

CURRICULUM VITAE

Hsi-Yang Wu

Business Address:
2 Dudley Street, Suite 175
Providence, RI 02905

Business Phone: (401) 421-0710
Business Fax: (401) 421-0720

EDUCATION

Undergraduate Harvard College, Cambridge, MA. Chemistry, A.B. 1989,
Magna Cum Laude with Highest Honors

Medical School University of Pennsylvania. Philadelphia, PA. M.D. 1993

POSTGRADUATE TRAINING

Residency University of California, San Francisco. San Francisco, CA.
Urology, 1993 – 1999

Fellowship Children's Hospital of Philadelphia. Philadelphia, PA.
Pediatric Urology, 1999 – 2002

POSTGRADUATE HONORS AND AWARDS

University of California, San Francisco, Pfizer Scholars in Urology Award 1998

Western Section American Urologic Association 1998
Miley Wesson Resident Essay Contest, Third Place

Children's Hospital of Pittsburgh Patient Satisfaction Top 25 Physicians 2003, 2007

Children's Hospital of Pittsburgh Patient Satisfaction Top 10 Physicians 2006

American Academy of Pediatrics, Section on Urology 2009
Basic Science Prize Contest, Second Place

Stanford University School of Medicine 2012
Arline and Pete Harman Endowed Faculty Scholar

Alpert Medical School of Brown University 2021
Dean's Excellence in Teaching Award, Doctoring Community Mentor, Year 2

Journal of Pediatric Urology 100+ Reviewers Club 2021, 2022

Alpert Medical School of Brown University, Division of Urology 2022
Alan D. Podis Resident Teaching Award

Alpert Medical School of Brown University 2023
Dean's Excellence in Teaching Award, Post-Clerkship

Alpert Medical School of Brown University 2025
Dean's Excellence in Teaching Award, Clinical, Non-clerkship

Alpert Medical School of Brown University 2026
Dean's Excellence in Teaching Award, Clinical Faculty Advisory Committee Award

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

California, 1993 – 1999, 2008 – 2020

Pennsylvania, 1999 – 2008

Rhode Island, 2019 – present

Massachusetts, 2021 – present

American Board of Urology, 2004 – present

Subspecialty certification in Pediatric Urology, 2008 – present

ACADEMIC APPOINTMENTS

Assistant Professor of Urology, University of Pittsburgh, 8/1/2002 – 7/30/2008

Associate Professor of Urology, Stanford University Medical Center, 8/1/2008 – 1/31/2020

Associate Program Director, Pediatric Urology Fellowship, Stanford, 2008 – 2009

Program Director, Pediatric Urology Fellowship, Stanford, 2009 – 2020

Course Director, Urology Grand Rounds, Stanford, 2011 – 2020

Adjunct Associate Professor of Surgery (Urology), Warren Alpert Medical School of Brown University, 2/1/2020 – 6/30/20

Associate Professor of Surgery (Urology), Warren Alpert Medical School of Brown University, 7/1/20 – 6/30/24

Professor of Surgery (Urology) and Pediatrics, Warren Alpert Medical School of Brown University, 7/1/24 – present

HOSPITAL APPOINTMENTS

Attending Physician, Children's Hospital of Pittsburgh, 8/1/2002 – 7/30/2008

Attending Physician, Lucile Packard Children's Hospital, 8/1/2008 – 1/31/2020

Attending Physician, Director of Pediatric Urology, Hasbro Children's Hospital, 2/1/2020
– present

OTHER APPOINTMENTS

Grant review

Lucile Packard Children's Hospital
Maternal and Child Health Research Institute, Grants and Postdoctoral Support Panel
Chair, 2014 – 2019

CDC

Special Emphasis Panel, DD19-001 Spina Bifida Component C review. April 11, 2019.

NIH

NCATS CTSA Program, R03 applications. June 30, 2021.

Editorial service

Editorial board

Journal of Pediatric Urology, Assistant Editor, 2016 – 2019
Journal of Pediatric Urology, Fall Congress Supplement, Co-Editor, 2016 – 2021
Journal of Pediatric Urology, Co-Editor, Basic Science, 2019 – 2026
Journal of Pediatric Urology, Associate Editor, 2026 – present

Ad hoc journal peer review

Journal of Urology, 2004 – present
Urology, 2004 – present
Journal of Pediatric Urology, 2009 – present
F1000, 2012 – present

American Journal of Physiology - Renal Physiology, 2006, 2017

Asian Journal of Andrology, 2005

BioMed Central Pediatrics, 2016

BioMed Central Urology, 2015 – 2017

BioMed Central Surgery, 2023

Case Reports in Nephrology, 2014

Clinics, 2008

European Urology, 2020

Fetal Diagnosis and Therapy, 2021

Heliyon, 2026

Hospital Pediatrics, 2019, 2021, 2023

International Brazilian Journal of Urology, 2006

Journal of Autism and Developmental Disorders, 2012

Journal of Pediatric Genetics, 2021

Journal of Pediatric Surgery, 2004, 2023

Neuromodulation: Technology at the Neural Interface, 2019

Neurourology and Urodynamics, 2023

PLOS One, 2018
Science Translational Medicine, 2013
Scientific Reports, 2020
Spinal Cord, 2019
World Journal of Pediatrics, 2019

Ad hoc textbook peer review

American Academy of Pediatrics Textbook of Pediatric Care, 2012

Medical advisor

California Bladder Exstrophy Support Team, 2012 – present

HOSPITAL COMMITTEES

Children's Hospital of Pittsburgh

Clinical Quality Review Committee, 2004 – 2007
Physician Advisory Committee, 2005 – 2007
Trauma Medical Advisory Committee, 2005 – 2008
Disorders of Sexual Differentiation Committee, 2007 – 2008
Laser Safety Committee, 2007 – 2008

Lucile Packard Children's Hospital, Stanford

IS Physician Advisory Group, 2009 – 2017
Maternal and Child Health Research Institute, 2011 – 2019
Surgical physician lead, Epic ambulatory automation, 2012 – 2014
Quality Improvement for the Management of Children Hospitalized with Urinary Tract Infection (Q-UTI) Project, Core Clinical Team Member, 2015 – 2016
Urology physician champion, Clinical Documentation Integrity Program, 2017

Rhode Island Hospital and Hasbro Children's Hospital, Brown

Physician lead, Urology Quality Improvement, 2020 – present
Antibiotic stewardship, Surgeon Champion, 2022 – present
NSQIP testicular torsion collaborative, 2022 – present
Surgical Clinical Practice, Safety, and Quality Committee, 2023 – present

MEMBERSHIP IN SOCIETIES

American Urological Association, 1996 – present
Society for Pediatric Urology, 2005 – present
Vice Chair, Testis / Andrology Task Force, 2018 – 2020
International Children's Continence Society, 2012 – 2018, 2023 – present
European Society for Paediatric Urology, 2024 – present

American Academy of Pediatrics, Fellow, Section on Urology, 2004 – 2012
Society for Fetal Urology, 2004 – 2009
International Continence Society, 2009 – 2015

Abstract committee

American Academy of Pediatrics, Section on Urology, Basic Science: 2005, 2009
Pediatric Urology Fall Congress, Basic Science: 2013, 2014, 2016
Society for Pediatric Urology / European Society for Pediatric Urology combined meeting, Basic Science: 2015, 2020
European Society for Pediatric Urology, Basic Science: 2016 – 2022
Society for Pediatric Urology / American Urological Association, Testis and Scrotum: 2019 – present
Society for Pediatric Urology, Basic Science Prize Finalists: 2020
American Urological Association, New England Section: 2025, 2026

