



DEPARTMENT OF UROLOGY SCHOLARLY NEWSLETTER

FEBRUARY 2023

CREATED BY ZACHARY
TAYLOR, MALACHI MASON
& REZWANA ZAHIR

RESEARCH DIRECTOR'S MESSAGE:

I would like to thank everyone for their strong contributions in 2022. We look forward to the continued growth of our clinical research enterprise in 2023, including the substantial efforts of our junior faculty and residents as they continue gain experience with academic research. Notably, none of this would be possible without the integration of both strong clinical and research teams, including all the support staff, and most importantly the patients who help us drive medicine into the future.

Regards,

Ryan Kopp, MD

Associate Professor, Department of Urology

Director of Urology Research



OUR RESEARCH TEAM



Rezwana
Zahir

Research Administrator

I am ecstatic about some of our progress going on for research! I am very passionate about research and very grateful to be here to serve as your Research Administrator! I am a part-time doctoral candidate and Food Administrator for the family at night. I recently joined the Harvard Alumni Association Board and was appointed Head Administrator/Secretary. Our vision is to see significant growth in research opportunities for med students, pre-med students, and all investigators! Let's grow research! Let's grow people!



Marina
Aguinaga
(she/her)

Senior Clinical Research Assistant

Undergraduate: Oregon State University

Background/Interests: Prostate cancer imaging and early detection

Active Studies

Integration of MRI and Protein Biomarkers for Identification of HGPCa (PI: Kopp; Total Participants: 63)

CEDAR Specimen and Data Repository (Total Participants – Prostate Cohort: 390)

Pending Study

Luminal Index MRI Identification of Treatment critical Prostate Cancer (PI: Kopp; Enrollment Goal: 20)

A prospective, non-randomized feasibility study, evaluating the feasibility and acceptability of Luminal Index MRI (LI-MRI) as a tool for the early detection of prostate cancer.

I grew up in Southern California and moved to Oregon for undergrad where I received my degree in Biology with a Medical Humanities Certificate in 2020. My father is a mechanic and his passion for diagnosing and repairing cars fostered my curiosity for medicine. Clinical research allows me to apply my scientific knowledge in a tangible way and to be actively involved in my patients' care. My hobbies include spending time with my dog and houseplants, trying new Portland restaurants, and rock climbing.



Raey
Gesese

Senior Clinical Research Coordinator

I am working with CEDAR at the OHSU urology clinic and at the VA. Over the past year, I have focused on enrolling patients for the CEDAR biorepository and I have appreciated all the support and collaboration from everyone in the clinic. This year, I am excited to begin enrollment on a green tea extract based clinical trial for patients on active surveillance for prostate cancer! Outside work, I enjoy reading, spending time with my nieces and discovering new restaurants.



Vanessa
Le (former)

Clinical Research Coordinator

I graduated from Brown University and now work with the CEDAR (Cancer Early Detection Advanced Research) Clinical Trials team. I just got accepted to medical school, but in my free time, I like to write and spoil my two little dogs!



Malachi
Mason

Clinical Research Coordinator

I have been a part of research with OHSU Urology for a few years now. Originally, I volunteered with Dr. Hedges and helped with a few studies regarding reversal outcomes during the summers between my undergraduate studies. I have now been employed as part of the research study team for over a year and am enthusiastic with both my growth in this position and the departments growth towards clinical trials. In the future I am hoping to further my studies at medical school as becoming a physician is my main career aspiration. When I am not working I enjoy the outdoors, playing/watching soccer, and playing video games.



Zachary
Taylor
(she/they)

Clinical Research Assistant

I am working with CEDAR (Cancer Early Detection Advanced Research) as a Clinical Research Assistant. I graduated from Tufts University in 2021 with a degree in Chemistry, and I am now interested in medicinal applications and research. I'm drawn to clinical research in particular because it feels like a fascinating way to use my skills to make a difference, and having direct interactions with patients reassures me that the work I'm doing is meaningful and impactful.

