress*. Las Vegas, NV. September 2013.
27. “The Adolescent Gap in Testicular Cancer.” *University of Kentucky Medical Center, Visiting Professor, Division of Urology Grand Rounds*. Lexington, KY. June 2013.
28. “Master Class: An update of Children’s Oncology Group protocols and current management of pediatric and adolescent testicular tumors.” *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology*. New Orleans, LA. October 2012.

### **Regional**

1. “State of the Art Lecture: Current Management of Children, Adolescents and Young Adults with Testicular Malignancy.” *South Central Section of the American Urological Association (SCS-AUA) Meeting*. Scottsdale, AZ. October 2015.
2. “Minimally Invasive Surgery for Kidney Cancer: Children, Adolescents and Young Adults.” *South Central Section of the American Urological Association (SCS-AUA) Meeting*. Colorado Springs, CO. October 2016.
3. “Kidney Cancer Panel Discussion - Moderator.” *Rocky Mountain Urologic Society (RMUS) Annual Meeting*. Denver, CO. April 2017.

## Local

1. "Testicular and Para-testicular Malignancy in Children and Adolescents." *Grand Rounds, Division of Pediatric Surgery, Children's Hospital Colorado. Aurora, CO. March 2021.*
2. "Hereditary Kidney Cancer and the Role of Genetic Testing." *University of Colorado, Division of Medical Oncology – Fellows Conference. Aurora, CO. June 2020.*
3. "Updates on Testicular Cancer." *University of Colorado Hospital GU Oncology Retreat. Ft. Collins, CO. November 2019.*
4. "Hereditary Kidney Cancer and the Role of Genetic Testing." *University of Colorado, Division of Medical Oncology – Fellows Conference. Aurora, CO. June 2019.*
5. "Testicular and Para-testicular Malignancy in Children and Adolescents." *Grand Rounds, Division of Pediatric Surgery, Children's Hospital Colorado. Aurora, CO. December 2018.*
6. "Surgical Management of Lymph Nodes in Wilms Tumor." *Pediatric Surgery Symposium. Aurora, CO. April 2018.*
7. "Multidisciplinary Care in Pediatric Urologic Oncology." *Residents Conference, Department of Radiation Oncology, University of Colorado. Aurora, CO. May 2017.*
8. "So what is urology all about?" *University of Colorado School of Medicine Urology Interest Group. Aurora, CO. April 2017.*
9. "Current Management of Children, Adolescents and Young Adults with Testicular Malignancy." *University of Colorado Cancer Center Symposium Series. Aurora, CO. March 2017.*
10. "Surgical Considerations for Multi-Disciplinary Care for Children and Adolescents with Renal, Testicular and Pelvic Tumors." *Fellows Conference, Division of Pediatric Oncology, Children's Hospital Colorado. Aurora, CO. February 2017.*
11. "Testicular Cancer Update." *Boulder Community Hospital, Boulder, CO. October 2016.*
12. "Testicular Cancer: Current Concepts and Future Directions." *Good Samaritan Medical Center, Lafayette, CO. August 2016.*
13. "Surgical Management of Testicular Cancer." *University of Colorado, Division of Medical Oncology – Fellows Conference. Aurora, CO. January 2016.*
14. "Genetic Testing in Renal Cell Carcinoma." *University of Colorado, Division of Medical Oncology – Genito-Urinary Oncology Retreat. Aurora, CO. November 2015.*
15. "Male Onco-Fertility in Children, Adolescents and Young Adults." *Reproductive Endocrinology and Infertility Conference, Department of Obstetrics and Gynecology, University of Colorado, Aurora, CO. June 2015.*
16. "Initial Presentation and Management of Tumors of the Testis, Kidney and Bladder in Children and Adolescents." *Fellows Rounds, Division of Emergency Medicine, Children's Hospital Colorado. Aurora, CO. January 2015.*
17. "Renal Malignancy in Adolescent and Young Adult Patients." *Grand Rounds, Department of Surgery, University of Colorado, Aurora, CO. November 2014.*
18. "Testicular and Para-testicular Malignancy in Children and Adolescents." *Grand Rounds, Division of Pediatric Surgery, Children's Hospital Colorado. Aurora, CO. August 2014.*
19. "Pediatric and Adolescent Urologic Oncology." *Children's Hospital Colorado Nursing Education Day. Aurora, CO. April 2014.*

## **ABSTRACTS AND PRESENTATIONS**

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\* - indicates presenting author

1. Iguchi N\*, Malykhina A, Wilcox D and **Cost N.** Gender Dimorphic Impacts of Systemic Vincristine on Lower Urinary Tract Function in Juvenile Mice. *Center for Children's Surgery Research Symposium.*

