

Jason Van Batavia

CURRENT POSITION

Assistant Professor, Division of Pediatric Urology, Department of Surgery
The Children's Hospital of Philadelphia
Perelman School of Medicine at the University of Pennsylvania

Board Certifications:

Urology – 2020

Pediatric Urology - 2020

EDUCATION

University of Pennsylvania, Institute for Translational Medicine and Therapeutics, Philadelphia, PA
July 2017 – Feb 2021

M.S., Translational Research, Entrepreneurial Track

Funding: NIH KL2 award

Fellow, Division of Pediatric Urology, The Children's Hospital of Philadelphia, Philadelphia, PA
July 2015 – June 2017

Membership in Professional Societies: Society for Pediatric Urology, Section on Urology of American Academy of Pediatrics, American Urological Association

Funding: 2016 Urology Care Foundation Research Scholar Award, AUA Mid-Atlantic Section
William D. Steers, MD, Research Scholar Fund, June 2016 – July 2017

Resident, Department of Urology, Columbia University College of Physicians and Surgeons, New York-Presbyterian Hospital, New York, NY
June 2010 – June 2015

Membership in Professional Societies: American Urological Association, Endourological Society

Internship, General Surgery, Columbia University Medical Center-New York Presbyterian Hospital, New York, NY
June 2009 – June 2010

Columbia University College of Physicians and Surgeons, New York, NY
August 2005 – May 2009

MD

Honors: Alpha Omega Alpha, John K. Lattimer Prize in Urology, Bartelstone Award in Pharmacology

Yale University, New Haven, CT
August 2001 – May 2005

B.S., Molecular Biophysics and Biochemistry

Honors: Summa Cum Laude, Phi Beta Kappa, Distinction in Major

Dobbs Ferry High School, Dobbs Ferry, NY
September 1997 – June 2001

International Baccalaureate (IB) Diploma, June 2001

Honors: Valedictorian; National Merit Scholarship Finalist

FUNDING

Current:

Children's Hospital of Philadelphia, Junior Faculty Pilot Program

Role: PI

Project: Sex differences in social stress induced altered voiding phenotype in mice
Date: 1/2023 to 12/2024

Children's Hospital of Philadelphia, Foerderer Award
Role: PI
Project: Reverse stress altered voiding phenotype in mice using optogenetics
Date: 7/2022 to 6/2023

National Institutes of Health/National Institute of Diabetes and Digestive and Kidney Disease K08
1K08DK120934 (Role: PI)
Project: Defining the Role of CRH-expressing Neurons in Barrington's Nucleus
Date: 7/2019 to 12/2023

NIH/National Institute of Diabetes and Digestive and Kidney Disease Loan Repayment Program
Date: 2019-2021 and 2022-2024

Urology Care Foundation 2019 Rising Stars in Urology Research Award Program and Frank and
Marion Hinman Urology Research Fund (Role: PI)
Date: 7/2019 to 4/2023

Children's Hospital of Philadelphia – Office of Entrepreneurship and Innovation; SPRINT Program for
medical device development
Date: 7/2019 to current

Completed:

Gerber Foundation Novice Research Grant (Co-mentor)
Project: Copy number variants as biomarkers for renal failure in posterior urethral valve
Date: 11/2021 to 11/2022

NIH/National Institute of Diabetes and Digestive and Kidney Disease R44 SBIR Grant
1R44DK127835 (Role: Co-Investigator)
Project: Automated Digital Uroflowmetry for Office and Home Use
Date: 4/2021 to 3/2023

Southwest Pediatric Medical Device Consortium and American Academy of Pediatrics SOATT Prize
Role: PI Project: Development of Enema Assist Device
Date: 12/2021 to 12/2022

Children's Hospital of Philadelphia K-readiness Pilot Program (PI)
Date: 12/2018 to 11/2020

AmpTech and Biostrategy Partners Germinator Program (PI)
Date: 7/2019 to 6/2020

National Center for Advancing Translational Sciences of the National Institutes of Health under award
number KL2TR001879
Date: 7/2017 to 6/2019

Philadelphia Pediatric Medical Device Consortium Grant (PI)
Dates: 1/2018 to 12/2018

Urology Care Foundation Research Scholar Award
Dates: 7/2016 to 6/2017

MEDICAL SOCIETIES

International Children's Continence Society, 2022 – present
American Association of Pediatric Urologists, 2020 - present
Society for Neuroscience, 2017 - present
Society for Basic Urologic Research, 2017 – present
Society for Pediatric Urology, 2016 – present
American Academy of Pediatrics, Section on Urology, 2016 - present
American Urological Association, 2010 - present
American College of Surgeons, 2014 – 2015

COMMITTEES and LEADERSHIP

Moderator, Panel on Machine Learning in Urology, at the Society of Urodynamics, Female Pelvic Medicine, and Urogenital Reconstruction 2023 Winter Meeting, Nashville, TN
Moderator and Best Basic Science Abstract Judge, Session on “Basic and Translational Science” at the Society for Pediatric Urology Fall Congress 2022, Las Vegas, NV
AUA Core Curriculum, Co-author for “Voiding Dysfunction” section, 2021-present
Voiding Dysfunction Task Force, Society for Pediatric Urology, 2019-present
Moderator, Session on “Pediatric Urology: Upper & Lower Urinary Tract” at the AUA Annual Meeting, New Orleans, LA 2022
Moderator, Session on “Genes and Development in Urologic Health and Disease”, Society for Basic Urologic Research Annual Fall Symposium, November 2020, San Antonio, TX (Virtual)
Moderator, Session on “Development of the Human Urethra and Hypospadias”, Hypospadias International Society, 3rd World Congress, October 2019, Philadelphia, PA
Interviewer for Master of Science in Translational Research Program, University of Pennsylvania Institute for Translational Medicine and Therapeutics, 2019 - present
Institutional Review Board (IRB) Committee at the Children's Hospital of Philadelphia, Member, 2019-present
American Academy of Pediatrics (AAP) Section on Urology of the, Executive Board member, 2022-present, *Membership Co-Chair*, 2017-2022
Section on Urology of the AAP, *Fellow Representative*, 2016-2017
The Hendren Project, Current Controversies in Reconstructive Pediatric Urology Webinar Series, *Director and moderator*, Jan 2017 – June 2019
The Hendren Project, *Associate Editor* for Exstrophy, 2016 – present
Pediatric Urology Coordinating Council, *Senior Fellow Representative*, 2016
Pediatric Urology Coordinating Council, *Junior Fellow Representative*, 2015
Fourth Quinquennial John F. Duckett Festschrift, *Chair of Poster Session, Moderator for Varicocele Session*, The Children's Hospital of Philadelphia, November 2016
Operative and Invasive/Non-invasive Procedure Committee, The Children's Hospital of Philadelphia, *Member*, 2016-2017

HONORS and AWARDS

Urology Care Foundation Early Career Investigators Showcase, Finalist Podium Presentation, at the American Urological Association Annual Meeting, New Orleans, LA, 2022
Basic Science Prize Abstract, 1st Place, SPU Pediatric Urology Fall Congress, Miami, FL, 2021
2019 Urology Care Foundation Rising Stars in Urology Research Award, 2019-2023
Basic Science Prize Abstract, 1st Place, Society of Urodynamics, Female Pelvic Medicine, and Urogenital Reconstruction (SUFU), Winter Meeting, Miami, FL, 2019
2018 Diokno-Lapides International Essay Contest, Grand Prize
Best Clinical Abstracts, Finalist, AUA/Societies for Pediatric Urology Annual Conference, 2018
SBUR Travel Award, Best Abstracts, Fall Symposium, Society of Basic Urologic Research, 2017
Basic Science Prize Abstract, 2nd Place, Pediatric Urology Fall Congress, Montreal, Canada, 2017
2017 Urology Care Foundation Outstanding Graduate Scholar Award, awarded May 12, 2017
2016 Urology Care Foundation Research Scholar Award, June 2016 – July 2017
AUA Resident Committee, American Urological Association; *Member, Consultant*, 2014-2017
New York Section Resident Committee, American Urological Association; *President*, 2013-2015
Mitchell Benson Resident Research Award, Columbia University, NY-Presbyterian Hospital, 2015

Chief Resident's Debate, Winner, New York Section Annual Chief Resident's Debate, 2015
Valentine Resident Essay Contest, Honorary Mention, Clinical Category, 2014
Valentine Resident Essay Contest, First Prize, Basic Sciences Category, 2013
SBUR Travel Award, Best Abstracts, Fall Symposium, Society of Basic Urologic Research, 2012
Best Poster, First Place, ICCS/ERIC/BAPU Joint Congress London, UK, 2012
Best Abstract, Second Place, ICCS/ERIC/BAU Joint Congress London, UK, 2012
Valentine Resident Essay Contest, First Prize, Clinical Category, 2010
John K. Lattimer Prize in Urology, Outstanding essay in urology, Columbia University, 2009
Herbert J. Bartelstone Award, Exception accomplishments in pharmacology, Columbia U, 2009
Alpha Omega Alpha, Columbia University College of Physicians and Surgeons, New York, NY
Phi Beta Kappa, Yale University, New Haven, CT
Summa Cum Laude, Yale University, New Haven, CT
Distinction in Major, Molecular Biophysics and Biochemistry, Yale University, New Haven, CT
George C. Haas Memorial Scholarship, Yale University, New Haven, CT
Ezra Stiles College John E. Link III Prize, Yale University, New Haven, CT- Awarded to the graduating senior in Ezra Stiles College who best stimulates the college intellectually.
Eagle Scout, Boy Scouts of America, Troup 24 Dobbs Ferry, NY

RESEARCH

The Children's Hospital of Philadelphia, Philadelphia, PA

July 2016 – present

Researcher, PI – Dr. Stephen Zderic, Collaborator: Rita Valentino

Received a Urology Care Foundation Research Scholar Award to conduct basic science research in Dr. Zderic's laboratory focusing on using transgenic mice models and optogenetics to active Barrington's nucleus (ie, the pontine micturition center) to reverse and recapitulate the social stress induced voiding phenotype. Techniques include stereotactic and neurosurgical placement of probes in the mouse brain, optogenetics, genotyping, fresh frozen sectioning, rodent microsurgery, setting up behavioral social stress experiments, and performing rodent cystometric studies. Current projects include medical device innovation in the urologic space and translational projects on voiding function/dysfunction.