OUR RESIDENTS



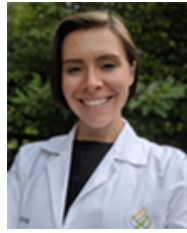
Alex Wang,
MD

Publications

Wang A, Lam MK, Isharwal S. Urethral Mucinous Adenocarcinoma of the Prostate: An Uncommon and Diagnostically Complex Disease. Urology. 2020

Lectures and Presentation

2021 Wang AS, Jyoti Chouhan. Utilization Of A Standardized Pain Protocol For Gender Affirming Simple Orchiectomy. Unmoderated Poster. Western Section AUA. Palm Springs, CA Oct 31, 2021.



Emily
Clennon,
MD

Publications

Clennon, EK, I Fields, B Cooper, C Seideman. Testicular Torsion is Overrepresented Among Malpractice Cases for Gonadal Torsion. J Ped Surg, 2022. In Press.

Lectures and Presentation

WSAUA 2022 - Round Table - If you like it then you shouldn't put a ring on it: a case of 7 day penoscrotal entrapment by steel ring.



Jasper
Bash, MD

Publications

Bash J, Lo J, Kapadia A, Mason M, Hedges J. Vasectomy reversal outcomes in men after testosterone therapy. Sci Rep 12, 19496 (2022).

Ryan KS, *Bash JC, Hanna CB, Hedges JC, Lo JO. Effects of marijuana on reproductive health: preconception and gestational effects. Current Opinion in Endocrinology and Diabetes. Dec 2021; 1;28(6):558-565



Jessica
Wenzel,
MD

Publications

Wenzel J, Bassale S, Jones P, Robinson E, Isharwal S, Amling CL, Sajadi K, Liu JJ. Early stent removal after radical cystectomy. Western Section AUA, Oct 30 – Nov 4, 2022, Kauai, HI.

Wenzel J, Dudley A, Agnor R, Bassale S, Chen Y, Rowe C, Seideman CA. Women are underrepresented in prestigious recognition awards in the American Urological Association. Urology. 2021 Jun 18:S0090-4295(21)00526-4. doi: 10.1016/j.urology.2021.03.058. Epub ahead of print. PMID: 34153364.

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Lauren
McGee,
MD

Publications

Claflin J, Andino J, Bethel E, McGee L, Ellimoottil C. "New Patient Video Visits for Common Urological Conditions do not Lead to an Increase in Secondary Visits." Michigan Urological Society Resident Day. May 27, 2021. Virtual Conference.

Siden JY, Collins C, McTaggart S, Imsande J, Pichan C, McGee LM, Berman DR. "Equity Analysis of Burnout and Mental Health to Target Well-Being Programs." Injury Prevention Center Research Symposium; November 12, 2021. Virtual Conference.



Mitch
Hayes, MD

Publications

Hayes M, Bassale S, Chakiryan N, Boileau L, Grassauer J, Wagner M, Foster B, Coakley F, Isharwal S, Amling CL, Liu JJ. (2022). Selecting patients for magnetic resonance imaging cognitive versus ultrasound fusion biopsy of the prostate: A within-patient comparison. BJUI Compass. 2022 Jun 5;3(6):443-449. PMID: 36267201; PMCID: PMC9579877.

Hayes M, Grassauer J, Liu JJ, Amling CL, Bedrick S, Isharwal S. Using a Novel Text Preprocessing Strategy with a Bag-of-N Grams Representation for Automated Data Extraction of Prostate Biopsy Pathology Reports. Western Section AUA, Oct 30 – Nov 4, 2022, Kauai, HI.



Paul Jones,
MD

Publications

Wenzel J, Bassale S, Jones P, Robinson E, Isharwal S, Amling CL, Sajadi K, Liu JJ. Early stent removal after radical cystectomy. Western Section AUA, Oct 30 – Nov 4, 2022, Kauai, HI.

Paul Jones, Abirami Rajasegaran, Solange Brassale, Yiyi Chen, Roxanne Haslam, Christopher Austin, Casey A. Seideman. Assessment of the Educational Value of Distal Hypospadias Repair Videos on YouTube. Urology, 2021. ISSN 0090-4295.