- Aurora, Colorado. February 2021.*
2. J Aldrink, RLP Romao\*, B Tornwall, A Murphy, A Davidoff, D Benedetti, J Dome, E Perlman, E Smith, C Fernandez, J Geller, J Brzezinski, L Renfro, M Malek, D Mansur, E Mullen, **N Cost**, RC Shamberger, and PF Ehrlich. Long-Term Outcomes for Patients with Anaplastic Bilateral Wilms Tumors enrolled on COG AREN0534. *American Pediatric Surgical Association (APSA) Annual Meeting. Virtual, June 2021.*
  3. Hecht SL, Quach A, Gao D, Brazell AJ, Holbrook SS, Iguchi N, Malykhina AP, Wilcox DT, **Cost N\***. A prospective survey study of voiding dysfunction in childhood cancer survivors after vincristine and/or doxorubicin chemotherapy. *52<sup>nd</sup> Congress of the International Society of Paediatric Oncology (SIOP). October 2020.*
  4. Milgrom S, **Cost NG**, Zakem S, Robin T, Fisher C, Cost C\*. Brachytherapy for rhabdomyosarcoma in children, adolescents and young adults: an unfertilized modality in the United States? *52<sup>nd</sup> Congress of the International Society of Paediatric Oncology (SIOP). October 2020.*
  5. Walker J\*, Han D, Saltzman A, Hecht S, Eguchi M, Cockburn M and **Cost N**. Pediatric Small Renal Masses – a Surveillance, Epidemiology and End Results (SEER) Database Review. *52<sup>nd</sup> Congress of the International Society of Paediatric Oncology (SIOP). October 2020.*
  6. Iguchi N\*, Huang K, Carrasco A, Wilcox D, Malykhina A and **Cost N**. Doxorubicin induces detrusor smooth muscle impairments through myosin dysregulation, leading to a risk of lower urinary tract dysfunction. *Pediatric Urology Fall Congress. Scottsdale, AZ. September 2019.*
  7. Iguchi N, Hecht S, Huang KD, Carrasco A, Wilcox DT, Malykhina A, **Cost NG\***. A translational investigation of the impact of systemic doxorubicin on bladder function in both childhood cancer survivors and in a murine model. *Annual American Urological Association (AUA) Meeting. Chicago, IL. May 2019.*
  8. Hecht S\*, Brazell A, Holbrook SS, Wilcox DT, **Cost NG**. Voiding dysfunction following vincristine and doxorubicin therapy in children. *Societies for Pediatric Urology Annual Meeting. Chicago, IL. May 2019.*
  9. **Cost N\***, Geller J, Cajaiba M, Chi YY, Perlman E, Kim Y, Mullen E, Glick R, Khanna G, Daw N, Ehrlich P, Fernandez C, Dome J. A Prospective Study of Pediatric Renal Cell Carcinoma: A Report from the Children's Oncology Group Study AREN0321. *Societies for Pediatric Urology Annual Meeting. Chicago, IL. May 2019.*
  10. Saltzman AF\*, Smith DE, Gao D and **Cost NG**. Lymph Node Yield in Pediatric, Adolescent and Young Adult Renal Cell Carcinoma – How Many Are Enough? *Societies for Pediatric Urology Annual Meeting. Chicago, IL. May 2019.*
  11. Saltzman AF\*, Smith DE, Amini A, Aldrink JH, Dasgupta R, Gow KW, Glock RD, Ehrlich PF, Gao D and **Cost NG**. How Many Lymph Nodes Are Enough? Assessing the Adequacy of Lymph Node Yield for Staging in Favorable Histology Wilms Tumor. *50<sup>th</sup> Congress of the International Society of Paediatric Oncology (SIOP). Kyoto, Japan. November 2018.*
  12. Saltzman AF\*, Lyon M, Meacham A, **Cost NG**. Extirpative Renal Surgery Volume in Training – Different Roads to the (Same?) Destination. *Pediatric Urology Fall Congress. Atlanta, GA. September 2018.*
  13. Saltzman AF\*, Smith DE, Gao D, Wilcox D, **Cost NG**. How Many Boys Need to Undergo Orchiopexy to Impact Testicular Cancer Outcomes? *Pediatric Urology Fall Congress. Atlanta, GA. September 2018.*
  14. Iguchi N\*, Huang K, Carrasco A, Wilcox D, Malykhina A and **Cost N**. Characterization of voiding phenotype in male mice treated with doxorubicin. *American Urological Association Annual Meeting. San Francisco, CA. May 2018.*
  15. Saltzman A\*, Stokes W, Walker J and **Cost N**. Factors Related to Lymph Node Sampling at the Time of Surgery in Children, Adolescents and Young Adults with Non-Metastatic Renal Cell Carcinoma.