Columbia University College of Physicians and Surgeons, New York, NY

July 2012 – June 2013

Researcher, PI – Dr. Cathy Mendelsohn

Performed a research for a year during urology residency training in the laboratory of Dr. Mendelsohn. Research included projects on urethral development, progenitor cells in urothelial development and bladder cancer, and regeneration of the bladder in a mice model using silk scaffold. Techniques learned include tissue sectioning, immunohistochemistry staining, and rodent microsurgery.

Columbia University College of Physicians and Surgeons, New York, NY

May 2006 – August 2006

Researcher, PI – Dr. Henry Spotnitz

NIH Summer Research Fellowship with Dr. Henry Spotnitz in the Department of Surgery between first and second year of medical school. Research included studying direction of shunting through ventricular septal defects in children with Tetralogy of Fallot.

Yale University School of Medicine, New Haven, CT

September 2002 – August 2005; **Researcher, PI – Dr. Sandra Wolin**

Conducted research in the laboratory of Dr. Sandra Wolin. Projects included use of PCR, southern blotting, western blotting, and affinity purification to tag Ro-sixty-related (Rsr) protein in *Deinococcus radiodurans*. Wrote research papers and gave seminars to lab members for college course credit.

Columbia University College of Physicians and Surgeons, New York, NY

May 2002 – August 2002; **Researcher, PI – Dr. Steven Greenberg**

Conducted research in the laboratory of Dr. Steven Greenberg. Worked on own project using biochemistry technique of sub-cloning to tag the gene for CD11b with green fluorescence protein.

**EDITORIAL AND
PEER-REVIEW
SERVICES**

Assistant Editor, Dialogues in Pediatric Urology, An official publication of the Society for Pediatric Urology, 2022-present
Abstract Reviewer, CAIRIBU (Collaborating for the Advancement of Interdisciplinary Research in Benign Urology) Annual Meeting 2022
Ad hoc reviewer, NIH/NIDDK peer review committee, 2022/KUFD Study Section
Associate Editor, Frontiers in Urology – Pediatric, Adolescent and Developmental Urology, 2021-present
Member Peer Review Panel, AUA and Urology Care Foundation Summer Medical Student Fellowship Award, 2020 – present
Grant Reviewer, March of Dimes, 2019
Co-editor, AAP Section on Urology Biannual Newsletter, Spring 2018 – 2022
Guest Editor, Dialogues in Pediatric Urology, An official publication of the Society for Pediatric Urology, 2017
Reviewer, Nature Scientific Reports
Reviewer, Journal of Urology
Reviewer, Journal of Pediatric Urology
Reviewer, Journal of Pediatric Surgery
Reviewer, European Journal of Pediatrics
Reviewer, Therapeutic Advances in Urology
Reviewer, Andrology
Reviewer, Journal of Bioequivalence and Bioavailability
Reviewer, Pediatrics and Therapeutics: Current Research

**CHAPTERS, and
EDITORIALS**

Van Batavia: “Chapter 5: How treatment of lower urinary tract symptoms can benefit from basic research” in Versteegen H (Ed) Neuro-Urology Research, Elsevier publishing, in press

Zderic, SA, **Van Batavia, J**, Fedorovsky, R: “The NIH SBIR/SSTR Grant Program – Seed Money for Startups Working in Innovative Spaces” in Siddiqui, MM, Atala, A, Eltorai, AM, Arab, A (eds) Translational Urology: Handbook for Designing and Conducting Clinical and Translational Research. Elsevier, 2021 in press

Zderic, SA, **Van Batavia J**: “Making the EMR Meet Clinical Research Needs in Parallel With Clinical Care” in Siddiqui, MM, Atala, A, Eltorai, AM, Arab, A (eds) Translational Urology: Handbook for Designing and Conducting Clinical and Translational Research. Elsevier, 2021 in press

Zderic, S.A., **Van Batavia, J.**: “New Understandings in Bladder Wall Hypertrophy and Implications for Tissue Engineering” in Operative Manual of Pediatric and Adolescent Reconstruction, MS Gundeti (ed) Jaypee Brothers Medical Publishers, 2020, 935-943

Godlewski K, and **Van Batavia JP**: “Chapter 26: Congenital Anomalies” in Hanno PM, Guzzo, TJ, Malkowicz, SB, Wein AJ (eds.): *Penn Clinical Manual of Urology, 3rd Edition*. Philadelphia: Saunders Elsevier, 2022, in press

Van Batavia JP and Kolon TF: “Chapter 10: Genitourinary abnormalities in association with the 22q11.2 deletion syndrome” in The Chromosome 22q11.2 Deletion Syndrome: A Multidisciplinary Approach to Diagnosis and Treatment, 1st Edition Donna McDonald-McGinn (Ed). Elsevier, Academic Press; pre-published March 15, 2022

Finklestein JB, **Van Batavia JP**: “Chapter 3: Prenatal management of ureteroceles”. Ureteroceles Contemporary Diagnosis and Management Michael Leonard & Luis Guerra (eds.). Elsevier, Page: 31-40, 2020.

Ahn JL and **Van Batavia JP**. “Genitourinary reconstruction.” American Academy of Pediatrics for HealthyChildren website; <https://www.healthychildren.org/English/health-issues/conditions/genitourinary-tract/Pages/Genitourinary-Reconstruction-in-Children.aspx?_gl=1*1f0g9pd*_ga*MTY4NTkxMTIyOS4xNjgyOTY4Mjgw*_ga_FD9D3XZVQQ*MTY4Mjk2ODI4MC4xLjAuMTY4Mjk2ODI4MC4wLjAuMA..&_ga=2.233735454.1066691011.1682968281-1685911229.1682968280>

Van Batavia JP, Weiss DA.: Editorial Comment. J Urol 204: 1340, Dec 2020.

Van Batavia JP and Goldenberg S. (2019) “FDA Device Regulation: 510(k), PMA” in Academic Entrepreneurship for Medical and Health Scientists. Eds. Gooneratne N and Winston F. Vol. 1 : Iss. 3; Available at: <https://repository.upenn.edu/ace/vol1/iss3/4>

Van Batavia JP and Goldenberg S. (2019) “Strategic Planning and Costs of FDA Regulation” in Academic Entrepreneurship for Medical and Health Scientists. Eds. Gooneratne N and Winston F. Vol. 1 : Iss. 2; Available at: <https://repository.upenn.edu/ace/vol1/iss2/8>

Van Batavia JP and Glassberg KI. “Varicocele” in Pediatric Surgery. Ed. Prem Puri. Springer 2023

Van Batavia JP, Bowen DK, and Canning DA: “Chapter 84: Disorders of the Collecting System, Kidney, Bladder, and Urethra” in Nelson Pediatrics Board Review Dean Jr T, Bell L (eds.). Philadelphia: Elsevier, Page: 634-642, 2019

Bowen DK, **Van Batavia JP** and Canning DA: “Chapter 85: Disorders of the Male Genital System” in Nelson Pediatrics Board Review Dean Jr T, Bell L (eds.). Philadelphia: Elsevier, Page: 643-648, 2019

Van Batavia JP: RE: Nonneuropathic neuropathic bladder-is it really nonneuropathic? Practice Update 2019 Notes: Epub: In press.

Van Batavia JP and Kolon TF: “Cryptorchidism” in Pediatric Urology for Primary Care, Greenfield SP, Cooper CS (eds.). Media, PA: American Association of Pediatrics, Page: 71-86, 2019

Van Batavia JP and Shukla AR: “Inguinal and Scrotal Problems” in Pediatric Urology for Primary Care, Greenfield SP, Cooper CS (eds.). Media, PA: American Academy of Pediatrics, Page: 87-116, 2019

Ahn JL and **Van Batavia JP**: “Genitourinary reconstruction” for AAP website [healthychildren.org](https://www.healthychildren.org)

Van Batavia JP: Re: Solifenacin for the pediatric overactive bladder. Journal of Urology 198(4): 936, Oct. 2017

Van Batavia JP and Finkelstein JB: “Research in Residency: Why diversity is okay” in AUA News, Official Newsmagazine of the American Urological Association, September 2016

Van Batavia JP, Misseri R, Combs AJ, and Glassberg KI. “Congenital Anomalies of the Urethra” in Congenital Anomalies of the Kidney and Urinary Tract Ed. H. Gil Rushton; Switzerland: Springer International Publishing

Van Batavia JP, Canning DA, and Zaontz MR. “Chapter 18: Genitalia: Hypospadias Repair” in Handbook of Consent in Pediatric Urology Ed. Prasad Godbole, Duncan Wilcox, and Martin Koyle. New York: Springer International Publishing

Van Batavia, JP. Editorial Comment Re: Long-term safety and efficacy of solifenacin in children and adolescents with overactive bladder.” J Urol 2017; 198(4): 936.