Thien-Linh
Le, MD

Publications

Alexandra Medline, Reza Nabavizadeh, Thien-Linh Le, Dattatraya Patil, Sean Evans, Alex Sandbery, Sarah P. Psutka, Viraj A. Master. Magnetic resonance imaging vs. computed tomography image concordance for linear measurements and the quantification of abdominal skeletal muscle. *Journal of Cachexia, Sarcopenia and Muscle Clinical reports*, 2022. DOI:10.1002/crt2.46

Hielke M. de Vries, Juan Chipollini, Julio Slongo, Franklin Boyd, Fernando Korkes, Maarten Albersen, Eduard Roussel, Yao Zhu, Ding-Wei Ye, Viraj Master, Thien-Linh Le, Peter A. Johnstone, Asif Muneer, Oscar R. Brouwer, Philippe E. Spiess, Outcomes of perineal urethrostomy for penile cancer: A 20-year international multicenter experience, *Urologic Oncology: Seminars and Original Investigations*, 2021, ISSN 10781439. <https://doi.org/10.1016/j.urolonc.2021.04.023>.

OUR FACULTY



Aaron
Bayne, MD

Publications

Aaron P Bayne, J. Christopher Austin, Casey A Seideman. Robotic Assisted Retrovesical Approach to Prostatic Utricle Excision and other complex pelvic pathology in Children is Safe and Feasible. *J Pediatric Urol* (Accepted 6 Aug 2021)

Lectures

Pediatric Urology Essentials for the Physician Assistant. Portland, OR, May 2021



Brian Duty,
MD

Publications

Tzou DT, Stern KL, Duty BD, Hsi RS, Canvasser NE, De S, Wong AC, Royal CR, Sloss ML, Ziembra JB, Harper JD, Bechis SK, Zampini AM, Borofsky MS, Bell JR, Friedlander JI, Leavitt DA, Nevo A, Patel ND, Patel RM, Okeke Z, Rivera ME, Hsu CH, Chi T, Vedantam G, Lainhart WD. Heterogeneity in stone culture protocols and endourologist practice patterns: a multi-institutional survey. *Urolithiasis*. 2022 Dec 12;51(1):15.

Awards

2022 AUA Gallagher Health Policy Scholar
2023 Portland Monthly Top Docs



Casey
Seideman,
MD

Publications

Bayne, Aaron & Austin, James & Seideman, Casey. (2021). Robotic Assisted Retrovesical Approach to Prostatic Utricle Excision and other complex pelvic pathology in Children is Safe and Feasible. *Journal of Pediatric Urology*. 17. 10.1016/j.jpuro.2021.08.004.

Cannon, Shannon & Seideman, Casey & Thavaseelan, Simone & Wilson, Shenelle & Zaila, Kassandra & Delgado, Jessica & Simons, Efe & Dy, Geolani. (2021). Urologists for Equity: A Collective Approach Toward Diversity, Equity, and Inclusion in Urology. *Urology*. 10.1016/j.urology.2021.07.017.



Christopher
Austin,
MD, FAAP,
FACS

Publications

Bayne, Aaron & Austin, James & Seideman, Casey. (2021). Robotic Assisted Retrovesical Approach to Prostatic Utricle Excision and other complex pelvic pathology in Children is Safe and Feasible. *Journal of Pediatric Urology*. 17. 10.1016/j.jpuro.2021.08.004.

Yerkes, Elizabeth & Cheng, Earl & Wiener, John & Austin, James & Tu, Duong & Joseph, David & Routh, Jonathan & Tanaka, Stacy. (2021). Translating pediatric urodynamics from clinic into collaborative research: Lessons and recommendations from the UMPIRE study group. *Journal of Pediatric Urology*. 17. 10.1016/j.jpuro.2021.05.004.



Daniel
Dugi, III,
MD, FACS

Presentations

Sineath C, Butler C, Dy GW, Dugi D. Genital Hypoplasia in Gender-affirming Vaginoplasty: Prior Orchiectomy, Penile Length, and Other Factors to Guide Surgical Planning. J Urol. 2022 Aug

Dy G, Butler C, Peters B, Dugi D. A Systematic Approach to Incision Planning and Graft Excision in Gender-affirming Vaginoplasty. PRS Global Open 2022 Feb



Dorian
Scull, PA-C

Publications

Scull, D., Chung, P., Dugi, D., Dy, G. Creating a Gender-Affirming Environment for Urologic Care. AUA News, April 2021.