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Huff DS, **Wu HY**, Snyder HM, Hadziselimovic F, Blyth B, Duckett JW: Evidence in favor of the mechanical (intrauterine torsion) theory over the endocrinopathy (cryptorchidism) theory in the pathogenesis of testicular agenesis. *J Urol*, 146(2):630-1, 1991.
2. **Wu HY**, Broderick GA, Suh JK, Hypolite JA, Levin RM: Effects of purines on rabbit corpora cavernosum contractile activity. *Int J Impotence Research*, 5(3):161-7, 1993.
3. **Wu HY**, Baskin LS, Kogan BA: Neurogenic bladder dysfunction due to myelomeningocele: neonatal versus childhood treatment. *J Urol*, 157(6):2295-7, 1997.
4. **Wu HY**, Kogan BA, Baskin LS, Edwards MSB: Long-term benefits of early neurosurgery for lipomyelomeningocele. *J Urol*, 160(2):511-4, 1998.
5. **Wu HY**, Baskin LS, Liu W, Li YW, Hayward SW, Cunha GR: Understanding bladder regeneration: Smooth muscle ontogeny. *J Urol*, 162 (3):1101-1105, 1999.
6. Nguyen HT, **Wu HY**, Baskin LS, Kogan BA: High urinary flow accelerates renal injury in young rats with partial unilateral ureteral obstruction. *J Urol*, 163(6):1904-1907, 2000.
7. Fenig DM, Snyder HM, **Wu HY**, Canning DA, Huff DS: The histopathology of iatrogenic cryptorchid testes: An insight into etiology. *J Urol*, 165(4):1258-1261, 2001.
8. Metro MJ, **Wu HY**, Snyder HM, Zderic SA, Canning DA: Buccal mucosal grafts: Lessons learned from an eight year experience. *J Urol*, 166(4):1459-1461, 2001.
9. **Wu HY**, Rusnack SL, Bellah RD, Canning DA, Plachter N, McDonald-McGinn DM, Zackai EH: Genitourinary malformations in chromosome 22q11.2 deletion. *J Urol*, 168(6): 2564-2565, 2002.

10. Rusnack SL, **Wu HY**, Huff DS, Snyder HM, Zderic SA, Carr MC, Canning DA: The ascending testis and the testis undescended since birth share the same histopathology. *J Urol*, 168(6): 2590-2591, 2002.
11. Schwab CW, **Wu HY**, Selman H, Smith GHH, Snyder HM, Canning DA: Spontaneous resolution of vesicoureteral reflux: A 15 year perspective. *J Urol*, 168(6): 2594-2599, 2002.
12. Thomas AD, **Wu HY**, Canning DA, Snyder HM: Spontaneous regression of cystic dysplasia of the testis. *J Urol*, 169(2): 645, 2003.
13. Rusnack SL, **Wu HY**, Huff DS, Snyder HM, Carr MC, Bellah RD, Zderic SA, Canning DA: Testis histopathology in cryptorchid boys correlates with future fertility potential. *J Urol*, 169(2): 659-662, 2003.
14. **Wu HY**, Zderic SA, Wein AJ, Chacko S: Decrease in maximal force generation in the neonatal mouse bladder corresponds to shift in myosin heavy chain isoform composition. *J Urol*, 171(2): 841-844, 2004.
15. Stein RJ, Noh PH, **Wu HY**: Urinary ascites without hydronephrosis in a neonate with urethral atresia. *Urology*, 66: 432.e7-432.e8, 2005.
16. **Wu HY** and de Groat WC: Maternal separation uncouples reflex from spontaneous voiding in rat pups. *J Urol*, 175(3): 1148-1151, 2006.
17. Colen J, Docimo SG, Staniski K, Sweeney DD, Wise B, Brandt P, **Wu HY**: Dysfunctional elimination syndrome is a negative predictor for vesicoureteral reflux. *J Pediatr Urol*, 2: 312-315, 2006.
18. Ng YK, de Groat WC, **Wu HY**: Muscarinic regulation of neonatal rat bladder spontaneous contractions. *Am J Physiol, Regul Integr Comp Physiol*, 291: R1049-1059, 2006.
19. LaRosa C, McMullen L, Bakdash S, Ellis D, Krishnamurti L, **Wu HY**, Moritz, ML: Acute renal failure from xanthine nephropathy during management of acute leukemia. *Pediatr Nephrol*, 22(1): 132-135, 2007.
20. Ng YK, de Groat WC, **Wu HY**: Smooth muscle and neural mechanisms contributing to the down-regulation of neonatal rat spontaneous bladder contractions during postnatal development. *Am J Physiol, Regul Integr Comp Physiol*, 292: R2100-2112, 2007.
21. **Wu HY** and Gaines BA: Dirt bikes and all-terrain vehicles: The real threat to pediatric kidneys. *J Urol*, 178(4): 1672-1674, 2007.

22. Smaldone MC, Cannon GM, **Wu HY**, Bassett JC, Polsky EG, Bellinger MF, Docimo SG, Schneck FX: Is ureteroscopy first line treatment for pediatric stone disease? *J Urol*, 178(5): 2128-2131, 2007.
23. Cannon GM, Smaldone MC, **Wu HY**, Bassett JC, Bellinger MF, Docimo SG, Schneck FX: The ureteroscopic management of lower pole stones in a pediatric population. *J Endourol*, 21(10): 1179-1182, 2007.
24. Cannon GM, Polsky EG, Smaldone MC, Gaines BA, Schneck FX, Bellinger MF, Docimo SG, **Wu HY**: CT findings in pediatric renal trauma: Indications for early intervention? *J Urol*, 179(4): 1529-1533, 2008.
25. Corcoran AT, Smaldone MC, Mally D, Ost MC, Bellinger MF, Schneck FX, Docimo SG, **Wu HY**: When is prior ureteral stent placement necessary to access the upper urinary tract in prepubertal children? *J Urol*, 180(4): 1861-1864, 2008.
26. Artim DE, Kullman FA, Daugherty SL, **Wu HY**, de Groat WC. Activation of the nitric oxide – cGMP pathway reduces phasic contractions in neonatal rat bladder strips via protein kinase G. *Am J Physiol, Renal Physiol*, 297: F333-340, 2009.
27. Wong IYZ, Copp HL, Clark CJ, **Wu HY**, Shortliffe LD. Quantitative ultrasonographic renal parenchymal area correlates with renal volume and identifies reflux nephropathy. *J Urol*, 182(4): 1683-1687, 2009.
28. Ng YK, **Wu HY**, Lee KH, Yeung CK. Bladder reduction surgery accelerates the appearance of spontaneous voiding in neonatal rats. *J Urol*, 183: 370-377, 2010.
29. Buyuknacar HSG, Gocmen C, de Groat WC, Kumcu EK, **Wu HY**, Onder S. Differential effect of L-cysteine in isolated whole bladder preparations from neonatal and adult rats. *J Pharmacol Exp Ther*, 333:228-238, 2010.
30. Chien C, Chang HY, **Wu HY**. Sex differences in neonatal and young adult rat lower urinary tract function caused by bladder reduction. *J Pediatr Urol*, 11:197.e1-197.e7, 2015.
31. Chien C, **Wu HY**. Young rats exhibit an age and sex dependent bladder response to alpha-antagonists but not beta-agonists. *J Pediatr Urol*, 12:92.e1-e8, 2016.
32. Balasundaram M, Chock VY, **Wu HY**, Blumenfeld, YJ, Hintz, SR. Predictors of poor neonatal outcomes in prenatally diagnosed multicystic dysplastic kidney disease. *J Perinatology*, 38(6):658-664, 2018.
33. **Wu HY**, Concepcion W, Grimm PC. When does vesicoureteral reflux in pediatric kidney transplant patients need treatment? *Pediatr Transplant*, 22:e13299, 2018.