PUBLICATIONS

Van Batavia JP, Pohl HG, Farhat WA, Chang G, BaniHani A, Collett-Gardere T, and Franco I. Is it time to reconsider how we document pediatric uroflow studies? A study from the SPU Voiding Dysfunction Task Force. [accepted by Journal of Pediatric Urology]

Nomakuchi TT, Danowitz M, Stewart B, Leonard J, Izumi K, Krantz I, Kolon TF, Langdon D, Skraban C, **Van Batavia J**, Zackai E, Jiao K, Linn R, Alexander C, Zaontz M, Vogiatzi MG, Pyle LC. Expanding the reproductive organ phenotype of CHD7-spectrum disorder. *Am J Med Genet A* 2023; 191(5): 1418-1424. PMID: 36794641

Fischer KM, **Van Batavia J**, Hyacinthe N, Weiss DA, Tan C, Zderic SA, Mittal S, Shukla AR, Kolon TF, Srinivasan AK, Canning DA, Zaontz MR, and Long CJ. Caudal anesthesia is not associated with post-operative complications following distal hypospadias repair. *J Pediatr Urol* 2023 [Online ahead of print] PMID: 37002025

Óskarsdóttir S, Boot E, Crowley TB, Loo JCY, Arganbright JM, Armando M, Baylis AL, Breetvelt EJ, Castelein RM, Chadehumbe M, Cielo CM, de Reuver S, Eliez S, Fiksinski AM, Forbes BJ, Gallagher E, Hopkins SE, Jackson OA, Levitz-Katz L, Klingberg G, Lambert MP, Marino B, Mascarenhas MR, Moldenhauer J, Moss EM, Nowakowska BA, Orchanian-Cheff A, Putotto C, Repetto GM, Schindewolf E, Schneider M, Solot CB, Sullivan KE, Swillen A, Unolt M, **Van Batavia JP**, Vingerhoets C, Vorstman J, Bassett AS, and McDonald-McGinn DM. Updated clinical practice recommendations for managing children with 22q11.2 deletion syndrome. *Genet Med* 2023; 25(3): 100338. PMID: 36729053

Boot E, Óskarsdóttir S, Loo JCY, Crowley TB, Orchanian-Cheff A, Andrade DM, Arganbright JM, Castelein RM, Cserti-Gazdewich C, de Reuver S, Fiksinski AM, Klingberg G, Lang AE, Mascarenhas MR, Moss EM, Nowakowska BA, Oechslin E, Palmer L, Repetto GM, Reyes NGD, Schneider M, Silversides C, Sullivan KE, Swillen A, van Amelsvoort TAMJ, **Van Batavia JP**, Vingerhoets C, McDonald-McGinn DM, and Bassett AS. Updated clinical practice recommendations for managing adults with 22q11.2 deletion syndrome. *Genet Med* 2023; 25(3): 100344. PMID: 36729052

Hwang M, Back SJ, **Van Batavia J**, Tierradentro-Garcia LO, Darge K, and Zderic SA. Ultrasound-Estimated Bladder Weight Correlates With Videourodynamic Studies in Neurogenic Bladder Dysfunction. *J Ultrasound Med* 2023; 42(1): 17-26. PMID: 35460290

Weaver JK, Martin-Olenski M, Logan J, Broms R, Antony M, **Van Batavia J**, Weiss DA, Long CJ, Smith AL, Zderic SA, Huang J, Fan Y, and Tasian GE. Deep Learning of Videourodynamics to Classify Bladder Dysfunction Severity in Patients With Spina Bifida. *J Urol* 2023; 209(5): 995-1003. PMID: 36787376

Mittal S, Weaver J, Aghababian A, Edwins R, Godlewski K, Fischer K, Siu S, Gruccio D, **Van Batavia J**, Srinivasan A, Long C, Bamba V, Batra V, Bhatti T, and Kolon T. Deferring gonadectomy in patients with turner syndrome with a genetic Y component is not a safe practice. *J Pediatr Urol* 2023; [Online ahead of print]; PMID: 36740540

Ko JS, Corbett C, Fischer KM, Berry A, Weiss DA, Long CJ, Zderic SA, and **Van Batavia JP**. Impact of race, gender, and socioeconomic status on symptom severity at time of urologic referral. *J Racial Ethn Health Disparities* 2022 [Online ahead of print]; PMID: 35960437

Mittal S, Eftekhazadeh S, Aghababian A, Weaver J, Fischer K, Long CJ, Weiss DA, **Van Batavia J**, Srinivasan AK, and Shukla AR. Incidence and resolution of de novo hydronephrosis after pediatric robot-assisted laparoscopic extravesical ureteral reimplantation for primary vesicoureteral reflux. *J Pediatr Urol* 2022; 18(4): 517.e1-517.e5. PMID: 35654725

Mittal S, Eftekhazadeh S, Aghababian A, Shah J, Fischer K, Weaver J, Tan C, Plachter N, Long C, Weiss D, Zaontz M, Kolon T, Zderic S, Canning D, **Van Batavia J**, Shukla A, and Srinivasan A. Trends in opioid and nonsteroidal anti-inflammatory (NSAID) usage in children undergoing common

urinary tract reconstruction: A large, single-institutional analysis. *J Pediatr Urol* 2022; 18(4): 501.e1-501.e7. PMID: 35803865

Aghababian A, Mittal S, Eftekhazadeh S, Godlewski K, Fischer K, Long C, Weiss D, **Van Batavia J**, Zaontz M, Zderic S, Kolon T, Canning D, Shukla A, and Srinivasan A. Office based pediatric urologic procedures: A safe and effective alternative to interventions under anesthesia. *Urology* 2022; 166: 223-226.

Mittal S, Eftekhazadeh S, Christianson SS, Hyacinthe N, Tan C, Weiss DA, **Van Batavia J**, Zderic SA, Shukla AR, Kolon TF, Srinivasan AK, Canning DA, Zaontz MR, Long CJ: Quantifying glans width changes in response to preoperative androgen stimulation in patients undergoing hypospadias repair. *J Urol* 2022; 207(6): 1314-1321.

Garcia DuBar S, Cosio D, Korthas H, **Van Batavia JP**, Zderic SA, Sahibzada N, Valentino RJ, and Vicini S. Somatostatin neurons in the mouse pontine nucleus activate GABA-A receptor mediated synaptic currents in locus coeruleus neurons. *Front Synaptic Neurosci* 2021; 13:754786. PMID: 34675794

Viteri B, Calle-Toro JS, Ballester L, Darge K, Furth S, Khrichenko D, **Van Batavia J**, and Otero H. Potential benefits of functional magnetic resonance urography (fMRU) over MAG3 renal scan in children with obstructive uropathy. *J Pediatr Urol* 2021 [online ahead of print] PMID: 34426090

Van Batavia JP, Butler S, Lewis E, Fesi J, Canning DA, Vicini S, Valentino RJ, and Zderic SA. Corticotropin-releasing hormone from the pontine micturition center plays an inhibitory role in micturition. *J Neurosci* 2021; 41(34): 7314-7325. PMID: 34193553

Gan Z, Lee SY, Weiss DA, **Van Batavia J**, Siu S, Frazier J, Zderic SA, Shukla AR, Srinivasan AK, Kolon TF, Zaontz MR, Canning DA, and Long CJ. Single institute experience with telemedicine for pediatric urology outpatient visits: Adapting to COVID-19 restrictions, patient satisfaction, and future utilization. *J Pediatr Urol* 2021; 17(4):480.e1-480.e7. PMID: 34078574

Long CJ, **Van Batavia J**, Wisniewski AB, Aston CE, Baskin L, Cheng EY, Lakshmana Y, Meyer T, Kropp B, Palmer B, Nokoff NJ, Paradis A, VanderBrink B, Scott Reyes KJ, Yerkes E, Poppas DP, Mullins LL, Kolon TF. Post-operative complications following masculinizing genitoplasty in moderate to severe genital atypia: results from a multicenter, observational prospective cohort study. *J Pediatr Urol* 2021; 17(3): 379-386. PMID: 33726971

Van Batavia JP, Lawton E, Frazier JR, Zderic SA, Zaontz MR, Shukla AR, Srinivasan AK, Weiss DA, Long CJ, Canning DA, and Kolon TF. Total Motile Sperm Count in Adolescent Boys with Varicocele is Associated with Hormone Levels and Total Testicular Volume. *J Urol* 2021; 205(3): 888-894.

Bowen DK, Back SJ, **Van Batavia JP**, Darge K, Long CJ, and Weiss DA. Does contrast-enhanced ultrasound have a role in evaluation and management of pediatric renal trauma? A preliminary experience. *J Pediatr Surg* 2020; 55: 2740-2745

Lucas J, Hightower T, Weiss DA, **Van Batavia J**, Coelho S, Srinivasan AK, Shukla AR, Zderic SA, Kolon TF, Zaontz MR, Canning DA, Long CJ.: Time to Complication Detection after Primary Pediatric Hypospadias Repair: A Large, Single Center, Retrospective Cohort Analysis. *J Urol* 2020; 204: 338-344

Kawal T, Sahadev R, Srinivasan A, Chu D, Weiss D, Long C, **Van Batavia J**, Bodar Y, Shah J, Shukla AR.: Robotic surgery in infants and children: an argument for smaller and fewer incisions. *World J Urol* 2019; 38: 1835-1840.

Tykocki NR, Heppner TJ, Erikson CS, **Van Batavia JP**, Vizzard MA, Nelson MT, Mingin GC: Development of stress-induced bladder insufficiency requires functional TRPV1 channels. *AJP Renal Phys* 2018; 315(6): F1583-F1591

Van Batavia JP, Weiss DA, Long CJ, Madison J, McCarthy G, Plachter N, and Zderic SA: Using structured data entry systems in the electronic medical record to collect clinical data for quality and research: Can we efficiently serve multiple needs for complex patients with spina bifida? *J Pediatr Rehab Med* 2018; 11(4): 303-309.