Presentation

Podium presentation at the AUA 2021 conference: "Clinical Pearls in Urogenital Care for Gender Diverse Patients after Gender- Affirming Genital Surgery" for the AUA2021 Urologic Care for the Advanced Practice Provider Program.



Geolani Dy,
MD

Publications

Downing JM, Yee K, Dy GW. Hair Removal for Patients Undergoing Feminizing Surgeries in Oregon's Medicaid Program. JAMA Dermatol. March 2021.

Schulster ML, Dy GW, Vranis NM, Jun MS, Shakir NA, Levine JP, Zhao LC. Propeller Flap Perineal Urethrostomy Revision. Urology. Feb 2021.



Ian
Metzler,
MD, MTM

Awards

Urology Foundation Award for work on Low Cost Simulation with IVUmed

Publications

Metzler, Ian & Holt, Sarah & Harper, Jonathan. (2021). Surgical Trends in Nephrolithiasis – Increasing de novo renal access by urologists for PCNL. Journal of Endourology. 35. 10.1089/end.2020.0888.



Jason
Hedges,
MD, PhD

Awards

NIH SBIR/STTR \$853,858

Chitosan Endoluminal Hemostatic Dressing

The objective of this project is the development of a hemostatic urinary catheter device (HUCD) to design lock with verification of safety and efficacy in addition to manufacturing and acceptance of locked HUCD for a Phase 1 clinical trial.

Role: Co-Investigator

Publications

Hedges JC, Hanna CB, Bash JC*, Boniface ER, Burch FC, Mahalingaiah S, Roberts VHJ, Terrobias JJD, Mishler EC, Jensen JV, Easley CA, Lo JO. Chronic delta-9-tetrahydrocannabinol exposure impacts testicular volume and male reproductive health in rhesus macaques. Fertil Steril. 2022. Accepted
***Highlighted by the American Society of Reproductive Medicine Bulletin and Press Release including a Jimmy Kimmel monologue



Jen-Jane
Liu, MD

Publications

Hayes M, Bassale S, Chakiryan N, Boileau L, Grassauer J, Wagner M, Foster B, Coakley F, Isharwal S, Amling CL, Liu JJ. (2022). Selecting patients for magnetic resonance imaging cognitive versus ultrasound fusion biopsy of the prostate: A within-patient comparison. BJUI Compass. 2022 Jun 5;3(6):443-449. PMID: 36267201; PMCID: PMC9579877.

Presentations and Abstracts

Wenzel J, Bassale S, Jones P, Robinson E, Isharwal S, Amling CL, Sajadi K, Liu JJ. Early stent removal after radical cystectomy. Western Section AUA, Oct 30 – Nov 4, 2022, Kauai, HI.



John Barry,
MD

Awards

Distinguished Alumni Award, University of Minnesota, March 2022.

President, Clinical Society of Genitourinary Surgeons, November 2022.

Distinguished Service Award, OHSU Department of Surgery, June 7, 2021.



Jyoti
Chouhan,
DO,
PharmD

Publications

Wang A, Robinson E, Chouhan JD. Minimizing opioids after gender affirming orchiectomy- a multimodal pain pathway. Accepted to the Canadian Journal of Urology, December 2022.

Guerre M, Shoureshi P, Seideman C, Callejas DG, Amling C, Bassale S, Chouhan JD. Addressing burnout in urology: a qualitative assessment of interventions- Accepted to Urology Practice.



Kamran
Sajadi, MD

Publications

Senders A, Bauer SR, Chen Y, Oken B, Fink HA, Lane NE, Sajadi KP, Marshall LM for the Osteoporotic Fractures in Men (MrOS) Study Group.

Musculoskeletal pain, a possible indicator of central sensitization, is positively associated with lower urinary tract symptom progression in community dwelling older men. JGMS 2022, in press.

Wenzel JL*, Bassale S, Jones P, Robinson E, Isharwal S, Amling C, Sajadi KP, Liu JJ. Early stent removal after radical cystectomy. Western Section American Urological Association Annual Meeting, Kauai, HI, October 2022.