34. Diaz EC, Velazquez M, Kao CS, **Wu HY**. 2 year outcome for 8 year old female managed with partial cystectomy for primary bladder clear cell carcinoma. *Urol Case Reports*, 26:100948, 2019.
35. Brubaker AL, **Wu HY**, Lee A, Vuong P, Stoltz DJ, Chaudhuri A, James G, Grimm PC, Concepcion W, Gallo A. Ureterostomy as an alternative to ileal conduits in pediatric kidney transplantation. *Clin Transplant*, 34:e13777, 2020.
36. Byers H, Fossum M, **Wu HY**. How geneticists think about Differences / Disorders of Sexual Development: A conversation. *J Pediatr Urol*, 16(6): 760-767, 2020.
37. Djurhuus JC, **Wu HY**, Fossum M. A conversation on how animal experimental studies allies with translational medicine. *J Pediatr Urol*, 17(5): 622-629, 2021.
38. Yamashiro JR, Austin JC, Braga LH, Chuang KW, Davis-Dao CA, Holzman SA, Khoury AE, Kurzrock EA, Lerman SE, McGrath M, McGuerian PA, Saltzmann AF, Schaeffer AJ, Seidman C, Singer JS, Wang P, Wehbi EJ, **Wu HY**, Sturm RM. Identifying variability in surgical practices and instrumentation for hypospadias repair across the Western Pediatric Urology Consortium (WPUC) network. *J Pediatr Urol*, 19(3): 277-283, 2023.
39. Nordgren A, Lindstrand A, **Wu HY**, Fossum M. Precision medicine and rare diseases in pediatric urology. *J Pediatr Urol*, 19(3): 335-338, 2023.
40. Schanstra JP, Decramer S, Buffin-Meyer B, Klein J, Fossum M, **Wu HY**. Fetal biomarkers for lower urinary tract obstruction secondary to posterior urethral valves. *J Pediatr Urol*, 20(3): 492-496, 2024.
41. Kim IE, Allu S, Whittelsey M, Kent V, Onal EG, Nguyen C, Haleblan G, Kim IY, Hyams E, **Wu HY**, Caldamone A, Pareek G. Student urology conference increases participant knowledge of urology match and confidence in research. *Urology*, 197:242-249, 2025.
42. Tomlinson A, **Wu HY**, Wolf LE, Plank R. Post-circumcision bleeding in male infants who do not receive prophylactic IM Vitamin K. *Urology*, 205:160-164, 2025.
43. Feitz W, Battye M, **Wu HY**, Fossum M. The European Reference Network eUROGEN, an interview by the Journal of Pediatric Urology. *J Pediatr Urol*, 21:1589-1594, 2025.
44. Finkelstein JB, Weber B, Quigley S, De S, Zann A, Rove K, Liebrecht D, Zee R, Chan Y, Battie S, Pohl H, Tong CMC, Dudley A, McQuiston L, Durkin ET, Davis TD, Whitehouse J, Polsky E, Killian M, **Wu HY**, Gong E, Chalmers D, Figueroa E, Grimsby G, Fernandez N, Ballesteros N, Saito JM, Metcalfe P, Schober M, Lambert S, Grant C, Ellison JE. Leveraging NSQIPP testicular torsion process measures: Initial survey of the NSQIPP testicular torsion collaborative. *J Pediatr Urol*, 21:1844-1850, 2025.

45. Sanford DI, Lee A, Smith S, Sicov M, Ko DS, **Wu HY**. Bilateral testicular ischemia caused by heterozygous Factor V Leiden. *Urology Case Reports*, 64:103284, 2026.
46. Franco I, Clayton DB, **Wu HY**. Moving toward a corticocentric view of pediatric urinary incontinence. *J Pediatr Urol*, 22:105988, 2026.

OTHER PEER-REVIEWED PUBLICATIONS

1. **Wu HY** and Docimo SG: Surgical management of children with urolithiasis. *Urol Clin North America*, 31: 589-594, 2004.
2. **Wu HY** and Snyder HM: Pediatric Genitourinary Oncology: Bladder, Prostate, and Testis. *Urol Clin North America*, 31: 619-627, 2004.
3. **Wu HY**, Snyder HM, D'Angio GJ. Management of Wilms' tumor. *Curr Opin Urol*, 15: 273-276, 2005.
4. Ng YK and **Wu HY**: Postnatal development of voiding reflexes and bladder smooth muscle properties: An overview of recent findings. *LUTS*, 1: S74-76, 2009.
5. **Wu HY**, Snyder HM, Womer RB. Genitourinary rhabdomyosarcoma: Which treatment, how much, and when? *J Pediatr Urol*, 5: 501-506, 2009.
6. **Wu HY**. Achieving urinary continence in children. *Nat Rev Urol*, 7:371-377, 2010.
7. **Wu HY**. Can evidence based medicine change toilet training practice? *Arab J Urol*, 11:13-18, 2013.
8. **Wu HY**. Surgical management of paediatric bladder / prostate rhabdomyosarcoma. *Arab J Urol*, 11:40-47, 2013.
9. Velaer K, Chang P, **Wu HY**. Renal bladder ultrasound after UTI: What exactly are we looking for and what we still need to learn. *Hosp Pediatr*, 10(5): 460-461, 2020.

BOOKS AND BOOK CHAPTERS

1. **Wu HY**, Baskin LS, Blakey C, Goodman J, Cunha GR: Ultrastructural smooth muscle ontogeny of the rat bladder. In: *Advances in Bladder Research*, AEMB: 462, 93-103. Editors: Baskin LS and Hayward SW. Plenum, New York, 1999.
2. **Wu HY** and Kolon TF: Cryptorchidism. In: *The 5 Minute Pediatric Consult*, 3rd ed, 294-295. Editor: Schwartz MW. Lippincott, Williams & Wilkins, Philadelphia, 2003.

3. **Wu HY** and Snyder HM: Vesicoureteral reflux. In: The 5 Minute Pediatric Consult, 3rd ed, 872-873. Editor: Schwartz MW. Lippincott, Williams & Wilkins, Philadelphia, 2003.
4. **Wu HY** and Docimo SG: Orchidopexy including Laparoscopic Orchidopexy. In: Atlas of the Urologic Clinics of North America, Common Pediatric Surgical Procedures. 12(1): 15-25. Editor: Caldamone AA. WB Saunders, Philadelphia, 2004.
5. **Wu HY** and Snyder HM: Childhood rhabdomyosarcoma. In: Glenn's Urologic Surgery, 6th ed, 749-752. Editor: Graham S. Lippincott, Williams & Wilkins, Philadelphia, 2004.
6. **Wu HY** and Snyder HM: Rhabdomyosarcoma of the pelvis and paratesticular structures. In: Urologic Oncology, 773-779. Editors: Richie JP and D'Amico A. Elsevier Saunders, Philadelphia, 2005.
7. **Wu HY** and Snyder HM: Developmental and positional renal anomalies. In: Pediatric Surgery, 4th ed, 723-731. Editors: Ashcraft KW, Holcomb GW, Murphy JP. Elsevier Saunders, Philadelphia, 2005.
8. **Wu HY** and Kolon TF: Cryptorchidism. In: The 5 Minute Pediatric Consult, 4th ed, 300-301. Editor: Schwartz MW. Lippincott, Williams & Wilkins, Philadelphia, 2005.
9. **Wu HY** and Snyder HM: Vesicoureteral reflux. In: The 5 Minute Pediatric Consult, 4th ed, 894-895. Editor: Schwartz MW. Lippincott, Williams & Wilkins, Philadelphia, 2005.
10. **Wu HY** and Wiener ES: Testicular tumors. In: Pediatric Surgery, 6th ed, 622-627. Editor: Grosfeld JL. Mosby Elsevier, Philadelphia, 2006.
11. **Wu HY** and Snyder HM: Intersex. In: Clinical Pediatric Urology, 5th ed, 1147-1160. Editors: Docimo SG, Canning DA, Khoury AE. Informa, London, 2007.
12. **Wu HY** and Kolon TF: Cryptorchidism. In: The 5 Minute Pediatric Consult, 5th ed, 236-237. Editor: Schwartz MW. Lippincott, Williams & Wilkins, Philadelphia, 2008.
13. **Wu HY** and Snyder HM: Vesicoureteral reflux. In: The 5 Minute Pediatric Consult, 5th ed, 904-905. Editor: Schwartz MW. Lippincott, Williams & Wilkins, Philadelphia, 2008.
14. **Wu, HY** and Snyder HM: Intersex. In: Clinical Pediatric Urology Study Guide, 207-210. Editors: Shukla AR, Herndon CDA, Austin PF. Informa, London, 2008.
15. **Wu HY**: Commentary on Testis Biopsy and Redo Orchiopexy. In: Hinman's Atlas of Pediatric Urologic Surgery, 2nd ed, 561, 591. Editors: Hinman F, Jr. and Baskin LS. Saunders Elsevier, Philadelphia, 2009.