Van Batavia JP, Shukla AR, Joshi RS, and Reddy PP. Pediatric urology and global health: Why now and how to build a successful global outreach program. *Urology Clinics of North America* 2018; 45(4): 623-631

Sheth KR, **Van Batavia JP**, Bowen D, Koh CJ, and Srinivasan AK. Minimally invasive surgery in pediatric urology: Adaptations and new frontiers. *Urology Clinics of North America* 2018; 45(4): 611-621

Kawal T, Srinivasan AK, Talwar R, Chu DI, Long C, Weiss D, **Van Batavia J**, Kolon TF, Shukla AR: Ipsilateral ureteroureterostomy: Does function of the obstructed moiety matter? *J Pediatr Urol* 2019; 15(1): 50.e1-50.e6.

Van Batavia JP, Crowley TB, Burros E, Zackai EH, Sanna-Cherchi S, McDonald-McGinn DM, and Kolon TF. Anomalies of the genitourinary tract in children with 22q11.2 deletion syndrome. *AJMG A* 2019; 179(3): 381-385.

Hwang M, Back SJ, **Van Batavia JP**, Darge K, and Zderic SA. Ultrasound estimated bladder weight correlates with videourodynamic studies in neurogenic bladder dysfunction. [submitted to *J Urol*, in revision stage]

Kawal T, Srinivasan AK, Shrivastava D, **Van Batavia J**, Weiss D, Long C, and Shukla AR. Pediatric robotic-assisted laparoscopic pyeloplasty: Does age matter? *J Pediatr Urol* 2018; 14(6): 540.e1-540.e6

Chu DI, Shrivastava D, **Van Batavia JP**, Bowen DK, Tong CC, Long CJ, Weiss DA, Shukla AR, and Srinivasan AK. Outcomes of externalized pyeloureteral versus internal ureteral stent in pediatric robotic-assisted laparoscopy pyeloplasty. *J Pediatr Urol* 2018; 14(5): 450.e1-450.e6

Van Batavia JP, Tong C, Chu DI, Kawal T, and Srinivasan AK. Laparoscopic inguinal hernia repair by modified peritoneal leaflet closure: Description and initial results in children. *J Pediatr Urol* 2018; 14(3): 272.e1-272.e6.

Sack BS, Yerkes EB, and **Van Batavia JP**: Uncharted territory: navigating the pediatric urology job market. *J Pediatr Urol* 2018; 15(2): 180-184, doi: 10.1016/j.jpuro.2018.12.005

Van Batavia JP, and Combs AJ. The role of non-invasive testing in evaluation and diagnosis of pediatric lower urinary tract dysfunction. *Current Urology Reports* 2018; 19(5): 34.

Bowen DK, **Van Batavia JP**, and Srinivasan AK. Single-site laparoscopy and robotic surgery in pediatric urology. *Current Urology Reports* 2018; 19(6): 42. PMID: 29667065

Chu DI, Gupta K, Kawal T, **Van Batavia JP**, Bowen DK, Zaontz MR, Kolon TF, Weiss DA, Zderic SA, and Canning DA. Tunica vaginalis flap for salvaging testicular torsion: A matched cohort analysis. *J Pediatr Urol* 2018; 14(4): 329.e1-329.e7.

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ABSTRACTS and PRESENTATIONS

Godlewski K, Mittal S, Arenas J, Hyacinthe N, Ai E, Gaines T, Fischer K, **Van Batavia J**, Kolon T. Inhibin B/FSH ratio as a predictor of abnormal semen analysis in adolescent boys with palpable varicocele. Moderated poster presentation at the AUA National Conference/Society for Pediatric Urology 2023, Chicago, IL

Ostrowski D, Logan J, Antony M, Broms R, Weiss D, **Van Batavia J**, Long C, Smith A, Zderic S, Edwins R, Pominville R, Hannick J, Woo L, Gan Y, Tasian G, and Weaver J. Automated urinary tract dilation grading of hydronephrosis on ultrasound imaging using a convolutional neural network. Moderated poster presentation at the AUA National Conference/Society for Pediatric Urology 2023, Chicago, IL

Antony M, Weaver J, Martin-Olenski M, Logan J, Broms R, Ostrowski D, **Van Batavia J**, Weiss D, Long C, Smith A, Huang J, Zderic S, Fan Y, and Tasian G. Inter- and intra-rater variability of videourodynamic study interpretation among urologic surgeons for patients with spina bifida. Podium presentation at the AUA National Conference/Society for Pediatric Urology 2023, Chicago, IL

Godlewski K, Mittal S, Hyacinthe N, Arenas J, Gaines T, Fischer K, **Van Batavia J**, Weiss D, Srinivasan A, Shukla A, Zderic S, Zaontz M, Kolon T, and Long C. Does testosterone administration prior to distal hypospadias repair with urethroplasty decrease postoperative complications? Podium presentation at the AUA National Conference/Society for Pediatric Urology 2023, Chicago, IL

Fischer K, Samet E, Michel K, Messina A, Berry A, Zderic S, and **Van Batavia JP [presenter]**: A simple prediction model for when to obtain renal/bladder ultrasound in children with non-neurogenic lower urinary tract dysfunction. Podium presentation at the 33rd Congress of the European Society for Pediatric Urology (ESPU) 2023, Lisbon, Portugal

Fischer K, Godlewski K, Samet E, Berry A, Messina A, Ko J, Zderic S, and **Van Batavia JP [presenter]**: Go with the flow? Validity of office based uroflowmetry studies. Podium presentation at the 33rd Congress of the European Society for Pediatric Urology (ESPU) 2023, Lisbon, Portugal

Zderic S, Hamdan D, Eisch A, Yun S, **Van Batavia J**, and Ko J. Early life cystitis as a risk factor for lower urinary tract symptoms in the older child. Podium presentation at the Society of Urodynamics, Female Pelvic Medicine, and Urogenital Reconstruction 2023 Winter Meeting, Nashville, TN

Zderic S, Butler S, Fesi J, **Van Batavia J**, Eisch A, and Yun S. Early Life cystitis and lower urinary tract symptoms in young adult females: A murine model. Poster presentation at Society of Urodynamics, Female Pelvic Medicine, and Urogenital Reconstruction 2023 Winter Meeting, Nashville, TN

Weaver J, Martin-Olenski M, Logan J, Brons R, Antony M, **Van Batavia J**, Weiss D, Long C, Smith A, Huang J, fan Y, and Tasian G. Application of deep learning to videourodynamics to risk stratify bladder dysfunction in spina bifida patients. SUFU Clinical Essay winner; Non-moderated poster at the Society of Urodynamics, Female Pelvic Medicine, and Urogenital Reconstruction 2023 Winter Meeting, Nashville, TN

Van Batavia J, Fischer K, Berry A, Messina A, and Zderic S. The COVID effect: widened racial disparities in bladder-bowel dysfunction symptoms severity. Non-moderated poster at the Society of Urodynamics, Female Pelvic Medicine, and Urogenital Reconstruction 2023 Winter Meeting, Nashville, TN

Van Batavia J, Fischer K, Berry A, and Zderic S. Who needs an ultrasound? Using patient symptom questionnaire and UTI history to better inform the decision to obtain RBUS in children with non-neurogenic LUT dysfunction. Moderated poster at the Society of Urodynamics, Female Pelvic Medicine, and Urogenital Reconstruction 2023 Winter Meeting, Nashville, TN

Van Batavia J, Fischer K, Berry A, Long C, Weiss D, Kerr J, and Zderic S. Can videourodynamics shape management in refractory pediatric lower urinary tract dysfunction? Moderated poster at the Society of Urodynamics, Female Pelvic Medicine, and Urogenital Reconstruction 2023 Winter Meeting, Nashville, TN

Van Batavia JP. Central nervous system control of micturition: Shedding light on the role of the pontine micturition center in volitional voiding. American Association of Pediatric Urologist Annual Meeting 2023, St. Kitts and Nevis

Fischer K, Berry A, Messina A, Samet E, Zderic S, and **Van Batavia J**. Who needs an ultrasound? Using patient symptom questionnaire and UTI history to better inform the decision to obtain RBUS in children with non-neurogenic lower urinary tract dysfunction. Podium presentation at the Society for Pediatric Urology Fall Congress 2022, Las Vegas, NV

Weaver J, Martin-olenski M, Logan J, Brons R, Antony M, **Van Batavia J**, Weiss D, Long C, Smith A, Zderic S, Fan Y, and Tasian G. Deep learning of videourodynamics to classify bladder dysfunction severity. Podium presentation at the Society for Pediatric Urology Fall Congress 2022, Las Vegas, NV

Uppaluri C, Fisher K, Tan C, Lavelle J, Kaplan S, Mittal S, **Van Batavia J**, Long C, Weiss D, Tasian G, Srinivasan A, Shukla A, Zaontz M, Zderic S, and Kolon T. The effect of transfer on surgical outcomes for pediatric patients with testicular torsion. Moderated poster at the Society for Pediatric Urology Fall Congress 2022, Las Vegas, NV

Fischer K, Uppaluri C, Tan C, Mittal S, Long C, Weiss D, Tasian G, Shukla A, Srinivasan A, Zaontz M, Zderic S, Kaplan S, Lavelle J, **Van Batavia J**, and Kolon T. Factors associated with testicular salvage in boys with testicular torsion. Moderated poster at the Society for Pediatric Urology Fall Congress 2022, Las Vegas, NV