*Societies for Pediatric Urology Annual Meeting. San Francisco, CA. May 2018.*

16. Saltzman AF\*, Smith DE, Amini A, Aldrink JH, Dasgupta R, Gow KW, Glock RD, Ehrlich PF, Gao D and **Cost NG**. How Many Lymph Nodes Are Enough? Assessing the Adequacy of Lymph Node Yield for Staging in Favorable Histology Wilms Tumor. *Societies for Pediatric Urology Annual Meeting. San Francisco, CA. May 2018.*
17. Saltzman AF\*, Carrasco Jr. A, Weinman J, Meyers M, **Cost NG**. Initial Imaging for Pediatric Renal Tumors – Can We Be More Efficient. 2018 *University of Colorado School of Medicine, Department of Surgery Research Symposium. Aurora, CO. May 2018.*
18. Saltzman AF\*, Walker J, Carrasco A, Meacham R, **Cost NG**. Extirpative Renal Surgery Volume In Training – Different Roads to the (Same?) Destination. *Rocky Mountain Urological Society. Denver, CO April 2018.*
19. Saltzman AF, Stokes W, Walker J, **Cost NG**. Factors Related to Lymph Node Sampling at the Time of Surgery in Children, Adolescents and Young Adults with Non-Metastatic Renal Cell Carcinoma. *Rocky Mountain Urological Society. Denver, CO April 2018.*
20. Saltzman AF\*, Smith DE, Amini A, Aldrink JH, Dasgupta R, Gow KW, Glock RD, Ehrlich PF, Gao D and **Cost NG**. How Many Lymph Nodes Are Enough? Assessing the Adequacy of Lymph Node Yield for Staging in Favorable Histology Wilms Tumor. *Center for Children’s Surgery Research Symposium. Aurora, Colorado. April 2018.*
21. Saltzman AF\*, Carrasco Jr. A, Weinman J, Meyers M, **Cost NG**. Initial Imaging for Pediatric Renal Tumors – Can We Be More Efficient. *Center for Children’s Surgery Research Symposium. Aurora, Colorado. April 2018.*
22. Warncke JC\*, Saltzman AF, Maroni PD, Danesmand S and **Cost NG**. Retroperitoneal Lymph Node Dissection (RPLND) as an alternative treatment strategy for low-volume, clinical stage II testicular seminoma: a survey of patients and providers. *Society of Urologic Oncology Winter Meeting. Washington, DC. December 2017.*
23. Saltzman AF\*, Carrasco A, Colvin AN, Meyers ML and **Cost NG**. Can a Modified Bosniak Classification System Risk Stratify Pediatric Cystic Renal Masses? *South Central Section of the AUA Annual Meeting. Naples, FL. November 2017.*
24. **Cost NG\***, Aldrink JH, Saltzman AF, Dasgupta R, Gow KW, Glick R, Ehrlich PF. Current State of Renal Tumor Surgery among Pediatric Surgeons and Pediatric Urologists - A Survey of American Pediatric Surgery Association (APSA) and Society for Pediatric Urology (SPU) Members. *South Central Section of the AUA Annual Meeting. Naples, FL. November 2017.*
25. Saltzman AF\*, Carrasco A, Amini A, Aldrink JH, Dasgupta R, Gow KW, Glick RD, Ehrlich PF and **Cost NG**. Patterns of Lymph Node Sampling and the Impact of Lymph Node Density in Favorable Histology Wilms Tumor: An Analysis of the National Cancer Database. *South Central Section of the AUA Annual Meeting. Naples, FL. November 2017.*
26. Islam JJ, Saltzman AF\*, Amini A, Carrasco A, **Cost NG**. Factors Influencing Overall Survival in Patients with High Risk Renal Tumors. *Pediatric Urology Fall Congress. Montreal, QC. September 2017*
27. Saltzman AF\*, Warncke JC, Carrasco A, Colvin A, **Cost NG**. Development of a Post-Operative Care Pathway for Children with Renal Tumors. *Pediatric Urology Fall Congress. Montreal, QC. September 2017*
28. Carrasco A, Saltzman A\*, Weinman, Meyers M, **Cost N**. Can a Modified Bosniak Classification System be Adapted for Pediatric Cystic Renal Masses? *Society for Pediatric Urology (SPU). Boston, MA. May 2017.*
29. Saltzman A\*, Carrasco A, Amini A, Aldrink J, Dasgupta R, Gow K, Glick R, Ehrlich P, **Cost N**. Impact



of Lymph Node Density on Overall Survival in Wilms Tumor: A Review of the National Cancer Database (NCDB). *Society for Pediatric Urology (SPU)*. Boston, MA. May 2017.

30. Carrasco A, Saltzman A\*, Weinman, Meyers M, **Cost N**. Initial Imaging for Renal Tumors – Can We Be More Efficient? *Society for Pediatric Urology (SPU)*. Boston, MA. May 2017.
31. Cost N, Aldrink J\*, Dasgupta R, Gow K, Glick R, Ehrlich P. Current State of Renal Tumor Surgery Among Pediatric Surgeons and Pediatric Urologists – A Survey of American Pediatric Surgery Association (APSA) and Society for Pediatric Urology (SPU) Members. *The Pacific Association of Pediatric Surgeons Annual Conference*. Seattle, WA. May 2017.
32. Carrasco A\*, Amini A, Cost CR, Greffe B, Garrington TP, Bruny JL, Liu AK, **Cost NG**. Patterns of Care and Survival Comparison of Adult and Pediatric Wilms Tumor in the United States: A Study of the National Cancer Database. *Pediatric Urology Fall Congress*. Dallas, TX. October 2016
33. Carrasco A, Caldwell B, **Cost NG**. Reliability of Intraoperative Frozen Section and a Vascular Access Decision-Tree for Children and Adolescents Undergoing Surgery for Renal Masses Suspicious for Malignancy. *Pediatric Urology Fall Congress*. Dallas, TX. October 2016
34. Aldrink JH\*, **Cost NG**, McLeod D, Bates DG, Smith E, Ehrlich PF. Technical Considerations for Nephron Sparing Surgery in Children Pretreated with Chemotherapy. What is really needed to preserve renal units? *48th Congress of the International Society of Paediatric Oncology (SIOP)*. Dublin, Ireland. October 2016.
35. Caldwell BC\*, MD, Maccini MA, **Cost NG**. Appropriateness for Testis-Sparing Surgery Based on Testicular Tumor Size in a Pediatric and Adolescent Population. *Society for Pediatric Urology (SPU)*. San Diego, CA. May 2016
36. **Cost NG\***, Geller JI, Ehrlich PF, Khanna G, Mullen EA, Gratias EJ, Naranjo A, Dome JS, Perlman EJ. Characterization of Adolescent and Pediatric Renal Cell Carcinoma: A Report from Children's Oncology Group (COG) Study AREN03B2. *Society for Pediatric Urology (SPU)*. San Diego, CA. May 2016
37. Warncke J\*, Grantham EC, Brodie KE, Catarinicchia S, Tong S, Kondo KL, **Cost NG**. Pediatric Renal Angiomyolipomas in Tuberous Sclerosis Complex. *Annual American Urological Association (AUA) Meeting*. San Diego, CA May 2016.
38. Maccini MA\*, Caldwell BC, Maroni PD, **Cost NG**. When is it Appropriate to Consider Testis-Sparing Surgery (TSS) for Unilateral Testicular Tumors? *Annual American Urological Association (AUA) Meeting*. San Diego, CA May 2016.
39. Amini A, Waxweiler TV, Maroni PD, Kessler ER, Cost CR, Greffe BS, Garrington TP, Liu AK, **Cost NG\***. Survival Outcomes of Adolescent Patients with Non-Seminomatous Testicular Germ Cell Tumors: A Population Based Study. *Children's Oncology Group Fall Meeting, Young Investigators Poster Session*. Dallas, TX. October 2015.
40. Wild T\*, Stokes C, Garrington T and **Cost N**. Effect of Testicular Germ Cell Tumor Therapy on Renal Function in a Pediatric and Adolescent Population. *South Central Section of the AUA Annual Meeting*. Scottsdale, AZ. October 2015.
41. Caldwell B\*, Rove K, Margulis V and **Cost N**. Impact of Treatment Center on Outcomes in Adolescent Testis Cancer. *South Central Section of the AUA Annual Meeting*. Scottsdale, AZ. October 2015.
42. Warncke J\*, Grantham EC, Brodie KE, Catarinicchia S, Tong S, Kondo KL and **Cost NG**. Pediatric Renal Angiomyolipomas in Tuberous Sclerosis Complex. *South Central Section of the AUA Annual Meeting*. Scottsdale, AZ. October 2015.
43. Rove KO\*, Maroni PD, Cost CR, Fairclough DL, Giannarini G, Harris A, Schultz KA, **Cost NG**.