16. **Wu HY** and Snyder HM: Developmental and positional renal anomalies. In: Pediatric Surgery, 5th ed, 695-702. Editors: Holcomb GW, Murphy JP, Ostlie D. Saunders Elsevier, Philadelphia, 2010.
17. **Wu HY** and Snyder HM: Childhood rhabdomyosarcoma. In: Glenn's Urologic Surgery, 7th ed, 662-665. Editors: Graham S, Keane TA. Lippincott, Williams, and Wilkins, Philadelphia, 2010.
18. **Wu HY** and Canning DA: Robotic Surgery Outcomes: Upper urinary tract. In: Robotic Pediatric and Reconstructive Urology: A Comprehensive Guide, 1st ed, 290-292. Editor: Mohan Gundeti. Blackwell Publishing, 2012.
19. **Wu HY** and Kolon TF: Cryptorchidism. In: The 5 Minute Pediatric Consult, 6th ed, 240-241. Editor: Schwartz MW. Lippincott, Williams & Wilkins, Philadelphia, 2012.
20. **Wu HY** and Snyder HM: Vesicoureteral reflux. In: The 5 Minute Pediatric Consult, 6th ed, 932-933. Editor: Schwartz MW. Lippincott, Williams & Wilkins, Philadelphia, 2012.
21. **Wu HY** and Snyder HM: Developmental and positional renal anomalies. In: Pediatric Surgery, 6th ed, 709-717. Editors: Holcomb GW, Murphy JP, Ostlie D. Saunders Elsevier, London, 2014.
22. **Wu HY**: Cryptorchidism. In: The 5 Minute Pediatric Consult, 7th ed, 248-249. Editor: Cabana MD. Wolters Kluwer, Philadelphia, 2015.
23. Ogunyemi O and **Wu HY**: Neurophysiology of voiding. In: Pediatric Incontinence: Evaluation and Clinical Management, 3-14. Editor: Franco I. Wiley-Blackwell, 2015.
24. **Wu HY**: Cryptorchidism. In: The 5 Minute Pediatric Consult, 8th ed, 246-247. Editor: Cabana MD. Wolters Kluwer, 2019.
25. **Wu HY** and Snyder HM: Developmental and positional renal anomalies. In: Pediatric Surgery, 7th ed, 828-838. Editors: Holcomb GW, Murphy JP, St Peter S. Elsevier, 2020.
26. Sun AJ and **Wu HY**: Pediatric Urology. In: Anesthesiologist's Manual of Surgical Procedures, 6th ed, 1509-1538. Editor: Jaffe RA. Wolters Kluwer, 2020.
27. Aguiar A, Caldamone A, **Wu HY**. Devices in pediatric urology. In: Minimally Invasive Techniques in Pediatric Urology, 39-44. Editors: Esposito C, Subramaniam R, Varlet F, Masieri L. Springer, 2022.

28. **Wu HY** and Shortliffe LMD: Urinary tract infections, renal abscess, and other complex renal infections. In: Principles and Practice of Pediatric Infectious Diseases, 6th ed, 352-258. Editor: Prober C. Elsevier, 2023.
29. **Wu HY**. Cryptorchidism. In: The 5 Minute Pediatric Consult, 9th ed, 262-263. Editor: Cabana MD. Wolters Kluwer, 2025.
30. Pediatric urology for the adult urologist. Editors: **Wu HY**, Patel S, Caldamone A. Springer, 2025.
31. **Wu HY**. Preface. In: Pediatric urology for the adult urologist, v-viii. Editors: **Wu HY**, Patel S, Caldamone A. Springer, 2025.
32. **Wu HY**. Urinary incontinence. In: Pediatric urology for the adult urologist, 83-89. Editors: **Wu HY**, Patel S, Caldamone A. Springer, 2025.

INVITED EDITORIALS in PEER-REVIEWED JOURNALS

1. **Wu HY**: Editorial comment to Bower WF, Yip SK, Yeung CK: Dysfunctional elimination symptoms in childhood and adulthood. J Urol, 174(4): 1628, 2005.
2. **Wu HY**: Editorial comment to Kim SS, Kolon TF, Canter D, et al: Pediatric flexible ureteroscopic lithotripsy as first line approach. J Urol, 180(6): 2619, 2008.
3. **Wu HY** and Shortliffe LD: Top-down approach for evaluation of urinary tract infection. Urology, 75(3): 514-515, 2010.
4. **Wu HY**: Editorial comment to Guo F, Zhang LJ, Liu W, et al: Astrocyte elevated gene-1 overexpression in histological favorable Wilms' tumor is related to poor prognosis. J Pediatr Urol, 10(2): 323-324, 2014.
5. **Wu HY**: Editorial comment to El Bcheraoui C, Zhang X, Cooper CS, et al. Rates of adverse events associated with male circumcision in US medical settings, 2001 to 2010. 2015 Year Book of Pediatrics, Elsevier, 135-7, 2015.
6. **Wu HY**: Editorial comment to Tasian GE, Pulido JE, Keren R, et al. Use of and regional variation in initial CT staging for kidney stones. 2016 Year Book of Pediatrics, Elsevier, 152-4, 2016.
7. **Wu HY**: Editorial comment to Brock JW, Carr MC, Adzick NS, et al. Bladder function after fetal surgery for myelomeningocele. 2017 Year Book of Pediatrics, Elsevier, 410-2, 2017.
8. Cooper CS, Herndon CDA, **Wu HY**: Editorial, Pediatric Urology Fall Congress 2016. J Pediatr Urol, 13(4): 340, 2017.