Mittal S, Aghababian A, Dinardo L, Weiss D, Long C, Zderic S, **Van Batavia J**, and Canning D. Initial Results from a feasibility study on a novel approach to bladder cycling prior to transplant: Can we avoid bladder augmentation? Display poster at the Society for Pediatric Urology Fall Congress 2022, Las Vegas, NV

Fischer K, Weaver J, Michel K, Messina A, Berry A, Zderic S, and **Van Batavia JP**. The COVID Effect: Widened racial disparities in bladder-bowel dysfunction symptom severity. Podium presentation at the International Children's Continence Society Congress 2022, Taiwan

Zderic S, Fischer K, Berry A, Long C, Weiss D, Kerr J, and **Van Batavia JP [presenter]**. Can videourodynamics shape management in refractory pediatric lower urinary tract dysfunction? Podium presentation at the International Children's Continence Society Congress 2022, Taiwan

Fischer K, Samet E, Michel K, Berry A, Zderic S, and **Van Batavia JP [presenter]**. Go with the flow? Validity of office based uroflowmetry studies. Podium presentation at the International Children's Continence Society Congress 2022, Taiwan

Fischer K, Samet E, Michel K, Berry A, Zderic S, and **Van Batavia JP [presenter]**. The role of socioeconomic factors in voiding/elimination/intake diary adherence in pediatric lower urinary tract dysfunction evaluation. Podium presentation at the International Children's Continence Society Congress 2022, Taiwan

Nadeem I, Samet E, Fischer K, Michel K, Berry A, Messina A, Zderic S, and **Van Batavia JP [presenter]**. It takes a village: Specialists referrals in pediatric patients with lower urinary tract dysfunction. Podium presentation at the International Children's Continence Society Congress 2022, Taiwan

Butler S, Yun S, Fesi J, Eisch A, Zderic S, and **Van Batavia JP [presenter]**. A Model of Lower Urinary Tract Dysfunction in Female Mice: Utilizing a Novel Chronic Social Defeat Stress Paradigm to Alter Voiding Phenotype. Podium presentation at Societies for Pediatric Urology Fall Congress 2021, Miami, FL

Van Batavia JP, Butler S, Fesi J, Vicini S, Canning D, Valentino R, and Zderic S. Back to normal: Optogenetic photoactivation of CRH neurons in the PMC reverses the abnormal voiding phenotype of cyclophosphamide-induced cystitis. Podium presentation at Societies for Pediatric Urology Fall Congress 2021, Miami, FL [**Winner Best Basic Science Abstract Prize**]

Zderic S, Henderson B, Chen YH, **Van Batavia J [presenter]**, and Roberts T. Diminishing Alpha Power in the Insular Cortex Correlates With the Symptom Score in Patients with Voiding Dysfunction. Podium presentation at Societies for Pediatric Urology Fall Congress 2021, Miami, FL

Butler S, **Van Batavia J [presenter]**, Fesi J, and Zderic S. Neonatal Cyclophosphamide Exposure Produces Voiding Dysfunction Lasting Into Adulthood. Modified poster presentation at Societies for Pediatric Urology Fall Congress 2021, Miami, FL

Van Batavia J, Pohl H, Farhat W, Chiang G, Hani Bani H, Collett-Gardere T, and Franco I. A Rationale to Change How We Document Pediatric Uroflow Studies: A Study from the SPU Voiding Dysfunction Task Force. Podium presentation at Societies for Pediatric Urology Fall Congress 2021, Miami, FL

Samet E, Berry A, Zderic S, and **Van Batavia JP**. The Role of Socioeconomic Factors in Voiding/Elimination/Intake Diary Adherence in Pediatric Lower Urinary Tract Dysfunction Evaluation. Poster at Societies for Pediatric Urology Fall Congress 2021, Miami, FL

Aghababian A, Eftekhazadeh S, Mittal S, Weaver J, Dinardo L, Long C, Weiss D, Zaontz M, Kolon T, Zderic S, **Van Batavia J**, Canning D, Srinivasan A, Shukla A. Comparison of Open and Robot-Assisted Repair for Ureteropelvic Junction Obstruction: Outcomes and Direct Costs from a Single-Institution. Podium presentation at Societies for Pediatric Urology Fall Congress 2021, Miami, FL

Long CJ, Nyacinthe N, Plachter N, Weiss DA, Shukla AR, Srinivasan AK, Zderic SA, **Van Batavia J**, Mittal S, Kolong TF, Zaontz MR, and Canning DA. Standardization of Hypospadias Documentation at a Single Institution: Successful Implementation using a Nudge Intervention. Poster at Societies for Pediatric Urology Fall Congress 2021, Miami, FL

Weaver J, **Van Batavia J**, Weiss D, Long C, Smith A, Zderi S, Martin-Olenski M, Fermin A, and Tasian G. Interrater Reliability in Evaluating Neurogenic Bladders on Videourodynamics. Poster at Societies for Pediatric Urology Fall Congress 2021, Miami, FL

Eftekhazade S, Hamdan D, Long C, **Van Batavia J**, Zderic S and Weiss D. Continence Outcomes in Children with Isolated Primary Tethered Cord Release. Podium presentation at Societies for Pediatric Urology Fall Congress 2021, Miami, FL

Aghababian A, Eftekhazadeh S, Mittal S, Hamdan D, Weaver J, Weiss D, Long C, **Van Batavia J**, Zaontz M, Zderic S, Kolon T, Canning D, Shukla A, and Srinivasan A. Office Based Urologic Interventions: A Safe and Effective Alternative to Outpatient Surgical Procedures Under Anesthesia. Podium presentation at Societies for Pediatric Urology Fall Congress 2021, Miami, FL

Samet E, Berry A, Ko J, Zderic S, and **Van Batavia J**. Go with the flow? Validity of office based uroflowmetry studies. Virtual Abstract at Society for Pediatric Urology Live, June 27, 2020 (virtual)

Samet E, Berry A, Ko J, Zderic S, and **Van Batavia J**. Mind-Bladder connection: Psychiatric comorbidities in patients with LUTS. Virtual Abstract at Society for Pediatric Urology Live, June 27, 2020 (virtual)

Mittal S, Weaver J, Siu S, Gruccio D, **Van Batavia JP**, Srinivasan A, Long C, Bamba V, and Kolon T. Deferring gonadectomy in patients with Turner Syndrome with a genetic Y component is not a safe practice. Virtual Abstract at Society for Pediatric Urology Live, June 27, 2020 (virtual)

Van Batavia JP, Butler S, Fesi J, Vicini S, and Zderic SA. Long-term optogenetic stimulation of CRH specific neurons in Barrington's nucleus as a model of bladder hypertrophy. Poster at Neuroscience 2019, Chicago, IL; conference of the Society of Neuroscience

Van Batavia JP, Butler S, Fesi J, Vicini S, and Zderic SA. Long-term optogenetic stimulation of corticotropin-releasing hormone-specific neurons in Barrington's nucleus as a possible model of bladder hypertrophy. **Best basic science prize finalist**. Podium Presentation at Pediatric Urology Fall Congress 2019, Scottsdale, AZ

Ko JS, Corbett C, Berry A, Weiss DA, Long CJ, Zderic SA, and **Van Batavia JP**. Impact of race, gender, and socioeconomic status on the severity of lower urinary tract symptoms at time of presentation to a pediatric urologist. Modified poster presentation at Pediatric Urology Fall Congress 2019, Scottsdale, AZ

Mittal S, Fischer K, Canning DA, and **Van Batavia JP**. Application of Cecil-Culp Repair in the treatment of penile amputation during neonatal circumcision. Podium Presentation at Pediatric Urology Fall Congress 2019, Scottsdale, AZ

Ko J, Corbett C, Berry A, Weiss D, Zderic S, and **Van Batavia JP**. Racial and gender disparities in symptom severity of children with dysfunctional elimination at time of referral to pediatric urologist. Podium presentation at AUA National Conference/Society for Pediatric Urology 2019, Chicago, IL

Lucas J, Hightower T, Weiss DA, **Van Batavia J**, Srinivasan A, Shukla A, Zderic S, Kolon T, Zaontz M, Canning D, and Long C. Duration of follow up is an important factor in complication detection after pediatric hypospadias repair. Podium presentation at AUA National Conference/Society for Pediatric Urology 2019, Chicago, IL

Ko J, **Van Batavia JP**, siu S, Frazier J, Zderic S, Zaontz M, Shukla A, Srinivasan A, Weiss D, Long C, Canning D, and Kolon T. Adolescents with severe oligoasthenospermia can benefit from varicocelectomy. Podium presentation at AUA National Conference/Society for Pediatric Urology 2019, Chicago, IL

Van Batavia JP, Butler S, Fesi J, Vicini S, and Zderic SA. Optogenetic inhibition of CRH neurons in Barrington's nucleus facilitates micturition. Poster at Neuroscience 2018, San Diego, CA; conference of the Society of Neuroscience

Van Batavia JP, Zaontz MR, Seranio N, Srinivasan A, Shukla A, Weiss D, Kolon TF, Canning DA, and Long CJ. Caudal anesthesia is not associated with post-operative complications following distal hypospadias repair. Podium Presentation at Pediatric Urology Fall Congress 2018, Atlanta, GA

Van Batavia JP, Butler S, Fesi J, Vicini S, and Zderic SA. Optogenetic inhibition of neurons expressing corticotropin-releasing hormone in Barrington's nucleus facilitates micturition. **Best basic science prize finalist**. Podium Presentation at Pediatric Urology Fall Congress 2018, Atlanta, GA

Van Batavia JP, Lawton E, Frazier J, Zderic S, Zaontz M, Shukla A, Srinivasan A, Weiss D, Long C, Canning D, and Kolon T. Total motile sperm count in adolescent boys with varicocele is associated with hormone levels and total testicular volume. **Best clinical abstract finalists**. Podium presentation at AUA National Conference/Society for Pediatric Urology 2018, San Francisco, CA.