- "Pathologic Risk Factors for Occult Metastatic Disease in Adult Patients with Stage I Testicular Stromal Tumors." *Society of Urologic Oncology Meeting. Bethesda, MD. December 2014.*
44. Grantham EC\*, **Cost NG**. Fetal Intervention for Sacrococcygeal Teratoma Failed to Improve Urologic Outcomes and May Have Caused Recurrence. *Society for Fetal Urology (SFU) Fall Congress. Miami, FL October 2014.*
  45. Rove KO\*, Maroni PD, Cost CR, Fairclough DL, Giannarini G, Schultz KA, **Cost NG**. "Pathologic Risk Factors in Pediatric and Adolescent Patients with Stage I Testicular Stromal Tumors." *Society for Pediatric Urology Fall Congress. Miami, FL. October 2014.*
  46. **Cost NG\***, Rove KO, Maroni PD, Cost CR, Fairclough DL, Giannarini G, Schultz KA. "Pathologic Risk Factors in Pediatric and Adolescent Patients with Stage I Testicular Stromal Tumors." *Children's Oncology Group Fall Meeting, Young Investigators Poster Session. Dallas, TX. September 2014.*
  47. Wang S\*, Abern MR, **Cost NG**, Chu DI, Ross SS, Wiener JS and Routh JC. Impact of Nephron-sparing surgery (NSS) on pediatric Wilms Tumor patient survival - a SEER analysis. *Annual American Urological Association (AUA) and Society for Pediatric Urology (SPU) Meeting. Orlando, FL. May 2014.*
  48. Fox J\*, **Cost N**, Granberg C, Pulido J, Rivera M, Schwen Z, Schulte M and Tasian G. Tamsulosin increases spontaneous passage of ureteral stones in children. *Annual American Urological Association (AUA) and Society for Pediatric Urology (SPU) Meeting. Orlando, FL. May 2014.*
  49. **Cost NG\***, DeFoor WR, Crotty EJ and Geller JI. The Initial Experience with RENAL Nephrometry in Children, Adolescents, and Young Adults with Renal Tumors. *Kidney Cancer Association 12th Kidney Cancer Symposium. Chicago, IL. October 2013.*
  50. **Cost NG\***, DeFoor WR, Crotty EJ and Geller JI. The Initial Experience with RENAL Nephrometry in Children, Adolescents, and Young Adults with Renal Tumors. *Society for Pediatric Urology Fall Congress. Las Vegas, NV. September 2013.*
  51. **Cost NG\***, Lubahn JD, Adibi M, Romman A, Wickiser JE, Raj GV, Sagalowsky AI, and Margulis V. Risk Stratification for Children and Adolescents with Clinical Stage I Testicular Germ Cell Tumors. *109<sup>th</sup> Annual American Urological Association (AUA) Meeting. San Diego, CA. May 2013.*
  52. **Cost NG\***, Sawicz-Birkowska K, Kajbafzadeh AM, Tourchi A, Parigi GB, Guillén G, DeFoor WR and Apoznanski W. A Multi-Center, International Experience with Nephron-Sparing Surgery for non-Syndrome Related Unilateral Wilms Tumor. *109<sup>th</sup> Annual American Urological Association (AUA) Meeting. San Diego, CA. May 2013.*
  53. **Cost NG\***, Riachy E, VanderBrink B, Alam S, DeFoor WR, Reddy PP, Minevich E, Sheldon C, Schulte M and Noh PH. Infant robotic pyeloplasty: perioperative outcomes and comparison with open cohort. *7<sup>th</sup> Annual Thomas F. Boat Lectures. Cincinnati Children's Hospital Medical Center. Cincinnati, OH. March 2013.*
  54. Ehrlich PF, **Cost NG\***, Khanna G, Mullen EA, Gratias EJ, Naranjo A, Dome JS, Perlman EJ, and Geller JI. A Description of the Surgical Experience in Children, Adolescents and Young Adults with Renal Cell Carcinoma: A Report from the Children's Oncology Group Study AREN 03B2. *Kidney Cancer Association 11th Kidney Cancer Symposium. Chicago, IL. October 2012.*
  55. Geller J\*, Mullen E, Khanna G, Ehrlich P, **Cost N**, Naranjo A, Dome J, Gratias E, and Perlman E. Epidemiology and Characterization of Pediatric and Adolescent Renal Cell Carcinoma: A Report from the Children's Oncology Group Study AREN 03B2. *Kidney Cancer Association 11th Kidney Cancer Symposium. Chicago, IL. October 2012.*
  56. **Cost NG\***, Lubahn JD, Adibi M, Romman A, Wickiser JE, Raj GV, Sagalowsky AI, and Margulis V. A

