

Curriculum Vitae: updated September 28, 2019

A. Identifying Data

Name	Kunj R Sheth, M.D.
Current Position	Assistant Professor Department of Urology
Current Affiliation	Stanford University School of Medicine

B. Academic History

Colleges and Universities Attended

08/2008 – 05/2012	Northwestern University, Feinberg School of Medicine Chicago, IL M.D.
09/2005 – 06/2008	Northwestern University Evanston, IL B. S. in Biomedical Engineering with distinction Honors Program in Medical Education

Residency and Fellowship Training

07/2017 – 07/2019	Baylor College of Medicine – Texas Children’s Hospital Houston, TX Pediatric Urology Fellowship, Anticipated 2019
07/2013 – 06/2017	University of Texas Southwestern Medical Center Dallas, TX Urology Residency
07/2012 – 06/2013	University of Texas Southwestern Medical Center Dallas, TX General Surgery Internship

Scholarships and Honors

2018	Best Pediatric Abstract or Video Presentation at the 2019 North American Robotic Urologic Symposium
2018	Society for Fetal Urology Best Case Presentation at the 2018 SFU Fall Congress Meeting
2011	Alpha Omega Alpha Honor Medical Society – awarded membership

- 2009 Medical School Student Research Program – awarded grant to conduct Agent-based modeling research with Dr. Gary An
- 2008 Graduated *Magna Cum Laude*
- 2005 Ford Dean’s Scholar – awarded membership on an advisory board to the Dean of the McCormick School of Engineering
- 2005 Honors Program in Medical Education – accepted into accelerated undergraduate/MD program at Northwestern University in collaboration with Feinberg School of Medicine

Board Certification

Board Eligible for Urology

C. Public and Professional Service

Ad Hoc Reviewer
2019 *Journal of Pediatric Urology*

D. Post-Degree Honors and Awards, Including Memberships in Professional Societies

- 2018-present American Association of Pediatrics
- 2013-present American Urologic Society
- 2011-present Alpha Omega Alpha Honor Medical Society
- 2008-2012 American Medical Student Association

E. Design Projects

2017-present **Stent-X Device**
Under the supervision of Dr. Chester Koh and in collaboration with Fannin Innovation Studio, we are developing a ureteral stent that can be removed by a magnet without a second anesthetic encounter. The project was awarded an SBIR phase 1 grant under which animal studies are ongoing

2017-present **Uroflow Valve**
Through a Capstone Engineering Design Program at Rice University, I have worked with senior biomedical engineering students to design an electronic minimally invasive valve that can control urine flow in pediatric patients with neurogenic bladders, while controlling for elevated bladder pressures with a pop-off valve to allow for urinary leakage.

2017-present **SecUrine**
Through a Capstone Engineering Design Program at Texas A&M I have worked with senior biomedical engineering students to design a mechanical minimally invasive device that can control urine flow in pediatric patients with neurogenic bladders, while controlling for elevated bladder pressures with a pop-off valve to allow for urinary leakage. A provisional patent as been filed.

2017-present **Cal-Trap**
Through a Capstone Engineering Design Program at Texas A&M I have worked with senior biomedical engineering students to design a combined basket and laser device that can be used doing ureteroscopy to allow for contained lithotripsy of a stone, enabling easy removal of all pieces after laser fragmentation.

F. Patents

1. U.S. Provisional Patent Application Serial No. 62/663,017 (Sheth BCM) 4/26/2018 - "DEVICE FOR THE MANAGEMENT OF INCONTINENCE-RELATED SYMPTOMS"

G. Bibliography

Peer-reviewed original research (20 total)