Van Batavia JP, Weiss D, Long C, Madison J, McCarthy G, Plachter N, and Zderic S. Using structured data entry systems in the electronic medical record to collect clinical data for quality and research: Can we efficiently serve multiple needs for complex patients. Podium presentation at AUA National Conference/Society for Pediatric Urology 2018, San Francisco, CA.

Bowen DK, Back SJ, **Van Batavia JP**, Long CJ, Maya C, Darge K, and Weiss DA. Contrast enhanced ultrasound (CEUS) of the pediatric kidney: preliminary experience and role in patient care. Podium presentation at AUA National Conference/Society for Pediatric Urology 2018, San Francisco, CA.

Van Batavia JP, Kawal T, Chu D, Bowen D, Long C, Weiss D, Shukla A, and Srinivasan A. Are all pediatric percutaneous nephrolithotomy patients created equally?: Outcomes in pediatric patients with spina bifida and/or non-ambulatory status. Unmoderated poster at AUA National Conference/Society for Pediatric Urology 2018, San Francisco, CA.

Van Batavia JP, Yerkes E, and Sack B. Taking the plunge: When do residents decide to pursue a fellowship in pediatric urology and why? Unmoderated poster at AUA National Conference/Society for Pediatric Urology 2018, San Francisco, CA.

Combs A, **Van Batavia JP**, and Glassberg KI. Vesicoureteral reflux in children with cerebral palsy: Incidence and association with detrusor sphincter dyssynergy. Moderated poster at AUA National Conference/Society for Pediatric Urology 2018, San Francisco, CA.

Van Batavia JP, Bulter S, Lewis E, Fesi J, Valentino RJ and Zderic SA. Optogenetic stimulation of corticotropin-releasing hormone expressing neurons in Barrington's nucleus recapitulates the social stress voiding phenotype. Poster at Society for Basic Urologic Research Fall Symposium 2017, Tampa, FL; **winner Travel Award for best abstracts**

Van Batavia JP, Bulter S, Lewis E, Fesi J, Zderic SA, and Valentino RJ. Optogenetic stimulation of CRH specific neurons in Barrington's nucleus recapitulates the social stress voiding phenotype. Poster at Neuroscience 2017, Washington DC; conference of the Society of Neuroscience

Tong CM, **Van Batavia JP**, Chu DI, and Srinivasan AK. Comparing traditional three port and single site laparoscopic inguinal hernia repair in children. Moderated poster presentation, 35th World Congress of Endourology 2017, Vancouver, Canada

Van Batavia JP, Butler S, Lewis E, Fesi J, Valentino R, and Zderic SA. Optogenetic stimulation of corticotropin-releasing hormone expressing neurons in Barrington's nucleus recapitulates the social stress voiding phenotype in mice. **Best Science Prize Abstract (2nd place)**, Podium presentation, Pediatric Urology Fall Congress 2017, Montreal, Canada

Van Batavia JP, Crowley TB, Burrows E, Zackai EH, Sanna-Cherchi S, McDonald-McGinn DM, and Kolon TF. Anomalies of the genitourinary tract in children with 22q11.2 deletion syndrome. Podium presentation, Pediatric Urology Fall Congress 2017, Montreal, Canada

Van Batavia JP, Chu DI, Bowen DK, and Zaontz MR. How to avoid scrotoplasty in boys with a concealed webbed penis: A preliminary report on the paraphimotic band technique. Moderated poster presentation, Pediatric Urology Fall Congress 2017, Montreal, Canada

Chu DI, **Van Batavia JP**, Gupta K, Kalmus A, Kawal T, Bowen DK, Weiss DA, Zderic SA, and Canning DA. Tunica vaginalis flap for salvaging testicular torsion: A matched cohort analysis. Best Clinical Prize Finalist, Podium presentation, Pediatric Urology Fall Congress 2017, Montreal, Canada

Kawal T, Srinivasan A, Chu D, **Van Batavia JP**, Long CJ, and Shukla AR. Robotic assisted laparoscopic ureteral re-implant: Can post operative urinary retention be predicted? Podium presentation, Pediatric Urology Fall Congress 2017, Montreal, Canada

Bowen D, **Van Batavia J**, and Srinivasan A. Endoscopic management of bilateral UVJ obstruction in an infant. Video abstract presentation, Pediatric Urology Fall Congress 2017, Montreal, Canada

Tong C, **Van Batavia J**, Chu DI, and Srinivasan AK. Comparing traditional three port and single site laparoscopic inguinal hernia repair in children. Unmoderated poster, Pediatric Urology Fall Congress 2017, Montreal, Canada

Long CJ, Kawal T, **Van Batavia JP**, Weiss DA, Shukla AR, and Srinivasan AK. Passive ureteral dilation with pre-ureteroscopy stenting results in decrease complication rate in pediatric stone removal. Podium presentation, Pediatric Urology Fall Congress 2017, Montreal, Canada

Sack BS, Yerkes EB, and **Van Batavia JP**. In uncharted waters: Navigating the pediatric urology job market. Podium presentation, Pediatric Urology Fall Congress 2017, Montreal, Canada

Van Batavia JP, Morrison JC, Darge K, Shukla AR, and Srinivasan AK. Ultrasound guided ureteroscopy: Safety and success. Video presentation at the Pediatric Urology Fall Congress 2016, Dallas, TX

Chu DI (presenter), **Van Batavia JP**, Shukla AR, and Srinivasan AK. Salvage minimally-invasive pyeloplasty techniques in patients with short ureter. Video presentation at the Pediatric Urology Fall Congress 2016, Dallas, TX

Combs AJ (presenter), **Van Batavia JP**, and Glassberg KI. Detrusor internal sphincter dyssynergy: an underappreciated source of neurogenic bladder dysfunction in children with cerebral palsy. Podium presentation at the Pediatric Urology Fall Congress 2016, Dallas, TX

Van Batavia JP, Tong C, Chu DI, and Srinivasan AK. Laparoscopic inguinal hernia repair by primary peritoneal flap repair: Description of technique and initial results in children. Moderated poster presentation at the Pediatric Urology Fall Congress 2016, Dallas, TX

Morrison JC (presenter), **Van Batavia JP**, Darge K, Long CJ, and Srinivasan AK. Ultrasound guided ureteroscopy in children: Safety and success. Podium presentation at the Pediatric Urology Fall Congress 2016, Dallas, TX

Chu DI (presenter), Shrivastava D, **Van Batavia JP**, Long CJ, Weiss DA, Shukla AR, and Srinivasan AK. Deciding exit strategy: A short-term comparison of externalized pyeloureteral stent versus internal ureteral stent in pediatric robotic-assisted laparoscopic pyeloplasty. Moderated poster presentation at the Pediatric Urology Fall Congress 2016, Dallas, TX

Glassberg KI (presenter), **Van Batavia JP**, and Combs AJ. Is there a characteristic uroflow patten for overactive bladder? Moderated poster presentation at the 27th Congress of the European Society of Pediatric Urology 2016, Harrogate, UK

Glassberg KI (presenter), Combs AJ, and **Van Batavia JP**. Significance of rectal contractions in primary bladder neck dysfunction. Moderated poster presentation at the 27th Congress of the European Society of Pediatric Urology 2016, Harrogate, UK

Glassberg KI (presenter), Combs AJ, and **Van Batavia JP**. How often does secondary bladder neck obstruction occur with dysfunctional voiding and idiopathic detrusor overactivity and does it respond to alpha blocker therapy? Moderated poster presentation at the 27th Congress of the European Society of Pediatric Urology 2016, Harrogate, UK

Glassberg KI (presenter), Combs AJ, and **Van Batavia JP**. Radiation exposure in children undergoing videourodynamics (VUDS): How low can you go? Moderated poster presentation at the 27th Congress of the European Society of Pediatric Urology 2016, Harrogate, UK

Van Batavia JP (presenter), Chu D, Long C, Jen M, Canning D, and Weiss D. Is it safe to place a catheter?: Genitourinary involvement and management in children with Stevens-Johnson syndrome and toxic epidermal necrolysis. Moderated poster presented at AUA National Conference/Society for Pediatric Urology 2016, San Diego, CA

Ward J, Chu D, **Van Batavia J**, Shukla A, Weiss D, Borer J, Vasquez E, Kryger J, Groth T, Mitchell M, and Canning D. Multi-institutional bladder exstrophy consortium: technical standardization of distal epispadias repair in a boy. Video presentation at AUA National Conference 2016, San Diego, CA

Van Batavia JP (presenter), Fast A, Combs AJ, and Glassberg KI. Overactive bladder in children: Associated symptoms and final diagnosis. Podium presentation at ESPU/ICCS/SPU Joint Meeting 2015, Prague, Czech Republic

Glassberg KI, **Van Batavia JP**, and Combs AJ. Can children with overactive bladder and dysfunctional voiding transition between each other? (ie, are they one disease?). Podium presentation at ESPU/ICCS/SPU Joint Meeting 2015, Prague, Czech Republic

Van Batavia JP, Combs AJ, and Glassberg KI. Incidence of tower and other uroflow patterns in short lag time proven idiopathic detrusor overactivity. Unmoderated poster at ESPU/ICCS/SPU Joint Meeting 2015, Prague, Czech Republic