Comparison of Pediatric and Adolescent Testicular Germ Cell Malignancy. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. New Orleans, LA. October 2012.*

57. **Cost NG\***, Le LD, Crombleholme TM, Geller JI, Keswani SG, Lim FY and Alam S. Urologic Co-Morbidities Associated with Sacrococcygeal Teratoma and a Rational Plan for Urologic Surveillance. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. New Orleans, LA. October 2012.*
58. **Cost NG\***, Noh PH, Devarajan P, Ivancic V, Reddy P, Minevich E, Bennett M and DeFoor WR. Urinary NGAL Levels Correlate with Differential Renal Function in Patients with Ureteropelvic Junction Obstruction Undergoing Pyeloplasty. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. New Orleans, LA. October 2012.*
59. **Cost NG\*** and Noh PH. Robotic-Assisted Laparoscopic Partial Nephrectomy and Regional Retroperitoneal Lymph Node Dissection in an Adolescent with Renal Cell Carcinoma. Video Presentation at the *98th Annual Clinical Congress of the American College of Surgeons. Chicago, IL. October 2012.*
60. **Cost NG\***, Adibi M, Lubahn J, Romman A, Raj G, Sagalowsky A and Margulis V. The Impact of Surgical or Systemic Therapy for Testicular Germ Cell Malignancy on Renal Function. *107th Annual American Urological Association (AUA) Meeting. Atlanta, GA. May 2012.*
61. Lubahn J\*, **Cost NG**, Adibi M, Romman A and Margulis V. A Novel Risk Stratification System for Chemotherapy Failure in Testicular Germ Cell Tumor. *107th Annual American Urological Association (AUA) Meeting. Atlanta, GA. May 2012.*
62. Adibi M\*, **Cost NG**, Lubahn J, Romman A and Margulis V. Novel Predictors of Benign Pathology in Stage IA and IB Patients with Non-seminomatous Germ Cell Malignancy Undergoing Primary Retroperitoneal Lymph Node Dissection. *107th Annual American Urological Association (AUA) Meeting. Atlanta, GA. May 2012.*
63. Granberg CF\*, **Cost NG**, Gargollo PC and Snodgrass WT. Urodynamic-based selective management in children with myelodysplasia from birth to age 3 years. *2nd World Congress on Spina Bifida Research and Care. Las Vegas, NV. March 2012.*
64. **Cost NG\***, Lubahn JD, Granberg CF, Sagalowsky AI, Wickiser JE, Gargollo PC, Baker LA, Margulis V and Rakheja D. Pathologic Review of Wilms Tumor Nephrectomy Specimens and Potential Implications for Partial Nephrectomy In Wilms Tumor. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. Boston, MA. October 2011.*
65. **Cost NG\***, Lubahn JD, Kwon J, Powell JA, Yang M, Granberg CF, Wickiser JE, Rakheja D, Gargollo PC, Baker LA and Margulis V. Correlation between pre-operative staging Computed Tomography and pathologic findings after nodal sampling in children with Wilms tumor. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. Boston, MA. October 2011.*
66. **Cost NG\***, Granberg CF, Schlomer BJ, Wickiser J, Gargollo P, Baker LA and Rakheja D. Single Institution Experience with Tru-Cut Renal Mass Biopsy for Diagnosing Wilms Tumor. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. Boston, MA. October 2011.*
67. Granberg CF\*, **Cost NG**, Gargollo PC and Snodgrass WT. Urodynamic parameters to determine management of infants with myelomeningocele: Early intervention versus continued observation. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. Boston, MA. October 2011.*
68. **Cost NG\***, Lubahn JD, Granberg CF, Schlomer BJ, Wickiser JE, Rakheja D, Gargollo PC, Leonard D, Baker LA, Raj GV and Margulis V. Oncologic outcomes of partial versus radical nephrectomy for

unilateral Wilms tumor. *American Society of Clinical Oncology (ASCO) 2011 Annual Meeting. Chicago, IL. June 2011.*