1. **Sheth KR**, Anaissie J, Patel S, White JT, Seth A. The efficacy of unilateral laparoscopic nephrectomy in the pediatric hypertensive patient. *Journal of Pediatric Urology* (In Press) J Pediatr Urol. 2019 June 20. pii: S1477-5131(19)30191-3. doi: 10.1016/j.jpuro.2019.05.039. [Epub ahead of print]
2. Gerber JA, Balasubramanian A, Jorgez CJ, Shukla MA, Jacob JS, Zhu H, **Sheth KR**, Mittal A, Tu DD, Koh CJ, Janzen N, Wang MH, Austin PF, Gonzales ET, Roth DR, Seth A. Do pediatricians routinely perform genitourinary examinations during well-child visits? A review from a large tertiary pediatric hospital. *J Pediatr Urol*. 2019 May 23. pii: S1477-5131(19)30130-5. doi: 10.1016/j.jpuro.2019.05.007. [Epub ahead of print]
3. White JT, Kovar EM, Chambers TM, **Sheth KR**, Peckham-Gregory EC, O'Neill M, Langlois PH, Jorgez CJ, Lupo CJ, Seth A. Hypospadias Risk is Increased with Maternal Residential Exposure to Heavy Metal Hazardous Air Pollutants. *Int J Environ Res Public Health*. 2019 Mar 14;16(6). pii: E930. doi: 10.3390/ijerph16060930.
4. **Sheth KR**, Kovar EM, White JT, Chambers TM, Peckham-Gregory EC, O'Neill M, Langlois PH, Seth A, Scheurer M, Lupo CJ, Jorgez CJ. Hypospadias Risk is Increased with Maternal Residential Exposure to Hormonally Active Air Pollutants. *Birth Defects Res*. 2019 Jan 29. doi: 10.1002/bdr2.1461 [Epub ahead of print]
5. **Sheth KR**, White JT, Perez-Orozco AF, Debolske ND, Hyde CR, Geistkemper C, Roth DR, Austin PA, Gonzales ET, Janzen NK, Tu DT, Mittal AG, Koh CJ, Ryan SL, Jorgez C, Seth A. Using the Natural History of Small Nonobstructive Kidney Stones in the

Pediatric Population to Guide Follow-up Recommendations. *Front Pediatr*. 2018 Nov 16;6:353. doi: 10.3389/fped.2018.00353. eCollection 2018.

6. **Sheth KR**, White JT, Stanasel I, Janzen N, Mittal A, Koh CJ, Austin PF, Roth DR, Tu DD, M, Gonzales ET, Ryan S, Jorgez C, Seth A. Comparing Treatment Modalities for Transplant Kidney Vesicoureteral Reflux in the Pediatric Population. *J Pediatr Urol*. 2018 Dec; 14(6): 554.e1-554.e6.
7. **Sheth KR**, White JT, Janzen N, Koh CJ, Austin PF, Roth DR, Tu DD, Mittal A, Wang M, Gonzales ET, Jorgez C, Seth A. Evaluating Outcomes of Differential Surgical Management of Non-functioning Upper Pole Renal Moieties in Duplex Collecting Systems. *Urology*. 2019 Jan; 123: 198-203.
8. White JT, **Sheth KR**, Bilgutay A, Roth DR, Austin PF, Gonzales ET, Tu DD, Mittal AG, Koh CJ, Ryan SL, Jorgez C, Seth A. Clinical Outcomes of Prune Belly Syndrome Patients at a Single Tertiary Center. *Front. Pediatr*. 2018 Jul 3;6: 180. doi: 10.3389/fped.2018.00180. eCollection 2018.
9. Puttmann KT, White JT, Huang GO, **Sheth K**, Elizondo RA, Zhu H, Braun MC, Mann DG, Olutoye OA, Tu DT, Ruano R, Belfort MA, Brandt ML, Roth DR, Koh CJ. Surgical Interventions and Anesthesia Exposure in the First Year of Life for LUTO. *Journal of Pediatric Surgery*. 2018 July 6 doi: 10.1016/j.jpedsurg.2018.06.033. [Epub ahead of print]
10. Grimsby GM, Schlomer BJ, Menon VS, Ostrov L, Keays M, **Sheth KR**, Villanueva C, Granberg C, DaJusta D, Hill M, Sanchez E, Harrison CB, Jacobs MA, Burgu B, Hennes H, Baker LA. Prospective Evaluation of Predictors of Testis Atrophy after Surgery for Testis Torsion in Children. *Urology*. 2018 Jun; 116: 150-5.
11. Hutchinson R, Rew C, Chen G, Woldu S, Krabbe LM, Meissner M, **Sheth K**, Singla N, Shakir N, Master VA, Karam JA, Matin SF, Borregales LD, Wood C, Masterson T, Thompson RH, Boorjian SA, Leibovich BC, Abel EJ, Bagrodia A, Margulis V. The Adverse Survival of Bland Thrombus in Renal Cell Carcinoma with Venous Tumor Thrombus. *Urology*. 2018 May; 115: 119-24.
12. **Sheth KR** and Arevalo MK, Menon VS, Ostrov L, Hennes H, Singla N, Koral K, Schlomer BJ, Baker LA. Straight to the Operating Room: An Emergent Surgery Track for Acute Testicular Torsion Transfers. *Journal of Pediatrics*. 2018 Jan; 192: 178-183.
13. Schlomer BJ, Keays M, Grimsby GM, Granberg CF, DaJusta DG, Menon VS, Ostrov L, **Sheth KR**, Hill M, Sanchez E, Harrison CB, Jacobs M, Huang R, Burgu B, Hennes H, Baker L. Trans-scrotal Near Infrared Spectroscopy as a Diagnostic Test for Testis Torsion in Pediatric Acute Scrotum: A Prospective Comparison to Gold Standard Diagnostic Test Study. *The Journal of Urology*. 2017 Sep; 198(3): 694-701.
14. **Sheth KR**, Keays M, Grimsby GM, Granberg CF, Menon VS, DaJusta DG, Ostrov L, Hill M, Sanchez E, Kuppermann D, Harrison CB, Jacobs MA, Huang R, Burgu B, Hennes H, Schlomer BJ, Baker LA. Diagnosing Testicular Torsion before Urologic Consultation and Imaging: TWIST Score and Near Infrared Spectroscopy. *The Journal of Urology*. 2016 Jun; 195(6): 1870-6.