Ahn JJ, **Van Batavia JP**, and Benson MC. Efficacy of rectal povidone-iodine swabs in decreasing infectious complications after transrectal prostate biopsy. Moderated poster at AUA National Conference 2015, New Orleans, LA

Finkelstein JB, Ahn JJ, **Van Batavia JP**, Silva M, Alam S, Casale P. What is the incidence of deflux calcification on ultrasound. Moderated poster at AUA National Conference 2015, New Orleans, LA

Finkelstein JB, Pak JS, Ahn JJ, **Van Batavia JP**, Silva M, Jain NG, and Alam S. The impact of ureteral complications after pediatric renal transplantation. Moderated poster at AUA National Conference 2015, New Orleans, LA

Finkelstein JB, **Van Batavia JP**, and Rosoff JS. The difference a year can make: Academic productivity of residents in 5 vs. 6 year residency programs. Moderated poster at AUA National Conference 2015, New Orleans, LA

Van Batavia JP, and Casale P (presenter). Is outpatient robotic pyeloplasty feasible in children? Podium presented at the Society of Robotic Surgery 2015 Annual Meeting, Orlando, FL

Van Batavia JP, Ahn JJ, Finkelstein JB, Velez M, Casale P, and Alam S. What's in a name?: The ambiguity of neurogenic bladder coding in the PHIS database. Unmoderated poster at SPU Fall Congress 2014, Miami Beach, FL

Silva MV (presenter), Finkelstein JB, **Van Batavia JP**, and Casale P. Is peri-operative urethral catheter drainage enough? The case for stentless pediatric robotic pyeloplasty. Moderated poster presented at SPU Fall Congress 2014, Miami Beach, FL

Van Batavia JP (presenter), Ahn J, Finkelstein J, Combs AJ, Lambert S, and Casale P. Incidence of urinary tract infections and other complications after urodynamic studies in the pediatric population. Moderated poster presented at AUA National Conference 2014, Orlando, FL

Yamany T (presenter), **Van Batavia J**, Batourina E, Dan H, Schneider K, Matos C, and Mendelsohn C. Tracing the origins of bladder cancer using fate mapping techniques. Podium presentation at AUA National Conference 2014, Orlando, FL

Van Batavia JP. Incidence of urinary tract infections and other complications after urodynamic studies in the pediatric population. Presented at Valentine Resident Essay Meeting, NY Section of the AUA, **Honorary Mention, Clinical Category**, April, 2014

Yamany T (presenter), **Van Batavia J**, Batourina E, Dan H, Matos C, Mendelsohn C. Tracing the origins of bladder cancer using fate mapping techniques. Presented at the Society of Basic Urologic Research Fall Symposium 2013, Nashville, TN

Van Batavia JP (presenter), Finkelstein JB, Tohme S, and Glassberg KI. Significance of total testicular volume as a prognostic factor in the adolescent varicocele. Presented at SPU Fall Congress 2013, Las Vegas, NV

Van Batavia JP (presenter), Combs AJ, and Glassberg KI. Tower uroflow pattern: How often is it seen in children with detrusor overactivity? Presented at SPU Fall Congress 2013, Las Vegas, NV

Van Batavia JP, Fast AM, Combs AJ, and Glassberg KI. Overactive bladder in children: Associations with symptoms and specific lower urinary tract conditions. Poster at SPU Fall Congress 2013, Las Vegas, NV.

Van Batavia JP, Nees SN, Fast AM, Combs AJ, and Glassberg KI. Outcomes of vesicoureteral reflux in children with non-neurogenic lower urinary tract dysfunction treated with dextranomer/hyaluronic acid copolymer (Deflux). Poster at SPU Fall Congress 2013, Las Vegas, NV

Glassberg KI (presenter), Fast AM, Tohme S, and **Van Batavia JP**. Laparoscopic varicocelectomy: a single surgeon's experience with over 500 cases. Presented at SPU Fall Congress 2013, Las Vegas, NV

Glassberg KI (presenter), Wenske S, **Van Batavia JP**, and Combs AJ. Uroflow patterns in patients with dysfunctional voiding. Presented at SPU Fall Congress 2013, Las Vegas, NV

Combs AJ, **Van Batavia JP**, and Glassberg KI. Urodynamic assessment of children with spina bifida: Does initial assessment impact clinical findings? Presented at SPU Fall Congress 2013, Las Vegas, NV

Glassberg KI, **Van Batavia JP**, and Combs AJ. Are idiopathic detrusor overactivity disorder/overactive bladder and dysfunctional voiding one entity? Or in other words do children migrate from one condition to the other? Poster at SPU Fall Congress 2013, Las Vegas, NV

Van Batavia JP (presenter), Combs AJ, and Glassberg KI. Use of short pelvic floor EMG lag time in the management and follow-up of children treated for detrusor overactivity. Presented at AUA National Conference 2013, San Diego, CA

Van Batavia JP (presenter), Ahn J, Shapiro E, and Gupta M. How often are we missing upper tract lesions with ureterorenoscopy (URS)? The role of URS in grading, staging, and mapping upper tract urothelial cancer. Presented at AUA National Conference 2013, San Diego, CA

Van Batavia JP. Adult murine urothelial basal cells are the progenitor cells for bladder carcinoma in situ: Using a lineage-tracing mouse model to identify progenitor cells of bladder cancer. Presented at Valentine Resident Essay Meeting, NY Section of the AUA, **First Prize, Basic Sciences**, April, 2013

Van Batavia JP (presenter), Gandhi D, Molotkov A, and Mendelsohn C. Finding the bladder urothelium progenitor cell during development: Does the role of basal cells need to be re-considered? Winner, SBUR Travel Award, Presented at Society of Basic Urologic Research Fall Symposium 2012, Miami Beach, FL

Van Batavia JP (presenter), Fast AM, Combs AJ, and Glassberg KI. Prevalence of urinary tract infections and vesicoureteral reflux amongst children diagnosed with lower urinary tract dysfunction. Presented at AAP National Conference 2012, New Orleans, LA

Fast AM, Combs AJ, **Van Batavia JP**, and Glassberg KI. The bladder of willful infrequent voiders: Underactive or underutilized? Presented at AAP National Conference 2012, New Orleans, LA

Van Batavia JP, Fast AM, and Glassberg KI (presenter). Incidental open inguinal rings during laparoscopic varicocelectomy: How common are they and what should be done when found? Presented at AAP National Conference 2012, New Orleans, LA

Combs AJ, **Van Batavia JP**, Glassberg KI. Radiation exposure to children during videourodynamics: How low can we go? Presented at AAP National Conference 2012, New Orleans, LA

Fast AM, **Van Batavia JP**, Nees SN, and Glassberg KI. Is it necessary to identify and ligate distal collateral veins during varicocelectomy to decrease varicocele recurrence? Presented at AAP National Conference 2012, New Orleans, LA

Fast AM, **Van Batavia JP**, Nees SN, and Glassberg KI. Does the degree of preoperative asymmetry or length of postoperative follow-up influence catch-up growth results? Presented at AAP National Conference 2012, New Orleans, LA

Van Batavia JP, Combs AJ (presenter), and Glassberg KI. Short pelvic floor EMG lag time: A novel non-invasive approach to documenting the presence of detrusor overactivity in children with LUTS and a quiet EMG when voiding. Winner Second Place, Best abstract presentation at ICCS/ERIC/BAPU Joint Congress 2012, London, UK

Fast AM, Combs AJ, **Van Batavia JP**, Hruby GW, and Glassberg KI. Overactive bladder in children: Presumptions and findings. Winner First Place, Best poster at ICCS/ERIC/BAPU Joint Congress 2012, London, UK

Van Batavia JP, Fast AM, Combs AJ, and Glassberg KI (presenter). Prevalence of UTIs and VUR amongst children diagnosed with LUT dysfunction. Presented at the ICCS/ERIC/BAPU Joint Congress 2012, London, UK

Glassberg KI, Wenske S, **Van Batavia JP**, and Combs AJ. Uroflow patterns in dysfunctional voiding. Presented at the ICCS/ERIC/BAPU Joint Congress 2012, London, UK

Combs AJ, **Van Batavia JP**, and Glassberg KI. Dysfunctional elimination syndromes: Are constipation and encopresis associated with particular LUT conditions? Presented at the ICCS/ERIC/BAPU Joint Congress 2012, London, UK

Fast AM, Nees SN, **Van Batavia JP**, Combs AJ, and Glassberg KI. VUR in children with LUT dysfunction: Does targeted treatment make a difference? Presented at the ICCS/ERIC/BAPU Joint Congress 2012, London, UK

Van Batavia JP, Nees SN, Fast AM, Combs AJ, and Glassberg KI (presenter). Current manufacturer's guidelines contraindicate subureteric deflux in children with VUR and non-neurogenic LUT conditions: Is a change warranted? Presented at the ICCS/ERIC/BAPU Joint Congress 2012, London, UK

Combs AJ, **Van Batavia JP**, and Glassberg KI. Radiation exposure to children during VUDS: How low can we go? Presented at the ICCS/ERIC/BAPU Joint Congress 2012, London, UK

Fast AM, Combs AJ, **Van Batavia JP**, and Glassberg KI. The bladder of willful, infrequent voiders: Underactive or underutilized? Presented at the ICCS/ERIC/BAPU Joint Congress 2012, London, UK

Van Batavia JP (presenter), Fast AM, and Glassberg KI. Adolescent hydroceles: Are they associated with a patent processus vaginalis and how should they be repaired? Presentation at AUA National Conference 2012, Atlanta, GA.