9. **Wu HY**: Book review of Perspectives in Pediatric Pathology, Volume 30. Development and pathology of the pediatric testis. Editors: Nistal M, Reyes-Mugica M. J Pediatr Urol, 13(5): 531, 2017.
10. Cooper CS, Herndon CDA, **Wu HY**: Editorial, Pediatric Urology Fall Congress 2017. J Pediatr Urol, 14(4): 316, 2018.
11. **Wu HY**: Editorial comment to Sekerci CA, Tanidir Y, Toprak T, et al. The value of urinary BDNF levels on assessment of the botulinum toxin type A treatment for neurogenic detrusor overactivity in children with myelodysplasia. J Urol, 201(1): 180-181, 2019.
12. Cooper CS, Herndon CDA, **Wu HY**: Editorial, Pediatric Urology Fall Congress 2018. J Pediatr Urol, 15(5): 440, 2019.
13. **Wu HY**. Book review of Surgical Techniques in Pediatric and Adolescent Urology. Editor: Gundeti M. Jaypee Brothers Medical Publishers, New Delhi, 2020. J Pediatr Urol, 16(2): 267, 2020.
14. **Wu HY**. Editorial comment to Johnson EK, Jacobson DL, Finlayson C, et al. Proximal hypospadias: Isolated genital condition or marker of more? J Urol, 204(2): 352, 2020.
15. Cooper CS, Herndon CDA, **Wu HY**: Editorial, Pediatric Urology Fall Congress 2019. J Pediatr Urol, 16(5): 525, 2020.
16. **Wu HY**. Editorial comment to Netto JMB, Scheinost D, Onofrey JA et al. Magnetic resonance image connectivity analysis provides evidence of central nervous system mode of action for parasacral transcutaneous electro neural stimulation – A pilot study. J Pediatr Urol, 16(5): 543, 2020.
17. Cooper CS, Stein R, **Wu HY**. Editorial, Joint Meeting of the ESPU and SPU, September 2021 and SPU Fall Congress, December 2021. J Pediatr Urol, 18(6):725, 2022.
18. Clayton DB, **Wu HY**. Editorial comment to Cullingsworth Z, Goodman R, Farhat W, Franco I. Are rhythmic bladder contractions affected by fill rate and bladder work in neurogenic bladders. J Pediatr Urol, 22(1):105664, 2026.
19. **Wu HY**. Editorial comment to Chandrasekharam VVS, Kiran JK, Satyanarayana R. Fulguration of anterior membrane by endoscopy (FAME): A modified technique of posterior urethral valve fulguration reduces the incidence of urethral stricture. J Pediatr Urol, 22(1):105662, 2026.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Wu HY** and Baskin LS: Wound Healing. AUA Update Series, Volume XVIII, No. 17. Houston, 1999.
2. Rusnack SL, **Wu HY**, Huff DS, Snyder HM, Carr MC, Bellah RD, Zderic SA, Canning DA: Testis histopathology in cryptorchid boys correlates with future spermiograms. Dialogues in Pediatric Urology, Dec. 2001.
3. **Wu HY** and Canning DA: The “full valve-bladder syndrome”. In: Progress in Paediatric Urology, Vol. 4, 64-73. Editor: McLorie GA. Penwel Publishers, London, 2001.
4. **Wu HY** and Snyder HM: Advances in pediatric urologic oncology. AUA Update Series, Volume XXII, No. 4. Houston, 2003.
5. **Wu HY** and Ferrer FA: Pediatric Urologic Oncology. In: Business Briefing: US Pediatric Healthcare 2005, 51-53. Touch Briefings, London, 2005.
6. **Wu HY**, D’Angio GJ, and Snyder HM: Current controversies in Wilms’ tumor therapy. AUA Update Series, Volume XXVI, No. 11. Baltimore, 2007.
7. Ferrer FA, **Wu HY**, Snyder HM, Womer RB: Bladder/prostate rhabdomyosarcoma. Dialogues in Pediatric Urology, June 2010.
8. **Wu HY**: Maturation of bladder-external urethral sphincter coordination. Dialogues in Pediatric Urology, April 2012.
9. **Wu HY**: Voiding function and development. Dialogues in Pediatric Urology, October 2014.
10. Hilldorf S, Fossum M, **Wu HY**. What the editors are reading: Basic science and global health. J Pediatr Urol, 16(2): 253-254, 2020.
11. **Wu HY**, Willacy O, Fossum M. What the editors are reading: Basic Science. J Pediatr Urol, 17(2): 271-272, 2021.
12. Juul N, Fossum M, **Wu HY**. What the editors are reading: Basic Science. J Pediatr Urol, 18(1): 94-95, 2022.
13. Chamorro CI, **Wu HY**, Fossum M. What the editors are reading: Basic Science. J Pediatr Urol, 19(4): 479-481, 2023.
14. Fossum M, **Wu HY**. New instructions for authors specific to studies using animal experiments. J Pediatr Urol, 20(1): 3-4, 2024.
15. Rootsi D, Fossum M, **Wu HY**. What the editors are reading: Basic Science. J Pediatr Urol, 21(2): 516-518, 2025.

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. **Wu HY**. Urinary tract infections, renal abscess, and other complex renal infections. In: Long's Principles and Practice in Pediatric Infectious Diseases, 7th ed. Editor: Kimberlin, D. Elsevier, submitted.
2. **Wu HY**. Redo orchiopexy. In: Tips and Tricks in Pediatric Urology. Editors: Kogan BA, Tekgul S, Yeung CK, submitted.
3. Clayton DB, Haid B, **Wu HY**. What the editors are reading: Basic Science. J Pediatr Urol, submitted.

ABSTRACTS (since 2020)

1. Finkelstein JB, Rove K, Gong E, Whitehouse J, Tong C, Ballesteros N, **Wu HY**, Zann A, Weber B, Metcalfe P, Schober M, Polsky E, Chalmers D, Zee R, De S, McQuiston L, Durkin E, Pohl H, Figueroa E, Chan Y, Fernandez N, Grimsby G, Killian M, Dudley A, Lambert S, Liebrecht D, Quigley S, Ellison J. An opportunity to learn from each other: A NSQIPP testicular torsion collaborative. Society for Pediatric Urology Fall Congress 2023, Houston, TX.
2. Golijanin B, Barry E, Greenberg R, **Wu HY**. Geographic distribution of hypospadias in Rhode Island is not related to pollution: A study of a small state with a stable population. World Congress of Endourology and Uro-Technology 2023, Jerusalem, Israel.
3. Golijanin B, Barry E, Greenberg R, Caldamone A, **Wu HY**. Relationship of hypospadias and sources of pollution in a static community in New England. ESPU 2024, Naples, Italy.
4. Finkelstein JB, Rove K, Gong E, Whitehouse J, Tong C, Ballesteros N, **Wu HY**, Zann A, Weber B, Metcalfe P, Schober M, Polsky E, Chalmers D, Zee R, De S, McQuiston L, Durkin E, Pohl H, Figueroa E, Chan Y, Fernandez N, Grimsby G, Killian M, Dudley A, Lambert S, Liebrecht D, Quigley S, Ellison J. Leveraging NSQIPP testicular torsion process measures: Initial survey of the NSQIPP testicular torsion collaborative. ACS Quality and Safety Conference 2024, Denver, CO.

CURRENT RESEARCH

Effect of environmental exposures on hypospadias
Quality Improvement (NSQIPP) for testicular torsion outcomes

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

1. **Wu HY**, Bellah RD, and Snyder HM: Radiologic evaluation of the pediatric urinary tract. E-medicine, Pediatrics, 2001. www.emedicine.com/ped/topic2751.htm

2. **Wu HY** and Snyder HM: Rhabdomyosarcoma. www.urologyhealth.org. 2004.
3. **Wu HY**, Bellah RD, and Snyder HM: Radiologic evaluation of the pediatric urinary tract. E-medicine, Pediatrics, 2006. www.emedicine.com/ped/topic2751.htm
4. **Wu HY**, Bellah RD, and Snyder HM: Radiologic evaluation of the pediatric urinary tract. E-medicine, Pediatric Surgery, Urology, 2007. www.emedicine.com/ped/topic2751.htm
5. **Wu HY** and Snyder HM: Rhabdomyosarcoma, Kidney cancer in children. www.urologyhealth.org. 2008.
6. **Wu HY**, Bellah RD, and Snyder HM: Radiologic evaluation of the pediatric urinary tract. eMedicine from WebMD. emedicine.medscape.com/article/1016549-overview. Updated April 7, 2010.
7. **Wu HY**: Kidney cancer in children. www.urologyhealth.org. 2011.
8. **Wu HY**, Bellah RD, and Snyder HM: Radiologic evaluation of the pediatric urinary tract. emedicine.medscape.com/article/1016549-overview. Updated July 10, 2012.
9. **Wu HY**, Bellah RD, and Snyder HM: Radiologic evaluation of the pediatric urinary tract. emedicine.medscape.com/article/1016549-overview. Updated Jan 29, 2014.
10. **Wu HY**, Bellah RD, and Snyder HM: Radiologic evaluation of the pediatric urinary tract. emedicine.medscape.com/article/1016549-overview. Updated Feb. 2, 2016.