69. **Cost NG\***, Lubahn JD, Penn HA, Granberg CF, Schlomer BJ, Wickiser JE, Rakheja D, Gargollo PC, Leonard D, Baker LA and Margulis V. Oncologic outcomes of partial versus radical nephrectomy for unilateral Wilms tumor. *106<sup>th</sup> Annual American Urological Association (AUA) Meeting. Washington, D.C. May 2011.*
70. **Cost NG\***, Delacroix SE, Sleeper JP, Smith P, Youssef RF, Chapin BF, Karam JA, Culp S, Abel EJ, Brugarolas J, Raj GV, Sagalowsky AI, Wood CG and Margulis V. The Impact of Targeted Molecular Therapies on the Level of Renal Cell Carcinoma (RCC) Venous Tumor Thrombus. *106<sup>th</sup> Annual American Urological Association (AUA) Meeting. Washington, D.C. May 2011.*
71. Youssef R\*, Tyler A, **Cost N**, Sagalowsky A, Lotan Y and Margulis V. Prospective Evaluation of Biomarkers in Patients with Upper Tract Urothelial Carcinoma: Prognostic Role of Cell Cycle Regulators. *106<sup>th</sup> Annual American Urological Association (AUA) Meeting. Washington, D.C. May 2011.*
72. Youssef R\*, Shariat S, Lotan Y, **Cost N**, Wood C, Sagalowsky A, Zigeuner R, Langner C, Montorsi F, Bolenz C and Margulis V. Prognostic Impact of Urinary Bladder Carcinoma in situ on Clinical Outcome of Subsequent Upper Tract Urothelial Carcinoma. *106<sup>th</sup> Annual American Urological Association (AUA) Meeting. Washington, D.C. May 2011.*
73. Sleeper J\*, **Cost N**, Donally C and Lotan Y. Cost Comparison of Robotic-Assisted and Laparoscopic Pyeloplasty. *106<sup>th</sup> Annual American Urological Association (AUA) Meeting. Washington, D.C. May 2011.*
74. Youssef R\*, Gurbuz C, Shariat S, Lotan Y, Wood C, Sagalowsky A, **Cost N**, Zigeuner R, Langner C, Montorsi F, Bolenz C, Kikuchi E, Weizer A, Raman J, Remzi M, Roscigno M, Kassouf W and Margulis V. The Impact of Previous Ureteroscopic Tumor Ablation on Oncologic Outcomes After Radical Nephroureterectomy for Upper Urinary Tract Urothelial Carcinoma. *106<sup>th</sup> Annual American Urological Association (AUA) Meeting. Washington, D.C. May 2011.*
75. Rakheja D\*, **Cost NG**, Khokhar S, Wickiser J, Baker LA and Mitui M. TP53 codon 72 polymorphism in favorable histology Wilms tumors. *Society for Pediatric Pathology (SPP) Annual Meeting. San Antonio, TX. February 2011.*
76. **Cost NG\***, Delacroix SE, Sleeper JP, Smith P, Youssef RF, Chapin BF, Karam JA, Culp S, Abel EJ, Brugarolas J, Raj GV, Sagalowsky AI, Wood CG and Margulis V. The Impact of Targeted Molecular Therapies on the Level of Renal Cell Carcinoma (RCC) Venous Tumor Thrombus. *Society of Urologic Oncology (SUO) Annual Meeting. Bethesda, MD. December 2010.*
77. Youssef R\*, Shariat S, Lotan Y, **Cost N**, Wood C, Sagalowsky A, Zigeuner R, Langner C, Montorsi F, Bolenz C and Margulis V. Prognostic Impact of Urinary Bladder Carcinoma in situ on Clinical Outcome of Subsequent Upper Tract Urothelial Carcinoma. *Society of Urologic Oncology (SUO) Annual Meeting. Bethesda, MD. December 2010.*
78. Youssef R\*, Arendt T, **Cost N**, Sagalowsky A, Lotan Y and Margulis V. Prospective Evaluation of Biomarkers in Patients with Upper Tract Urothelial Carcinoma: Prognostic Role of Cell Cycle Regulators. *Society of Urologic Oncology (SUO) Annual Meeting. Bethesda, MD. December 2010.*
79. Sleeper J, **Cost NG\***, Donally C and Lotan Y. Cost Comparison of Robotic-Assisted and Laparoscopic Pyeloplasty. *89<sup>th</sup> Annual South Central Section of the American Urological Association (AUA) Meeting. White Sulphur Springs, West Virginia. September 2010.*
80. DaJusta D\*, Bush N, Prieto J, **Cost N**, Nuss G, Brown B and Baker LA. Retrograde Ureteropyelogram via Ureterocele Injection – Defining the Anatomy. *89<sup>th</sup> Annual South Central Section of the American Urological Association (AUA) Meeting. White Sulphur Springs, West Virginia. September 2010.*

81. **Cost NG\***, Bush NC, Barber TD, Srikishen N, Basravi S, Brown B and Baker LA. Primary Hyperparathyroidism in Pediatric Stone Formers. *105<sup>th</sup> Annual American Urological Association (AUA) Meeting. San Francisco, California. May 2010.*
82. Casperson K\*, Hou A, Nuss G, **Cost N**, Campbell J and Wilcox D. Normal Anatomic Relationships in Prepubescent External Female Genitalia. *105<sup>th</sup> Annual American Urological Association (AUA) Meeting. San Francisco, California. May 2010.*
83. **Cost NG\***, Bush NC, Barber TD, Huang R and Baker LA. Pediatric Testicular Torsion: Demographics of National Orchiopexy versus Orchiectomy Rates. *1<sup>st</sup> World Congress of Pediatric Urology. San Francisco, California. May 2010.*
84. **Cost NG\***, Bush NC, Barber TD, Brown B, Boies B, Basravi S, and Baker LA. Screening Pediatric Stone Formers for Hyperparathyroidism and Its Relationship to Psychological Function. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. Washington, D.C. October 2009*
85. Bush N, **Cost NG\*** and Snodgrass WT. Glans Dehiscence after Hypospadias Repair. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. Washington, D.C. October 2009*
86. Barber TD\*, **Cost NG**, Harrison CB, Snodgrass WT, Wilcox DT and Baker LA. Open Pyeloplasty, Laparoscopic Dismembered Pyeloplasty, and Laparoscopic Vascular Hitch Pyeloplasty: Analysis of Surgical Reintervention. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. Washington, D.C. October 2009*
87. **Cost NG\***, Schlomer BJ, Barber T, Twickler D, Magee K, and Baker LA. Prenatal Diagnosis of Ambiguous Genitalia Leading to the Postnatal Diagnosis of Epispadias. *Society for Fetal Urology (SFU) 43<sup>rd</sup> Biannual Meeting. Washington, D.C. October 2009*
88. **Cost NG\***, Keohane E, Maitra M, Zhang S, Garg V, Zinn AR, Djian P and Baker LA. Expression Patterns of *Basonuclin 2* in Penile Tissue. *104<sup>th</sup> Annual American Urological Association (AUA) Meeting. Chicago, Illinois. April 2009.*
89. **Cost NG\***, Lee J, Snodgrass WT, Wilcox DT and Baker LA. Hernias after pediatric laparoscopic urologic surgery. *104<sup>th</sup> Annual American Urological Association (AUA) Meeting. Chicago, Illinois. April 2009.*
90. **Cost NG\***, Stern JM, Baker LA and Wilcox DT. A Comparison of Laparoscopic Dismembered Pyeloplasty and Laparoscopic Vascular Hitch Pyeloplasty. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. Boston, Massachusetts. October 2008*
91. **Cost NG\***, Prieto JC and Wilcox DT. Renal Ultrasound Is Sufficient For The Follow Up of Dismembered Pyeloplasty in Children. *American Academy of Pediatrics (AAP) National Conference and Exhibition, Section on Urology. Boston, Massachusetts. October 2008*
92. Bush NC\*, Brown BJ, **Cost N**, Gingrich A, Prieto JC, Moe OW, Hsu MC, Hill K, Pak CY, Seikaly MG, Reed BY and Baker LA. Comparison of Pediatric Stone Formers with and without Mutations in Soluble Adenylate Cyclase. *103<sup>rd</sup> Annual American Urological Association (AUA) Meeting. Orlando, Florida. May 2008*