15. **Sheth KR**, Haddad AQ, Ashorobi OS, Meissner MA, Sagalowsky AI, Lotan Y, Margulis V. Prognostic Serum Markers in Patients with High Grade Upper Tract Urothelial Carcinoma. *Urologic Oncology*. 2016 Sep; 34(9): 418.e09-16.
16. Hofer MD, Morey AF, **Sheth K**, Taush TJ, Siegel JA, Cordon BH, Bury MI, Cheng EY Kaplan WE, Sharma AK, Gonzalez CM, Kavoussi NL, Klein AK, Roehrborn CG. “Hypogonadism Predisposes to Artificial Urinary Sphincter Cuff erosion: Evidence from Clinical and Translational Studies.” *Urology*. 2016 Nov; 97: 245-9.
17. Fuchs JS, Hofer MD, **Sheth KR**, Cordon BH, Scott JM, Morey AF. Improving Outcomes of Bulbomembranous Urethroplasty for Radiation-Induced Urethral Strictures in Post-Urolume Era. *Urology*. 2017 Jan; 99: 240-5.
18. Sharma V, Le BV, **Sheth KR**, Zargaroff S, Dupree JM, Cashy J, Brannigan RE. Vasectomy Demographics and Postvasectomy Desire for Future Children: Results from a Contemporary National Survey. *Fertility and Sterility*. 2013 Jun; 99(7): 1880-5.
19. Sharma V, Zargaroff S, **Sheth KR**, Le BV, Dupree JM, Sandlow JI, Polackwich AS, Hedges JC, Fuchs EF, Goldstein M, Brannigan RE. Relating Economic Conditions to Vasectomy and Vasectomy Reversal Frequencies: A Multi-Institutional Study. *The Journal of Urology*. 2014 Jun; 191(6): 1835-40.
20. **Sheth KR**, Sharma V, Helfand BT, Cashy J, Smith K, Hedges JC, Kohler TS, Woodruff TK, Brannigan RE. Improved Fertility Preservation Care for Male Cancer Patients Following the Establishment of a Formalized Oncofertility Program. *The Journal of Urology*. 2012 Mar; 187(3): 979-86.

Peer-reviewed publications (2 total)

1. **Sheth KR**, Koh CJ. The future of robotic surgery in pediatric urology: upcoming technology and evolution within the field. *Front Pediatr*. 2019 Jul 2;7:259. doi: 10.3389/fped.2019.00259. eCollection 2019.
2. Mehta S, **Sheth K**, Khatri G, Raj GV, Zimmern PE: Management of Female Anterior Urethral Masses. *Female Pelvic Medicine and Reconstructive Surgery*. 2015 Sept-Oct; 21(5): e46-8.

Non-Peer-reviewed Articles (none)

Book Chapters (3 total)

1. **Sheth KR**, Austin PA. “Abnormalities of the Inguinal Canal and Scrotum.” *Guide to Pediatric Urology and Surgery in Clinical Practice*. Godbole PP, Wilcox DT, Koyle MA (Eds.) *In press*
2. **Sheth KR**, Van Batavia JP, Bowen D, Koh CJ, Srinivasan AK. “MIS in Pediatric Urology: Adaptations and New Frontiers.” *Urology Clinics of North America*. Caldamone A, Copp H, Shukla A, Lorenzo A (Eds.). 2018: 611-621.
3. **Sheth KR**, Peters CA. “Robotic Pyeloplasty.” *Pediatric Robotic Surgery: Technical and Management Aspects*. Mattioli G, Petralia P (Eds.). Switzerland: Springer International Publishing; 2017: 55-64.