INVITED EDITORIALS PUBLISHED IN OTHER MEDIA

1. **Wu HY**: Re: Cranberry juice for the prevention of pediatric urinary tract infection: A randomized controlled trial. f1000.com/717954811. DOI 10.3410/f.717954811.793461171. 2012.
2. **Wu HY**: Re: Antibiotics for treating lower urinary tract infection in children. f1000.com/717954927. DOI 10.3410/f.717954927.793461172. 2012.
3. **Wu HY**: Re: Boys with undescended testes: Endocrine, volumetric and morphometric studies on testicular function before and after orchidopexy at nine months or three years of age. f1000.com/717958812. DOI 10.3410/f.717958812.793463330. 2012.
4. **Wu HY**: Re: A systematic review on renal and bladder dysfunction after endoscopic treatment of infravesical obstruction in boys. f1000.com/prime/717961990. DOI 10.3410/f.717961990.793464965. 2012.

5. **Wu HY:** Re: Routine neonatal circumcision for the prevention of urinary tract infections in infancy. f1000.com/trials/717964650. DOI 10.3410/f.717964650.793466738. 2013.
6. **Wu HY:** Re: A meta-analysis of the risk of boys with isolated cryptorchidism developing testicular cancer in later life. f1000.com/trials/717969117. DOI 10.3410/f.717969117.793469254. 2013.
7. **Wu HY:** Re: Drugs for nocturnal enuresis in children (other than desmopressin and tricyclics). f1000.com/trials/717969413. DOI 10.3410/f.717969413.793469255. 2013.
8. **Wu HY:** Re: Antibiotic prophylaxis for urinary tract infections in antenatal hydronephrosis. f1000.com/trials/717969628. DOI 10.3410/f.717969628.793469256. 2013.
9. **Wu HY:** Re: Intraoperative infusion of $0.6\text{--}0.9\text{ }\mu\text{g}\cdot\text{kg}^{-1}\cdot\text{min}^{-1}$ remifentanyl induces acute tolerance in young children after laparoscopic ureteroneocystostomy. f1000.com/trials/717969681. DOI 10.3410/f.717969681.793469253. 2013.
10. **Wu HY:** Re: A randomized trial of Mogen clamp versus Plastibell for neonatal male circumcision in Botswana. f1000.com/trials/717976435. DOI 10.3410/f.717976435.793471159. 2013.
11. **Wu HY:** Re: Transcutaneous parasacral electrical nerve stimulation in primary monosymptomatic enuresis. f1000.com/prime/718006481. DOI 10.3410/f.718006481.793476688. 2013.
12. **Wu HY:** Re: Randomized clinical trial comparing endoscopic treatment with dextranomer hyaluronic acid copolymer and Cohen's ureteral reimplantation for vesicoureteral reflux: Long-term results. f1000.com/prime/718002148. DOI 10.3410/f.718002148.793476689. 2013.
13. **Wu HY:** Re: Hormone therapy in hypospadias surgery: A systematic review. f1000.com/prime/718006601. DOI 10.3410/f.718006601.793476690. 2013.
14. **Wu HY:** Re: The RIVUR Trial: Profile and Baseline Clinical Associations of Children With Vesicoureteral Reflux. f1000.com/trials/718018870. 2013.
15. **Wu HY:** Re: Osteopathic manipulative treatment for pediatric conditions: a systematic review. f1000.com/trials/718026359. 2013.
16. **Wu HY:** Re: Simple behavioural interventions for nocturnal enuresis in children. f1000.com/trials/718046119. 2013.

17. **Wu HY:** Re: Percutaneous vesicoamniotic shunting versus conservative management for fetal lower urinary tract obstruction (PLUTO): a randomized trial. DOI 10.3410/f.718077679.793483577. 2013.
18. **Wu HY:** Re: Slow delivery rate versus rapid delivery rate shock wave lithotripsy (SWL) for pediatric renal urolithiasis: a prospective randomized study. f1000.com/trials/718184601. DOI 10.3410/f.718184601.793488610. 2013.
19. **Wu HY:** Re: Autologous cell seeded biodegradable scaffold for augmentation cystoplasty: Phase II study in children and adolescents with spina bifida. f1000.com/prime/718164008. DOI 10.3410/f.718164008.793495434. 2014.
20. **Wu HY:** Re: Antimicrobial prophylaxis for children with vesicoureteral reflux. f1000.com/prime/718373567. DOI 10.3410/f.718373567.793495431. 2014.
21. **Wu HY:** Re: Multi-center randomized controlled trial of cognitive treatment, placebo, oxybutynin, bladder training, and pelvic floor training in children with functional urinary incontinence. f1000.com/prime/718020731. DOI 10.3410/f.718020731.793497658. 2014.
22. **Wu HY:** Re: Multidisciplinary consensus on the classification of prenatal and postnatal urinary tract dilation (UTD classification system). f1000.com/prime/725257762. DOI 10.3410/f.725257762.793506733. 2015.
23. **Wu HY:** Re: Bladder function after fetal surgery for myelomeningocele. f1000.com/prime/725818354. DOI 10.3410/f.725818354.793511504. 2015.
24. **Wu HY:** Re: Proximal hypospadias: A persistent challenge. Single institution outcome analysis of three surgical techniques over a 10-year period. f1000.com/prime/725727400. DOI 10.3410/f.725727400.793514921. 2016.
25. **Wu HY:** Re: Association between uropathogen and pyuria. f1000.com/prime/726441720. DOI 10.3410/f.726441720.793523518. 2016.
26. **Wu HY:** Re: What is the outcome of paediatric gastrocystoplasty when the patients reach adulthood? f1000.com/prime/726435874. DOI 10.3410/f.726435874.793525833. 2016.
27. **Wu HY:** Re: Lack of efficacy of an intradural somatic-to-autonomic nerve anastomosis (Xiao procedure) for bladder control in children with myelomeningocele and lipomyelomeningocele: results of a prospective, randomized, double-blind study. f1000.com/prime/726328392. DOI 10.3410/f.726328392.793525835. 2016.
28. **Wu HY:** Re: Fetoscopic open neural tube defect repair: Development and refinement of a two-port, carbon dioxide insufflation technique. f1000.com/prime/727384282. DOI 10.3410/f.727384282.793530227. 2017.