Fast AM, Nees SN, **Van Batavia JP**, Combs AJ, and Glassberg KI. Vesicoureteral reflux in children with lower urinary tract conditions: Does targeted treatment make a difference? Presentation at AUA National Conference 2012, Atlanta, GA.

Combs AJ, **Van Batavia JP**, Fast AM, and Glassberg KI. Dysfunctional elimination syndrome: Are ecopresis and constipation associated with specific lower urinary tract conditions? Presentation at AUA National Conference 2012, Atlanta, GA.

Van Batavia JP. Outcomes of vesicoureteral reflux in children with non-neurogenic lower urinary tract conditions with a subset treated with dextranomer/hyaluronic acid copolymer. Presented at Valentine Resident Essay Meeting, NY Section of the AUA, April, 2012

Van Batavia JP (presenter), Combs AJ, Fast AM, Bayer A, Medina-Kreppein D, and Glassberg KI. Use of non-invasive uroflowmetry with simultaneous electromyography to monitor patient response to

treatment for lower urinary tract conditions. Presentation at AAP National Conference 2011, Boston, MA.

Van Batavia JP (presenter), Fast AM, Nees SN, Mercado MA, and Glassberg KI. Incidence and natural history of retrograde venous flow post-varicocelelectomy in children and adolescents: Does it hinder catch-up growth? Presentation at AAP National Conference 2011, Boston, MA.

Graversen JA, Korets R, **Van Batavia J**, Mues AC, Badani K, Landman J, and Gupta M. Evaluation of a new balloon expandable ureteral access sheath: A randomized prospective analysis. Presentation at the 29th World Congress of Endourology and SWL, Kyoto, Japan.

Van Batavia JP (presenter), Combs AJ, Bayer A, Medina-Kreppein D, Hyun G, Schluskel RN, and Glassberg KI. Simple diagnosis of four voiding disorders using uroflow/EMG and EMG lag time. Presentation at AAP National Conference 2010, San Francisco, CA.

Wenske S, Combs AJ, **Van Batavia JP**, Hyun G, Glassberg KI. Can a staccato uroflow pattern alone reliably indicate the presence of dysfunctional voiding? Presentation at AAP National Conference 2010, San Francisco, CA.

Combs AJ, **Van Batavia JP**, Glassberg KI. Secondary bladder neck obstruction in pediatric non-neurogenic voiding disorders: how often does it occur and does it respond to alpha blocker therapy? Poster presentation at AAP National Conference 2010, San Francisco, CA.

Van Batavia JP. Correlation between shortened EMG lag time and detrusor overactivity in children with LUTS. Presented at Valentine Resident Essay Meeting, NY Section of the AUA, **First Prize, Clinical category**, April 14, 2010

Van Batavia JP (presenter), Combs AJ, Glassberg KI. Correlation between detrusor overactivity on urodynamics and shortened lag time on uroflowmetry/electromyography. Presentation at AAP National Conference 2009; Washington, DC.

Van Batavia JP (presenter), Woldu SL, Poon SA, Glassberg KI. Adolescent varicoceles: does the potential for catch-up growth without surgery vary with tanner stage? Presentation at AAP National Conference 2009; Washington, DC.

Woldu SL (presenter), **Van Batavia JP**, Poon SA, Glassberg KI. Is varicocelelectomy safe for patients with a history of previous inguinal surgery? Presentation at AAP National Conference 2009; Washington, DC.

Van Batavia JP (presenter), Hruby GW, DeCastro JG, Desai M, Benson MC, Newhouse J, McKiernan JM. Pre-Operative glomerular filtration rate and its association with cancer specific outcomes in patients undergoing surgery for renal cortical tumors. Presentation at AUA National Conference 2009, Chicago, IL

Van Batavia, JP (presenter), Combs AJ, Horowitz M, Glassberg KI. Primary bladder neck dysfunction in children and adolescents III: results of long-term alpha-blocker therapy. Presentation at AUA National Conference 2009, Chicago, IL.

Combs AJ, **Van Batavia JP**, Bayer A, Schluskel RN, and Glassberg KI. Diagnosis and management of non-neurogenic voiding disorders: non-invasive uroflowmetry with pelvic floor electromyography is the way to "go". Presentation at AUA National Conference 2009, Chicago, IL.

Combs AJ, Chan J, **Van Batavia JP**, Glassberg KI. Encoporesis and constipation: how closely are they related to various non-neurogenic voiding disorders and each other? Presentation at AUA National Conference 2009, Chicago, IL.

Van Batavia, J. (presenter), Cabreriza S., Richmond, M., Alexander, TQ., Kanter, J., Weinberg, AD., Mosca, RS., Quaegebeur, JM., Spotnitz, HM. Direction of Pre-Operative Shunting Affects Ventricular Mechanics after Tetralogy of Fallot Repair. Podium Presentation presented at: CUMC, Department of Surgery, Residents' Research Competition; May 2006; New York, NY.

**INVITED
LECTURES**

Translational Research Intensive Program Research Seminar, University of Pennsylvania, "Sub-specializing in a sub-specialty: How my mentors guided me to the light." Annually June 2021 to present

Pre-doc Preparatory Program (P3) in Translational Research: Career Pathways Panel, Panelist, University of Pennsylvania, ITMAT Education, January 28, 2022

Columbia University O'Brien Center in Benign Urology, Seminar on Urothelium-Epithelia at the Front Line, "CNS control of micturition," October 20, 2021

American Academy of Pediatrics, Section on Urology, Virtual Educational International Webinar, "Treatment of Bladder and Bowel Dysfunction," Oct 2020

Life Sciences Futures MedTech Conference (virtual), "Go with the flow: Uroflowmetry streamlined," July 2020

NYS EMPIRE Lecture Series (virtual), "Diagnosis and evaluation of antenatal hydronephrosis," May 2020

Atlanta, GA (virtual), Children's Healthcare of Atlanta, Division of Urology, "Use of simultaneous EMG during uroflowmetry studies for children with LUTS," May 2020

Philadelphia, PA, Hypospadias International Society 3rd World Congress, "MIV Hypospadias Repair: the MAGPI replacement" Oct 2019

Venice, Italy, 18th Congress of the International Pediatric Nephrology Association, "When to suspect bladder dysfunction in children with UTIs," Oct 2019

Washington DC, Clinical and Translational Science Award Program Annual meeting, Panelist, "A Holistic Approach to Professional Development," Sept 2019

Georgetown University, Interdisciplinary Program in Neuroscience Seminar Series, "To Pee or Not to Pee: That is the Question (For Barrington's Nucleus)," January 23rd, 2018

PATENTS

US Patent Application No. 62/890,169; CHOP 1173: Home and office instant uroflowmetry Device, co-inventor

US Patent Application No. 63/164,811; CHOP 1229P: Enema Assist Device, co-inventor

ACTIVITIES

Jan 2022 - present	Scientific Advisor , Global Continence LLC
March 2018 – present	Volunteer and Merit Badge Counselor , BSA Scouts of America, Troops 176 and 434
Jan 2017 – July 2019	The Hendren Project , Current Controversies in Reconstructive Pediatric Urology Webinar Series, <i>Director and Organizer</i>
Nov 12, 2016	Fourth Duckett Quinquennial Conference , Varicocele session moderator, Children’s Hospital of Philadelphia
August 11, 2016	Children’s Hospital of Philadelphia Research Institute Summer Scholars Program (CRISSP) , Poster Day Judge
August 2016 - present	Cub Scouts of America, Sacred Heart Pack 11 , Membership Chair and Den Leader

Position statement

In my opinion, the ICCS represents the state-of-the-art for guidance, education, and collaboration in pediatric lower urinary tract function and dysfunction. Through policy statements and guidelines, the ICCS provides a foundation for standardizing how we evaluate, diagnosis, and treat some of the most common conditions affecting children and adolescents. Prior to the publication of the ICCS documents, research in pediatric LUT dysfunction was limited by a lack of clearly defined inclusion/exclusion criteria and a lack of understanding of the specific LUT condition(s) being treated. The dispersion and use of the ICCS documents allows clinicians and researchers from around the world to speak a common language and helps to ensure that studies define patient populations, diagnoses, and outcomes in a way that is reproducible and comparable to other publications in the literature (i.e., compare apples to apples). Only in this way will we be able to advance our field and get closer to a future of tailored and individualized treatment plans that offer higher success rates based on an evidence-based approach.

Serendipity led me to a career that has been centered on pediatric neurogenic and non-neurogenic LUT dysfunction. My early career mentors (Drs. Kenneth Glassberg and Stephen Zderic) instilled in me an interest in the clinical aspects of LUT dysfunction as well as a fascination for basic science research into the pathophysiology of LUT dysfunction in animal models. As a physician-scientist my lab is focused on deciphering the neuro-urologic pathways that control normal and abnormal voiding and ultimately translating these findings into clinical improvement

for children. This aligns with the fundamental goal of the ICCS and as a member I would encourage:

- 1) Increased interaction and collaboration with global/international societies to further create, promote and disseminate standardization guidelines and policy statements; as a member of the AUA, SPU and AAP SOU, I know first-hand that there is a huge need for support of these societies for pediatric based LUT guidelines in the United States, a stronger alliance with the ICCS is critical for this
- 2) Development of a research fund for grant/awards that would be available to ICCS members for basic science, translational, and/or clinical research in LUT dysfunction
- 3) Establishment of a biannual newsletter to promote ICCS documents, upcoming meetings, as well as research and educational activities of members
- 4) Participation of early career clinicians via outreach and mentorship programs; by engaging providers early in their careers the influence of the ICCS and ICCS documents will have a broader and longer impact; mentorship across institutions and countries would also encourage international partnerships and potential collaborations