Published Abstracts

1. **Sheth KR**, White JT, Seth A. “Surgical Management of Upper Pole Nonfunctioning Renal Moieties – the Timeless Debate.” *The Journal of Urology* April 2018, 199 (4) Supplement: e932.
2. **Sheth KR**, Hofer MD, Kavoussi NL, Cordon BH, Scott JM, Morey AF. “Chronic Suprapubic Tube Urinary Diversion as a Minimally Invasive Strategy for Resolution of Incontinence for Complex Radiation-Induced Strictures.” *The Journal of Urology* April 2016, 195 (4) Supplement: e695-696.
3. Hofer MD, **Sheth K**, Taush TJ, Siegel J, Cordon BH, Kavoussi N, Klein A, Roehrborn CG, Morey AF. “Hypogonadism is a Risk Factor for Artificial Urinary Sphincter Cuff Erosion.” *The Journal of Urology* April 2016, 195 (4) Supplement: e397.
4. **Sheth KR**, Keays M, Granberg C, Grimsby GM, Menon VS, DaJusta DG, Ostrov L, Hill M, Sanchez E, Hutchinson R, Harrison CB, Jacobs MA, Huang R, Burgu B, Hennes H, Schlomer BJ, Baker LA. “Testicular Torsion Pain in the Prepubertal Patient: Variations in Presentation.” *The Journal of Urology* April 2016, 195 (4) Supplement: e582-583.
5. Chen G, Rew C, Hutchinson R, Singla N, **Sheth K**, Meissner M, Haddad A, Mann M, Abel EJ, Margulis V, Thompson H. “Presence of Bland Thrombus is a Negative Indicator for Cancer Specific Survival in Patients Undergoing Nephrectomy for Kidney Tumors with Venous Tumor Thrombus.” *The Journal of Urology* April 2016, 195 (4) Supplement: e706.
6. Meissner MA, Haddad AQ, **Sheth KR**, Liang L, Chiang J, Margulis V. “Inflammatory Markers Predict Adverse Pathologic Features and Survival in Patients with Localized Renal Cell Carcinoma.” 94th Annual Meeting of the South Central Section of the AUA Program Book. 2nd Place in Resident Essay Competition
7. **Sheth KR**, Keays M, Grimsby G, Granberg C, DaJusta DG, Ostrov L, Hill M, Sanchez E, Harrison C, Jacobs M, Huang R, Burgu B, Hennes H, Schlomer B, Baker LA. “Does Near Infrared Spectroscopy Improve TWIST Score in the Diagnosis of Testicular Torsion?” *The Journal of Urology* April 2015, 193 (4) Supplement: e464.
8. Ostrov L, Grimsby G, Menon V, Keays M, **Sheth K**, Granberg C, DaJusta, Hill M, Sanchez E, Hunag R, Burgu B, Harrison C, Jacobs M, Hennes H, Schlomer B, Baker L. “The Effect of Race and Skin Color on Near-Infrared Spectroscopy Readings in Pediatric Patients with Unilateral Acute Scrotum.” *The Journal of Urology* April 2015, 193 (4) Supplement: e467.
9. Schlomer B, Keays M, Grimby G, Granberg C, DaJusta D, Bergu B, Ostrov L, **Sheth K**, Hill M, Sanchez E, Huang R, Harrison C, Jacobs M, Hennes H, Baker L. “Trans-Scrotal Near Infrared Spectroscopy in the Emergency Department to Diagnose Testicular Torsion in Pediatric Patients Presenting with Acute Scrotum.” *The Journal of Urology* April 2015, 193 (4) Supplement: e463-4.
10. **Sheth KR**, Sharma V, Zargaroff S, Le B, Dupree JM, Brannigan RE. “National Incidence of Testicular Examination in Men Ages 15-45: Predictive Factors and Barriers.” *The Journal of Urology* April 2012, 187 (4) Supplement: e169-170.