## JOURNAL AFFILIATIONS

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### Editorial Affiliation

- *Dialogues in Pediatric Urology*
  - *Guest Editor* – Special Edition from the Pediatric Urologic Oncology Work Group (PUWOG)
- *Urologic Oncology: Seminars and Original Investigation* – Journal Reviewer

- *Guest Editor* – Special Edition on Pediatric and Adolescent Urologic Oncology
- *Urology* – Journal Reviewer
  - *Guest Editor* – Pediatric Urologic Oncology Special Edition
- “*Urology: Current Research*” – Editorial Board Member
- *Frontiers in Genitourinary Oncology* – Editorial Board Member
- *Frontiers in Pediatric Urology* – Review Editor

### **Reviewer**

- *Journal of Urology*
- *European Urology*
- *Cancer*
- *Journal of the National Comprehensive Cancer Network*
- *Pediatric Blood and Cancer*
- *Journal of Pediatric Hematology and Oncology*
- *Journal of Adolescent and Young Adult Oncology*
- *Journal of Pediatric Urology*
- *Journal of Pediatric Surgery*
- *Journal of Surgical Research*
- *Pediatrics*
- *Journal of Pediatrics*
- *Journal of the American College of Surgeons*
- *Annals of Surgical Oncology*
- *British Journal of Urology-International*
- *Journal of Adolescent Health*
- *Urology Annals*
- *Canadian Urological Association Journal*
- *Cancer Causes and Control*
- *Familial Cancer*
- *Pediatrics International*
- *Acta Paediatrica*
- *Journal of Cancer Research and Therapeutics*
- *Journal of Clinical Case Reports*
- *Journal of Endourology, Part B: Videourology*
- *Nature Reviews Urology*
- *International Journal of Radiation Oncology • Biology • Physics*
- *World Journal of Pediatric Surgery*
- *The Lancet Child & Adolescent Health*

### **ACTIVITIES**

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#### **Professional:**

- Chair, Robotic Surgery Committee at the Children’s Hospital Colorado. *2021-current*
- Children’s Oncology Group (COG) Renal Tumor Committee
  - Surgical Discipline Lead for Renal Tumor Committee. *Spring 2021-current*
  - AREN 1721 Study Vice-Chair. *2017-current*

- Renal Tumor Committee Member. *2016-current*
  - Renal Tumor Studies Central Surgical Reviewer. *2015-current*
- Co-Director, Surgical Oncology Program at the Children's Hospital Colorado. *2020-current*
- American Academy of Pediatrics Section on Urology, Executive Committee, Chair-Elect. *2020-current*
- Associate Member, American Pediatric Surgical Association. *2020-current*
- Member, Board of Directors, Colorado Physician Health Program (CPHP). *2020-current*
- External Mentor, American Urological Association (AUA) Office of Research, the USMART Academy (Urology Scientific Mentoring and Research Training) Academy. *2019-current*
- Member, Research Education, Conferences and Communications Committee of the American Urological Association (AUA). *2019-current*
- Chair of the Resident and Fellow Prize Committee, Southcentral Section of the AUA. *2018-current*
- Host Organizer for 2018 Annual Von Hippel Lindau (VHL) Alliance Family Meeting. University of Colorado Cancer Center. *October 2018.*
- American Academy of Pediatrics Section on Urology, Executive Committee, Secretary-Treasurer. *2017-2020*
- National Comprehensive Cancer Network (NCCN), Testicular Cancer Guidelines Panel Member. *2016-current*
- National Cancer Institute (NCI), PDQ Cancer Genetics (Genetics of Kidney Cancer) Editorial Advisory Board Member. *2016-current*
- University of Colorado School of Medicine, Faculty Senate Representative for the Department of Surgery. *2016-2018*
- Sponsoring Faculty for Urology Student Interest Group (UroSIG) for the University of Colorado School of Medicine. *2016-current.*
- South Central Section of the AUA, Residents Committee Member, *2016-current*
- Board Member, Testicular Cancer Awareness Foundation (TCAF). *2015-current*
- Protocol Review and Monitoring System, University of Colorado Cancer Center
  - Scientific Review Committee. *2015-current*
- Urology Liaison, Onco-fertility Team – Children's Hospital of Colorado. *2015-current*
- Medical Board Member, Testicular Cancer Society (TCS). *2014-current*
- Associate Member, University of Colorado Cancer Center. *2014-current*
- Grant Reviewer for the Following:
  - C17 Research Network (2014)
  - Alpha Omega Alpha (AQA) Medical Honor Society, Postgraduate Award (2015)
  - Academic Enrichment Funds (AEF) Seed Grant Review Committee from the University of Colorado Denver Anschutz Medical Campus, Department of Surgery (2015-20)
  - NIH/CTSA University of Colorado CCTSI KL2 Career Development Award (2021)
- Pediatric Urologic Oncology Working Group (PUOWG) of the SPU.
  - Organizing Committee, *2012*
  - Secretary, Executive Committee, *2013-current*
- Organizing Committee for Pediatric Urology Young Investigators Society. *2011-current*
- Member, American Academy of Pediatrics Section of Urology, Oncology Committee. *2011-2013*
- Abstract Review Team Member for the Society for Pediatric Urology (SPU) and the American Urological Association (AUA). *2012-2016*
- Member, "Renal Tumor Working Group" - Cincinnati Children's Hospital Medical Center. *2011-2013*
- Member of the "Pediatric Cancer Working Group" of the American Association for Cancer