29. **Wu HY**: Re: Community-onset carbapenem-resistant *Klebsiella pneumoniae* urinary tract infections in infancy following NICU hospitalisation. f1000.com/prime/727449398. DOI 10.3410/f.727449398.793539064. 2017.
30. **Wu HY**: Re: Long-term urinary symptoms in adolescent and adult women with congenital adrenal hyperplasia. f1000.com/prime/732846615. DOI 10.3410/f.732846615.793549334. 2018.
31. **Wu HY**: Re: Proximal hypospadias treated with a transverse preputial island tube: long-term functional, sexual, and cosmetic outcomes. f1000.com/prime/732995200. DOI 10.3410/f.732995200.793552517. 2018.
32. **Wu HY**: Re: Randomized clinical trial using sterile single use and reused polyvinylchloride catheters for intermittent catheterization with a clean technique in spina bifida cases: Short-term urinary tract infection outcomes. f1000.com/prime/735406341. DOI 10.3410/f.735406341.793568630. 2019.
33. Aguiar A, **Wu HY**: Re: Clinical response to discordant therapy in third-generation cephalosporin-resistant UTIs. facultyopinions.com/prime/737231684. DOI 10.3410/f.737231684.793573052. 2020.
34. **Wu HY**: Re: Mulling over meetings. facultyopinions.com/prime/738305934. DOI 10.3410/f.738305934.793576464. 2020.
35. **Wu HY**: Re: Are there any benefits of using an inlay graft in the treatment of primary hypospadias in children? A systematic review and metanalysis. facultyopinions.com/prime/739727230. DOI 10.3410/f.739727230.793584535. 2021.
36. **Wu HY**: Re: Erectile dysfunction in patients undergoing multiple attempts at hypospadias repair: Etiologies and concerns. facultyopinions.com/prime/739251900. DOI 10.3410/f.739251900.793585412. 2021.
37. **Wu HY**: Re: Circumcision and risk of febrile urinary tract infection in boys with posterior urethral valves: Result of the CIRCUP randomized trial. facultyopinions.com/prime/740881353. DOI 10.3410/f.740881353.793589344. 2021.
38. **Wu HY**: Re: Short intravenous antibiotic courses for urinary tract infection in young infants: A systematic review. facultyopinions.com/article/741549796. DOI 10.3410/f.741549796.793592112. 2022
39. **Wu HY**: Re: Antibiotic use and vaccine antibody levels. facultyopinions.com/article/742081011. DOI 10.3410/f.742081011.793595991. 2022.

INVITED PRESENTATIONS

International

1. Pediatric neurogenic bladder: Clinical and basic science aspects. Taipei Veteran's General Hospital, April 10, 2006.
2. Update on management of pediatric neurogenic bladder. Taipei Tzu Chi Hospital, Taipei, April 11, 2006.
3. Current management of vesicoureteral reflux: The impact of Deflux. Chang Gung Children's Hospital, Taipei, April 13, 2006.
4. Learning about OAB from the neonatal bladder. 10th Asian Congress of Urology, Taipei, Aug. 28, 2010.
5. Upcoming changes in bilateral Wilms' tumor management. 10th Asian Congress of Urology, Taipei, Aug. 29, 2010.
6. What adult urologists should know about neurogenic bladder in spina bifida patients. 10th Asian Congress of Urology, Taipei, Aug. 29, 2010.
7. Current pharmacotherapy in OAB: how to select the medical agent. 10th Asian Congress of Urology, Taipei, Aug. 30, 2010.
8. Natural course of pediatric neurogenic bladder. International Children's Continence Society, Pediatric Incontinence Forum and Education Course, Taipei, Sept. 23, 2011.
9. *Moderator*, Society for Pediatric Urology / European Society for Pediatric Urology combined meeting, Basic Science. Prague, Czech Republic, Oct. 14, 2015.
10. A practical approach to daytime urinary incontinence in children. Hospital Universitario Japonés, Santa Cruz, Bolivia. Aug. 4, 2020.
11. *Visiting Professor*, Taipei Tzu Chi Hospital, Taipei, Dec. 2, 2022. How to think about pediatric incontinence.
12. Tzu Chi lecture, International Children's Continence Society, Taipei, Dec. 2, 2022. Translational medicine in pediatric urology.
13. *Moderator*, 8th Forum of Pediatric Nephro-Urology in Taiwan, Taipei, Dec. 4, 2022.
14. How to give an interesting scientific talk. Hospital Universitario Japonés, Santa Cruz, Bolivia. Nov. 8, 2024.
15. Translating basic science discoveries on hydronephrosis and PUV into clinical use. Hospital Universitario Japonés, Santa Cruz, Bolivia. July 15, 2025.

National

1. Trigonal distortion in ureteroceles. 5th Annual Duckett Lecture, University of Michigan, Ann Arbor, MI, July 20, 2001.
2. Neural and smooth muscle maturation in neonatal bladder function. Children's Hospital of Philadelphia, July 20, 2005.
3. Genitourinary trauma. 6th Annual John Templeton Pediatric Trauma Symposium, Philadelphia, March 4, 2006.
4. What makes the infant bladder mature? 2nd Quinquennial John W. Duckett Festschrift, Children's Hospital of Philadelphia, Nov. 11, 2006.
5. What can the neonatal bladder teach us about overactive bladder? Washington University, St Louis, MO, Jan. 9, 2008.

6. Voiding function and development. 3rd Quinquennial John W. Duckett Festschrift, Children's Hospital of Philadelphia, Nov. 19, 2011.
7. Maturation of bladder – external urethral sphincter coordination. American Urological Association Research Forum, Atlanta, GA, May 20, 2012.
8. *Moderator*, Pediatric Urology Fall Congress, Basic Science Finalists. Miami Beach, FL, Oct. 25, 2014
9. Diagnosing and treating UTI's. Examining the 2011 guidelines and newer studies – and still asking questions. Pediatric Academic Societies, San Francisco, CA, May 9, 2017.

Regional

1. Bad baby bladders: heredity or environment? University of California, San Francisco, March 2, 2005.
2. Pediatric testicular torsion: tunica vaginalis flap or transfer? Northern New England Urology Symposium. Newry, ME. March 8, 2025.

Local

Urology Grand Rounds, University of Pittsburgh

1. Pediatric urologic oncology. Jan. 29, 2003.
2. Neural and smooth muscle maturation in the neonatal bladder. April 22, 2005.
3. Pediatric acute scrotum. July 27, 2005.
4. Twitchy bladders and fractured kidneys. March 8, 2006.
5. Fetal urologic intervention. Jan. 31, 2007.
6. Pediatric emergencies and ureteropelvic junction obstruction. July 25, 2007.

Urology Grand Rounds, Stanford University

1. Pediatric endourology: Are the AUA guidelines already outdated? March 3, 2009.
2. Top - down imaging for pediatric UTI. Sept. 1, 2009.
3. When is hydronephrosis not obstruction? Nov. 5, 2013.
4. Why is partial nephrectomy not recommended for Wilms' tumor? June 2, 2015.

Urology Grand Rounds, Brown University

1. Quality Improvement: Lessons Learned. Sept. 30, 2020.
2. Kidney transplants in tiny bladders. Dec. 16, 2020.
3. Quality Improvement: Lessons Learned. Sept. 15, 2021.
4. Quality Improvement: Lessons Learned. Sept. 28, 2022.
5. Quality Improvement: Lessons Learned. Sept. 27, 2023.
6. Quality Improvement: Lessons Learned. Sept. 25, 2024.

Children's Hospital of Pittsburgh and local hospitals

1. Dysfunctional voiding. Mercy Hospital Pediatric Grand Rounds, Oct. 10, 2002.
2. Testis, hypospadias, circumcision. Pediatric Surgery, Dec. 4, 2002.
3. Renal and bladder trauma. Emergency Department, Oct. 3, 2003, Oct. 4, 2006.
4. Genital surgery. Endocrinology, March 10, 2004.
5. Bad bladders. Are they born or are they made that way? University of Pittsburgh Cancer Institute, Prostate and Urologic Cancer Program, April 12, 2004.

6. Sickle cell priapism. Emergency Department, June 16, 2004.
7. Pediatric urology review. Pediatrics, Dec. 2, 2004
8. UTI. Washington Hospital Pediatric Grand Rounds, Washington, PA, Feb. 2, 2005.
9. Vesicoureteral reflux. Urology Nursing Society, Pittsburgh, May 12, 2005.
10. Scrotal disorders. Adolescent Medicine, Sept. 15, 2005, Nov. 2, 2006.
11. Protecting the family jewels: genital trauma. Trauma, Sept. 20, 2005.
12. Does newborn bladder irritation lead to pediatric voiding dysfunction? Magee Women's Hospital, Sept. 29, 2005.
13. Common pediatric urologic procedures. Nursing, Oct. 6 and 13, 2005.
14. Scrotal disorders. Emergency Department, Nov. 2, 2005 (also 2003, 2004).
15. Urology review for pediatric surgeons. Pediatric Surgery, Jan. 13, 2006.
16. Genital and renal trauma. Nursing, May 9, 2006, Sept. 12, 2006, May 16, 2007, Sept. 19, 2007, May 12, 2008.
17. Advice about solitary kidneys and leaking kidneys. Trauma, Dec. 5, 2006.
18. Gaining bladder continence: Not just for preschoolers. Molecular Medicine Seminar, Jan. 22, 2008.
19. Interstitial cystitis in adolescents. Adolescent Medicine, June 12, 2008.