11. **Sheth KR**, Sharma V, Dupree JM, Zargaroff S, Le B, Brannigan RE. "Semen Analysis Parameters for Men with Newly Diagnosed Cancer." *The Journal of Urology* April 2012, 187 (4) Supplement: e923.
12. Sharma V, **Sheth KR**, Zargaroff S, Le B, Dupree JM, Brannigan RE. "A Comparative Analysis of Sexual Behaviors and Condom Usage of Vasectomized Men." *The Journal of Urology* April 2012, 187 (4) Supplement: e269.
13. Sharma V, **Sheth KR**, Zargaroff S, Le B, Dupree JM, Brannigan RE. "Demographics and Family Planning Attitudes of Vasectomized Men: Results from a National Survey." *The Journal of Urology* April 2012, 187 (4) Supplement: e803-804.
14. Sharma V, **Sheth KR**, Zargaroff S, Le B, Dupree JM, Polackwich S, Hedges J, Fuchs E, Sandlow J, Goldstein M, Brannigan RE. "Relating Economic Conditions to Vasectomy and Vasectomy Reversal Rates: A Multi-Institutional Study." *The Journal of Urology* April 2012, 187(4) Supplement: e804.
15. Sharma V, **Sheth KR**, Zargaroff S, Le B, Dupree JM, Lockart BA, Gosienfiao YC, Brannigan RE. "Outcomes of Fertility Preservation Attempts in Pediatric Male Patients with Cancer." *The Journal of Urology* April 2012, 187 (4) Supplement: e557.
16. Zargaroff S, Meeks J, Le B, Dupree JM, Sharma V, **Sheth KR**, McVary K. "Explantation Compared to Washout and Reimplantation of Infected Penile Prostheses: A National Comparison." *The Journal of Urology* April 2012, 187 (4) Supplement: e755.
17. **Sheth KR**, Sharma V, Lockart BA, Brannigan RE, Gosienfiao YC. "Fertility Preservation in Pediatric Patients Undergoing Stem Cell Transplantation: Sperm Banking Before or After Chemotherapy." *The American Society of Blood and Marrow Transplant 2012 BMT Tandem Meetings*, Feb 1-5, 2012.
18. **Sheth KR**, Sharma V, Lockart BA, Brannigan RE, Gosienfiao YC. "Evaluating the Efficacy and Need for an Oncofertility Preservation Program in the Pediatric Population." *Pediatric Blood & Cancer* Nov 2011. 57 (5):759.
19. Helfand BT, **Sheth KR**, Sharma V, Smith K, Hedges JC, Kohler TS, Woodruff TK, Brannigan RE. "How Does Establishment of a Formal Institutional Fertility Preservation Program Impact Utilization and Patient Characteristics." *The Journal of Urology* April 2011, 185 (4) Supplement: e912.
20. **Sheth KR** & An G. "In Silico Translation of Cellular and Molecular Mechanisms to Clinical Phenomena in Atheroma Development with an Agent Based Model." *Journal of Surgical Research (ASC Abstracts Issue)* 2010, 158 (2): 382-383.

H. Presentations

Video

1. **Sheth KR**, Park D, Puttmann K, Wang L White J, Silay M, Roth D, Koh C. "Port Placement Configurations for Simultaneous Bilateral Robot-Assisted Laparoscopic Procedures in Pediatric Urology." *Video 2nd North American Robotic Urologic Symposium*. Feb 16-17, 2018.

2. **Sheth KR**, Koh CJ. “Extremes of Pediatric Robot-Assisted Laparoscopic Common Sheath Ureteral Reimplantation – Two Cases Using 5mm Instruments.” Video 3rd North American Robotic Urologic Symposium. Feb 8-9, 2019.