Research (AACR). 2011-current

- Organized the founding of the “Multimodality Pediatric, Adolescent and Young Adult Urologic Oncology Conference” - UT Southwestern/Children’s Medical Center.” 2010

### **Personal:**

- Emory University School of Medicine Admissions Interviewer. 2005
- Volunteer at The Good Samaritan Health Center, a non-profit health center, Atlanta, Georgia. 2002-2004
- Susan G. Komen Breast Cancer Foundation Race for the Cure. 2004
- Volunteer at Hands-on-Atlanta, serving as a tutor to underprivileged elementary students, Atlanta, Georgia. 2002-2003
- Member of the Emory University School of Medicine Soccer, Flag Football, Softball and Basketball teams, 2001-2005
- Member of *Sigma Alpha Epsilon* (ΣAE) Fraternity. 2000-current
  - Served as President, Vice-President and Chair of the Ethics Committee
- Volunteer for Vanderbuddies a part of Big Brothers and Sisters of Nashville. 1997-2001

### **MEDICAL SOCIETIES**

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- Alpha Omega Alpha Honor Medical Society (ΑΩΑ), Member
- American Association for Cancer Research (AACR), Associate Member #249478
  - Member – “Pediatric Cancer Working Group”
- American Academy of Pediatrics (AAP), Section on Urology, Specialty Fellow (FAAP)
- American College of Surgeons (ACS), Fellow Member (FACS)
- American Society of Clinical Oncology (ASCO), Associate Member #185047
- American Urological Association (AUA), Active Member #00703881
  - South Central Section of the AUA, Active Member
    - South Central Section Annual Meeting - Resident’s Program Committee
- Children’s Oncology Group (COG), Full Member
- International Society of Paediatric Surgical Oncology (IPSO), Member
- National Cancer Institute (NCI), Investigator #47139
  - CTEP Investigator ID I-47139
- Society for Adolescent and Young Adult Oncology (SAYAO), Member
- Société Internationale d’Oncologie Pédiatrique / International Society of Paediatric Oncology (SIOP), Member
- Society for Pediatric Urology (SPU), Member
- Society of Urologic Oncology (SUO), Member
- Southwest Oncology Group (SWOG), Group Member, Roster ID# 51345

### **CERTIFICATIONS AND BOARD EXAMINATIONS**

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- Diplomate of the American Board of Urology (ABU) – #17967
  - Qualifying (Part 1 – Written) Exam: Passed, *July 2010*
  - Certifying (Part 2 – Oral) Exam: Passed, *February 2015*
- Texas Medical Jurisprudence Examination: Passed, *June 2009*



- USMLE Step 3 (United States Medical Licensing Examination): Passed, *April 2008*
- USMLE Step 2 Clinical Knowledge: Passed, *December 2004*
- USMLE Step 2 Clinical Skills: Passed, *November 2004*
- USMLE Step 1: Passed, *June 2003*

## **LISCENSURE AND HOSPITAL PRIVILEGES**

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- University of Colorado Hospital (Aurora, CO): Staff Privileges, *August 2013 –*
- Children's Hospital Colorado (Aurora, CO): Staff Privileges, *August 2013 –*
- Colorado State Medical Board – Physician License (#DR.0051893): *December 2012 –*
- Ohio State Medical Board – Training Permit (#57.019099): *July 2011 – June 2013.*
- UT Southwestern Medical Center University Hospital System (Dallas, TX): Staff Privileges, *July 2010 – June 2011.*
- Parkland Health and Hospital System (Dallas, TX): Staff Privileges, *July 2010 – June 2011.*
- Veterans Administration North Texas Hospital System (Dallas, TX): Staff Privileges, *July 2010 – June 2011.*
- Texas Medical Board – Physician License (#N4361): *November 2009 – November 2013*

## **LANGUAGES**

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- English
- Italian (minored in Italian in college and lived in Pisa, Italy)
- Spanish (studied Spanish in high school)

## **PERSONAL INTERESTS**

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- Foreign Languages and Cultures: While studying Italian in college, I lived and studied in Pisa, Italy at the Università di Pisa. I also have studied Spanish and French. While not fluent in these languages, I enjoy the challenge of learning and communicating with others. I have the future goal of taking masters level courses in Italian language and culture.
- Travel
- Reading, both fiction and non-fiction
- Participating in sports (Backpacking, Skiing, Basketball, Soccer, Running)
- Spending time with my wife, my two sons, and family