Lucile Packard Children's Hospital and local hospitals

1. Testis Pain: NSAIDs or Operate? Pediatric Clinical Update South Bay, San Jose, CA, Sept. 25, 2010.
2. When does a UTI lead to a VCUG? Pediatric Clinical Update South Bay, San Jose, CA, Sept. 22, 2012.
3. Neonatal circumcision – recommended or not? Pediatric Clinical Update South Bay, San Jose, CA, Sept. 21, 2013.
4. When does a UTI lead to a VCUG? Dominican Hospital Pediatric Grand Rounds, Santa Cruz, CA, Oct. 9, 2013.
5. Congenital and Childhood Genitourinary Problems: Cryptorchidism, Epispadias, Hypospadias, Chordee, Phimosis/Paraphimosis, Labial Adhesions. Stanford Primary Care Associate Program, Oct. 24, 2013.
6. Pediatric urologic emergencies. LPCH Pediatric Emergency Medicine Grand Rounds, Aug. 20, 2014.
7. Differences in treatment of day-time and night-time urinary incontinence. Pediatric Clinical Update South Bay, San Jose, CA, Sept. 20, 2014.
8. Differences in treatment of day-time and night-time urinary incontinence. El Camino Hospital Pediatric Grand Rounds, Mountain View, CA, March 16, 2015.
9. Managing daytime urinary incontinence in your practice. Pediatric Clinical Update South Bay, Cupertino, CA, April 8, 2017.
10. Treatment of daytime urinary incontinence. Santa Clara Valley Medical Center Pediatric Grand Rounds. San Jose, CA, May 24, 2017.
11. Pediatric urologic emergencies. Dominican Hospital Pediatric Grand Rounds, Santa Cruz, CA, April 11, 2018.

Hasbro Children's Hospital and local hospitals

1. What's going on down there? Project Search, Miriam and Newport Hospitals. Oct. 1, 2020.
2. Unusual prenatal hydronephrosis. Women & Infants Hospital, Neonatology Grand Rounds, Jan. 11, 2023.
3. Scrotal swellings, penile anomalies, kidney stones. Brown Pediatric Residency Noon Conference, May 10, 2023.
4. Prenatal hydronephrosis. Women & Infants Hospital, MADAM Conference, Sept. 15, 2023.
5. Urology in the nursery. Women & Infants Hospital, Mother Baby Unit. Jan. 18, 2024.

GRANTS

1. American Foundation for Urologic Disease Summer Student Scholarship. 1990.
2. National Kidney Foundation of Northern California. 1997 – 1998.
3. K12 NIH-DK002196. Training in Urology. 2000 – 2002.
4. K08 NIH-DK065759. Afferent signaling in voiding reflex maturation. PI, 75% effort, \$300,000. 2004 – 2007. Mentor: William C. de Groat.
5. Society for Pediatric Urology, \$20,000. 2011 – 2012.
6. Arline and Pete Harman Endowed Faculty Scholar, Stanford University School of Medicine, \$300,000. 2012 – 2015.

UNIVERSITY TEACHING, ADVISING, and MENTORING ROLES

Post-doctoral research fellows:

University of Pittsburgh

Yuen-Keng Ng, Ph.D., 2003 – 2005

Debra Artim, Ph.D., 2007 – 2008

Post-doctoral research fellows:

Stanford University

Hui-Yi Chang, Ph.D., 2009 – 2010

Stanford University undergraduates:

Stanford Immersion in Medicine Series, Physician Shadowing program, 2008 – 2016.

Average class: 2 students.

Pre-Major advisor, 2009 – 2016. Average class size: 8 freshmen and 8 sophomores.

Alpert Medical School, Brown University:

Faculty, Urology elective and sub-internship

Co-Director, Pediatric urology elective

Member, Urology residency Program Evaluation Committee

Urology resident didactics:

1. Heuristics in medical decision making. Feb. 19, 2021.
2. Exstrophy and epispadias. June 25, 2021, Aug. 5, 2022, Feb. 4, 2026.
3. Cloacal exstrophy and cloaca. July 9, 2021.

4. When to leave a job. Feb. 18, 2022.
5. Hypospadias. April 6, 2022, Nov. 5, 2025.
6. How to think about pediatric incontinence. April 29, 2022, Dec. 11, 2026.
7. Botox hands-on lab. May 11, 2022.
8. Pediatric urology trauma. August 3, 2022.
9. How to give an interesting scientific talk. Dec. 16, 2022, June 12, 2026.
10. How to remember disorders of sexual development diagnoses. Feb. 24, 2023.
11. Pediatric UTI, VUR and megaureter. August 7, 2024.
12. Congenital adrenal hyperplasia. Feb. 12, 2025.
13. Undescended testis. Oct. 8, 2025.
14. Genetic testing for DSD. Feb. 4, 2026.
15. Spina bifida. Feb. 27, 2026.
16. Testis torsion. July 17, 2026

Medical students:

Alpert Medical School, Brown University

Doctoring Program, Community Mentoring (MS2)

Winston McCormick, 2020 – 2021

Kang Woo Kim, 2021 – 2022

Ermias Araia, 2022 – 2023

Kevin Eappen, 2023 – 2024

Ege Gungor Onal, 2024 – 2025

Jacob Sternberg-Sher, 2025

New England Student Urology Symposium, 3/9/24. Organizing Committee, Moderator, Speaker

HOSPITAL TEACHING, ADVISING, and MENTORING ROLES

Pediatric urology fellows:

Children's Hospital of Pittsburgh

Christine Kim, M.D., 2003 – 2004

Paul Noh, M.D., 2004 – 2005

Ethan Polsky, M.D., 2005 – 2006

Michael Ost, M.D., 2006 – 2007

Danielle Sweeney, M.D., 2007 – 2008

Pediatric urology fellows:

Lucile Packard Children's Hospital, Stanford

Hillary Copp, M.D., 2008 – 2009

Curtis Clark, M.D., 2008 – 2010

Robert Payne, M.D., 2011 – 2013

Winifred Owumi, M.D., 2012 – 2014

Oreoluwa Ogunyemi, M.D., 2013 – 2015

Monica Velasquez, M.D., 2016 – 2018

Kathleen Kan, M.D., 2017 – 2019

Urology residents:

University of Pittsburgh

Glenn Cannon, M.D., 2004 – 2005

Ruthie Su, M.D., 2007 – 2008

Urology residents:

Stanford University

Smita De, M.D., 2012 – 2013

David Guo, M.D., 2013 – 2014

Urology residents:

Brown University

Grand Rounds presentation

Katherine Hankins, M.D., 2021 – 2023

Sarah Moore, M.D., 2021 – 2023

Faizan Munshi, M.D., 2022 – 2023

Sreeya Komaravolu, M.D., 2022 – 2023

Jared Goldstein, M.D., 2024 – 2025

Emily Barry, M.D., 2024 – 2025

Iha Kaul, M.D., 2024 – 2025

Joseph Wiedemer, M.D., 2024 – 2025

John T. Morgan, M.D., 2024 – 2025

Clinical research

Emily Barry, M.D., 2023