Podium Presentations

1. **Sheth KR**, White JT, Puttman K, Waters D, Soto M, Bell M, Aboufadel T, Heffernan MJ, Richardson E, Song SH, Koh CJ. “Quantifying the Force Needed for Ureteral Stent Removal: Initial Evaluation of a Magnetic Stent Removal Device on Benchtop and Porcine Models.” Podium Presentation at the Society of Pediatric Urology 2019 Fall Congress, Sep 26-29, 2019.
2. Song SH, Kim IA, Han JH, Kim KS, Kim EJ, **Sheth K**, Gerber J, Baek M, Koh CJ. “Preoperative Bladder Bowel Dysfunction is the Most Important Predictive Factor for Postoperative Urinary Retention after Robot Assisted Laparoscopic Extravesical Ureteral Reimplantation: a Multi-center Study.” Podium Presentation at the Society of Pediatric Urology 2019 Fall Congress, Sep 26-29, 2019.
3. Elizondo RA, **Sheth KR**, White JT, Wang LC, Lendvay TS, Shukla A, Akhavan A, Kirsh A, Elder JS, Castellan M, Whittam B, Farhat W, Palmer LS, Gundeti M, Peters CA, Koh CJ. “Conflict of Interest Disclosures with Publications in Pediatric Urology – Are They Necessary?” Podium Presentation at the 3rd North American Robotic Urologic Symposium. Feb 8-9, 2019.
4. White JT, Huang GO, **Sheth KR**, Wang LC, Belfort MA, Whitehead WE, Castillo J, Castillo H, Ostermaier KK, Mittal AG, Koh CJ, Austin PF, Tu DD. “Postnatal Urologic Outcomes through Infancy in Prenatal Fetoscopic Versus Prenatal Open Myelomeningocele Repairs.” Podium Presentation at the International Children’s Continence Society 2018 Meeting, Sep 26-9, 2018.
5. White JT, **Sheth KR**, O’Neill M, Koh CJ, Roth DR, Lamb DJ. “RBFOX-2 Haploinsufficiency Alters Urethral Development Causing Hypospadias and Urinary Tract Obstruction.” Basic Science Abstract Prize Finalist at the Society of Pediatric Urology 2018 Fall Congress, Sep 14-16, 2018.
6. Elizondo RA, Puttmann KT, White JT, **Sheth K**, Huang GO, Zhu H, Braun MC, Mann DG, Olutoye OA, Tu DT, Ruano R, Belfort MA, Brandt ML, Roth DR, Koh CJ. “Surgical Interventions and Anesthesia Exposure in the First Year of Life for Patients with Prenatally Diagnosed Lower Urinary Tract Obstruction.” Podium Presentation at the Society of Pediatric Urology 2018 Fall Congress, Sep 14-16, 2018.
7. Soo Jeong, K, Babigumira J, Kern A, **Sheth K**, Jacobs M, Akhavan A. “Cost Comparison of Intra-Detrusor Injecion of Botulinum Toxin Type A versus Augmentation Cystoplasty for Refractory Neurogenic Detrusor Overactivity in Children.” Podium Presentation at the Society of Pediatric Urology 2018 Fall Congress, Sep 14-16, 2018.
8. Elizondo, RA, Puttmann K, White J, Wang L, **Sheth K**, Baek M, Koh C. “Does the Stent Length Formula “Age+10” Apply to All Pediatric Patients?” Podium Presentation at the Society of Pediatric Urology 2018 Fall Congress, Sep 14-16, 2018.
9. **Sheth KR**, White JT, Stanasel I, Seth A. “Vesicoureteral Reflux in the Post-Renal Transplantation Setting: Comparison of Treatment Options in the Pediatric Population.”

Podium Presentation at the 66th Society of Pediatric Urology Annual Meeting, May 18-20, 2018.

10. **Sheth KR**, Kern A, Arevalo M, Schlomer BJ, Gargollo PA, Jacobs MA. “Conservative Approach to Unilateral Neonatal Grade 3-4 Hydronephrosis - Evaluation of outcomes with Long-term Follow-up.” Podium Presentation at the Society of Pediatric Urology 2016 Fall Congress, Sep 9-11, 2016.
11. **Sheth KR**, Sharma V, Lockart BA, Brannigan RE, Gosienfiao YC. “Evaluating the Efficacy and Need for an Oncofertility Preservation Program in the Pediatric Population.” Podium Presentation for the 43rd Congress of the International Society of Pediatric Oncology, Oct 26-30, 2011.
12. **Sheth KR** & An G. “In Silico Translation of Cellular and Molecular Mechanisms to Clinical Phenomena in Atheroma Development with an Agent Based Model.” Podium Presentation for the 5th Annual Academic Surgical Congress, San Antonio, TX, February 5, 2010.
13. White JT, O’Neill M, **Sheth KR**, Koh CJ, Roth DR, Lamb DJ. “Mining of CNV Databases Discovers a Possible Role of RBFOX-2 in Penile Development. 66th Society of Pediatric Urology Meeting. Podium Presentation at the Edmond T. Gonzales, Jr Surgical Research Day 2018, Houston, TX, May 11, 2018. Award Best Presentation
14. Puttmann K, White J, Baek M, Koh C, Wang L, **Sheth K**. “Right-Sizing Ureteral Stent Length Choice for Pediatric Urology Patients.” Podium Presentation at the 2nd North American Robotic Urologic Symposium. Feb 16-17, 2018.