Mark
Garzotto,
MD

Awards

Kate Bowie , Jodi Lapidus, Ph.D. , Mark Garzotto, M.D. , Eric Orwoll, M.D. , Lisa Karstens, Ph.D.: THE URINARY MICROBIOME (UROBIOME) AMONG OLDER COMMUNITY-DWELLING MEN WITH AND WITHOUT LUTS. SUFU Annual Meeting, San Diego Feb 22-26, 2022.

Xin Li, Ryan P Kopp, Eric M Baker, Brendan Moloney, William D. Rooney, Charles S Springer, Fergus V Coakley, and Mark G. Gartotto. Transcytolemmal water exchange in prostate manifest via DCE-MRI and DWI kurtosis imaging. Proc. Intl. Soc. Mag. Reson. Med. 30 (2022).



Marshall
Strother,
MD

Publications

Strother MC, Cho EY, Loecher M, et al. The Delayed Nephrogram: Point-of-care Quantitative Measurement, Validation as an Indicator of Obstruction, and Novel Use as a Predictor of Renal Functional Impairment. Eur Urol Focus. 2022. doi:10.1016/J.EUF.2022.01.019

Abstracts and Presentations

Schober J, Loecher M, Strauss D, et al. MP24-08 Real-Time Estimation of Nephron Activity With a Linear Measurement System (RENAL-MS) Obviates the Need for Nuclear Medicine Scans To Predict Glomerular Filtration Rate After Nephrectomy. J Urol. 2022;207.



Michael
Conlin,
MD, FACS

Publications

Madison, Cecelia & Melson, Ryan & Conlin, Michael & Gundle, Kenneth & Thompson, Reid & Calverley, David. (2021). Thromboembolic risk in patients with lung cancer receiving systemic therapy. British Journal of Haematology. 194. 10.1111/bjh.17476.

Tadros, Nicholas & Conlin, Michael. (2021). Ureteroscopic evaluation and treatment of benign essential hematuria: a systematic review. The Canadian journal of urology. 28. 10510-10515.



Nina Davis,
MD, FACS

Publications

Suskind AM, Vaittinen T, Gibson W, Hajebrahimi S, Ostaszkievicz J, Davis N, Dickinson T, Spencer M, Wagg A. International Continence Society white paper on ethical considerations in older adults with urinary incontinence. *Neurourol Urodyn*. 2022 Jan

Presentations

Nationally broadcasted lecture for the ACTRIMS organization on "The Evaluation and Treatment of Bladder Dysfunction in Multiple Sclerosis"



Ryan
Kopp, MD

Publications

Hayes M, Yu Y, Bassale S, Chakiryan N, Chen Y, Ye S, Garzotto M, Kopp R. Calibrated Regression Models Based on the Risk of Clinical Nodal Metastasis Should be Used as Decision Aids for Prostate Cancer Staging to Reduce Unnecessary Imaging. *Clin Genitourin Cancer*. 2022 Dec;20(6):e490-e497. PMID: 35649886.

Song X, Ru M, Steinsnyder Z, Tkachuk K, Kopp RP, Sullivan J, Gümüş ZH, Offit K, Joseph V, Klein RJ. SNPs at SMG7 Associated with Time from Biochemical Recurrence to Prostate Cancer Death. *Cancer Epidemiol Biomarkers Prev*. 2022 Jul 1;31(7):1466-1472. PMID: 35511739; PMCID: PMC9250608.



Sarah
Hecht, MD

Publications

Iguchi N, HECHT SL, Gao D, Wilcox DT, Malykhina AP, Cost NG. Sexual dimorphic impacts of systemic vincristine on lower urinary tract function. *Scientific Reports* 2022; 12(1): 1-15.

Flewelling KD, Wengryn D, Buchanan CL, Vemulakonda VM, Beltran GG, HECHT SL. Unexpected Challenges Faced by Caregivers of Children with Neurogenic Bladder: A Qualitative Study. *Journal of Pediatric Urology* 2022; 18(4): 502.e1-502.e9.



Sudhir
Isharwal,
MD

Publications

Patel AS, Isharwal S. Single-port robotic inguinal lymph node dissection: A safe and feasible option for penile cancer. *Surg Oncol*. 2021 Sep

Hayes M, Lin-Brandt M, Isharwal S. Primary Focal Therapy for Localized Prostate Cancer: A Review of the Literature. *Oncology (Williston Park)*. 2021 May