Poster Presentations

1. **Sheth KR**, White JT, Bilgutay AN, Seth A, Mittal AG. “Anterior urethral valves- a rare but challenging congenital pathology.” Moderated Poster at the Society of Pediatric Urology 2019 Fall Congress, Sep 26-29, 2019.
2. Gerber J, **Sheth KR**, Austin PF. “Robinow Syndrome: Genital Analysis, Genetic Heterogeneity and Associated Psychological Impact.” Poster at the Society of Pediatric Urology 2019 Fall Congress, Sep 26-29, 2019.
3. Song SH, Kim IA, Han JH, Sim KS, Kim EJ, **Sheth K**, Gerber J, Baek M, Koh CJ. “Development and Validation of a Scoring System for Objective Assessment of Vesicoureteral Reflux Resolution Using Analysis and Visualization of Pre- and Intraoperative Factors of Pediatric Robot-Assisted Laparoscopic Extravesical Ureteral Reimplantation: A Multi-Institutional Internal and External Validation Analysis.” Poster at the Society of Pediatric Urology 2019 Fall Congress, Sep 26-29, 2019.
4. White JT, Tu DD, **Sheth KR**, Wang LC, Castillo J, Castillo H, Koh CJ, Seth A, Mittal AG, Austin PA. “Urodynamic Stratification of Infants with Spina Bifida Provide Predictable Urologic Outcomes.” Moderated Poster Presentation at the International Children’s Continence Society 2018 Meeting, Sep 26-9, 2018.
5. **Sheth KR**, Patel S, White JT, Seth A. “Questioning the efficacy of unilateral nephrectomy in the pediatric hypertensive patient.” Moderated Poster at the Society of Pediatric Urology 2018 Fall Congress, Sep 14-16, 2018.
6. **Sheth KR**, Puttmann K, Nichols P, Zhu H, Ryan S, Wang M. “Is Post-operative Antibiotic Prophylaxis Necessary after Pyeloplasty?” Moderated Poster at the Society of

- Pediatric Urology 2018 Fall Congress, Sep 14-16, 2018.
7. White JT, **Sheth KR**, Bilgutay A, Roth DR, Austin PF, Gonzales ET, Tu DD, Mittal AG, Koh CJ, Ryan SL, Jorgez C, Seth A. "Clinical Outcomes of Prune Belly Syndrome Patients at a Single Tertiary Center." Moderated Poster at the Society of Pediatric Urology 2018 Fall Congress, Sep 14-16, 2018.
 8. White JT, Kovar EM, Chambers TM, **Sheth KR**, Peckham-Gregory EC, Seth A, Jorgez CJ, Lupo CJ. "Hypospadias Risk is Increased with Maternal Residential Exposure to Heavy Metal Hazardous Air Pollutants." Moderated Poster at the Society of Pediatric Urology 2018 Fall Congress, Sep 14-16, 2018.
 9. **Sheth KR**, White JT, Seth A. "Surgical Management of Upper Pole Nonfunctioning Renal Moieties – the Timeless Debate." Moderated Poster at the American Urologic Association 2018 Meeting, May 18-21, 2018.
 10. **Sheth KR**, White JT, Puttmann K, Huang GO, Zhu H, Tu D. "Intradetrusor OnabotulinumtoxinA in the Spina Bifida Population: Effects on Urodynamics Parameters." Display Poster at the 66th Society of Pediatric Urology Annual Meeting, May 18-20, 2018.
 11. **Sheth KR**, Perez-Orozco AF, Debolske ND, Hyde CR, White JT, Geistkemper C, Seth A. "Observation of Nonobstructive Stones in the Pediatric Population: is it Safe?" The Journal of Urology April 2018, 195 (4) Supplement: e582-583. Display Poster at the 66th Society of Pediatric Urology Annual Meeting, May 18-20, 2018.
 12. White JT, O'Neill M, **Sheth KR**, Koh CJ, Roth DR, Lamb DJ. "Mining of CNV Databases Discovers a Possible Role of RBFOX-2 in Penile Development. Display Poster at the 66th Society of Pediatric Urology Annual Meeting, May 18-20, 2018.
 13. **Sheth KR**, Puttmann K, Nichols P, Zhu H, Ryan S, Wang M. "Prevention of Urinary Tract Infections Post-Pyeloplasty: Antibiotic Stewardship and Postoperative Care." Display Poster at the Edmond T. Gonzales, Jr Surgical Research Day, May 18-20, 2018.
 14. **Sheth KR**, White JT, Wang LC, Tu D, Austin P, Gonzales E. "Congenital Duplicated Lower Urinary Tract – Just One Piece of the Puzzle." Moderated Poster at the Baylor College of Medicine 2017 Reproductive Research Day, Nov 7, 2017.
 15. **Sheth KR**, White JT, Puttmann K, Waters D, Soto M, Aboufadel T, Heffernan M, Richardson E, Koh CJ. "Development of a Porcine Lower Urinary Tract Model to Test a Novel Ureteral Stent Electromagnetic Removal Device." Moderated Poster at the Baylor College of Medicine 2017 Reproductive Research Day, Nov 7, 2017.
 16. Kern A, **Sheth KR**, Jacobs MA, Akhavan A. "Cost Analysis of Intra-Detrusor Injection of Botulinum Toxin Versus Augmentation Cystoplasty for Refractory Neurogenic Detrusor Overactivity." Moderate Poster at the Society of Pediatric Urology 2016 Fall Congress, Sep 9-11, 2016.
 17. **Sheth KR**, Keays M, Granberg C, Grismby GM, Menon VS, DaJusta DG, Ostrov L, Hill M, Sanchez E, Hutchinson R, Harrison CB, Jacobs MA, Huang R, Burgu B, Hennes H, Schlomer BJ, Baker LA. "Testicular Torsion Pain in the Prepubertal Patient: Variations in Presentation." Moderated Poster at the American Urologic Association 2016 Meeting, May 6-10, 2016.
 18. **Sheth KR** Tausch TJ, Siegel JA, Hofer MD, Klein AK, Morey AF, Roehrborn CG. "Association of Hypogonadism with Artificial Urinary Cuff Erosion." Moderated Poster Presentation at 2015 Annual Meeting of the South Central Section of American Urological Association, Inc., Oct 28-31, 2015.

19. **Sheth KR**, Keays M, Grismby G, Granberg C, DaJusta DG, Ostrov L, Hill M, Sanchez E, Harrison C, Jacobs M, Huang R, Burgu B, Hennes H, Schlomer B, Baker LA. “Does Near Infrared Spectroscopy Improve TWIST Score in the Diagnosis of Testicular Torsion?” Moderated Poster at the American Urologic Association 2015 Meeting, May 14-18, 2015.
20. **Sheth KR**, Sharma V, Zargaroff S, Le B, Brannigan RE. “Utilization of Fertility Preservation Services in Non-Cancer Medical Conditions.” Poster Presentation at the American Society of Andrology 37th Annual Conference, April 21-24, 2012.
21. Sharma V, **Sheth KR**, Zargaroff S, Le B, Brannigan RE. “Relating Economic Conditions to Vasectomy and Vasectomy Reversal Rates: a Bi-Institutional Pilot Study.” Poster Presentaion at the American Society of Andrology 37th Annual Conference, April 21-24, 2012.
22. **Sheth KR**, Cashy J, Kundu S. “A Descriptive Analysis of Sex Cord Stromal Tumors Using a National Database.” Poster Presentation at the 2011 Annual Meeting of the Society of Urologic Oncology, Nov 30-Dec 2, 2011.
23. Sharma V, **Sheth KR**, Helfand BT, Cashy J, Woodruff TK, Brannigan RE. “Factors Affecting Cancer Patients’ Decision to Cryopreserve Sperm.” Poster Presentation at 67th Annual Meeting of American Society of Reproductive Medicine, Oct 15-19, 2011.
24. Sharma V, **Sheth KR**, Cashy J, Hedges JC, Brannigan RE. “Estimating Annual Number of Vasectomies Using the 2006-2008 National Survey of Family Growth (NSFG).” Moderated Poster Presentation at 2011 Annual Meeting of the North Central Section of American Urological Association, Inc., Oct 18-22, 2011. Nominated for Best Clinical Poster.
25. **Sheth KR**, Helfand BT, Sharma V, Smith K, Hedges JC, Kohler TS, Woodruff T, Brannigan RE. “How does Establishment of a Formal Institutional Fertility Preservation Program Impact Utilization and Patient Characteristics.” Poster presentation at 31st Annual Minisymposium on Reproductive Biology, Chicago, IL. Apr 12, 2011.
26. **Sheth KR** & An G. “Agent Based Modeling of the Effect of Inflammation on Atheroma Development,” Poster presentation at Northwestern Institute of Complex Systems (NICO) Conference, Evanston, IL Sept 1-3, 2009.
27. **Sheth KR** & An G. “Agent Based Modeling of the Effect of Inflammation on Atheroma Development,” Poster presentation at Medical Sumer Student Summer Research Program (MSSRP) Poster Session, Chicago, IL Oct 22, 2009.

I. Community Service

2017-2019

Big Sister Volunteer/Mentor

Big Brothers Big Sisters of Greater Houston, TX

Supervisor: Cynthia Nicholson

Volunteering as a big sister/mentor for an 8-year-old child enrolled in the program