

Hannah Thomas

Ph.D. Student in Health Policy, admitted Autumn 2024

Bio

BIO

I am a resident in urologic surgery at the University of Toronto, currently pursuing my PhD in Health Policy (Decision Sciences) at Stanford University as a Knight-Hennessy Scholar. I previously completed a Masters in Global Health Sciences from UCSF.

I am passionate about leveraging data to guide evidence-based health policy, both domestically and globally. My doctoral thesis uses mathematical modelling to address critical disparities between the burden of disease and the urologic workforce- seeking to provide actionable insights for workforce planning and development in resource-constrained healthcare systems.

I serve on the Board of Trustees for the International Student Surgical Network.

Research & Scholarship

RESEARCH INTERESTS

- Data Sciences
- Research Methods

Publications

PUBLICATIONS

- **Kidney Morbidity in Pediatric Patients With Spina Bifida.** *JAMA network open*
Thomas, H. S., Matta, R., Morais, S., Wilton, D., Saskin, R., Chua, M., Hird, A., Nam, R. K., Herschorn, S., Neu, S.
2026; 9 (6): e2619794
- **Findings from the inaugural national Canadian Resident Census** *CUAJ-CANADIAN UROLOGICAL ASSOCIATION JOURNAL*
Wong, J., Otiono, K., Caterini, J., Thomas, H. S., Cox, A., Rourke, K., Steele, S.
2026; 20 (4): 85-89
- **Reply to Editorial Comment on "Augmentation Enterocystoplasty After Pelvic Radiation: A Retrospective Cohort Study".** *Urology*
Thomas, H. S., Herschorn, S.
2026
- **Augmentation enterocystoplasty after pelvic radiation: a retrospective cohort study.** *Urology*
Thomas, H. S., Herschorn, S., Raveendran, L., Locke, J.
2026
- **Expanding the global dialogue regarding gender equity in urology.** *BJU international*
Thomas, H. S., Kazobinka, G., Overholt, T. L., Orzel, J., Ortiz-Zableh, A. M., Thavaseelan, S.
2025
- **Use of the Pediatric Cystoscope for Adult Ureteroscopy** *UROLOGY*
Thomas, H. S., Lin, L., Stern, N., Herschorn, S.

2025; 205: 354-358

- **Surgeon Sex and Postoperative Resource Utilization: A Population-Based Cohort Study.** *Annals of surgery open : perspectives of surgical history, education, and clinical approaches*
Heybati, K., Satkunasivam, R., Aminoltejari, K., Thomas, H. S., Salles, A., Coburn, N., Wright, F. C., Gotlib Conn, L., Luckenbaugh, A. N., Ranganathan, S., Riveros, C., Sutherland, J., McCartney, et al
2025; 6 (2): e569
- **Drug-coated balloon dilation for female urethral stricture** *UROLOGY CASE REPORTS*
Thomas, H. S., Stern, N., Neu, S., Herschorn, S.
2025; 59: 102985
- **Association Between Surgeon Sex and Days Alive at Home Following Surgery: A Population-Based Cohort Study**
Heybati, K., Satkunasivam, R., Aminoltejari, K., Thomas, H., Salles, A., Coburn, N., Wright, F., Conn, L., Luckenbaugh, A., Ranganathan, S., Riveros, C., McCartney, C., Armstrong, et al
LIPPINCOTT WILLIAMS & WILKINS.2024: 772-773
- **Association Between Surgeon Sex and Days Alive at Home Following Surgery: A Population-Based Cohort Study.** *Annals of surgery open : perspectives of surgical history, education, and clinical approaches*
Heybati, K., Satkunasivam, R., Aminoltejari, K., Thomas, H. S., Salles, A., Coburn, N., Wright, F. C., Gotlib Conn, L., Luckenbaugh, A. N., Ranganathan, S., Riveros, C., McCartney, C., Armstrong, et al
2024; 5 (3): e477
- **Understanding the Burden of Pediatric Traumatic Injury in Uganda: A Multicenter, Prospective Study.** *The Journal of surgical research*
Thomas, H. S., Emmanuel, A., Kayima, P., Ajiko, M. M., Grabski, D. F., Situma, M., Kakembo, N., Ozgediz, D. E., Sabatini, C. S.
2024; 300: 467-476
- **Impact of postoperative cardiovascular complications on 30-day mortality after major abdominal surgery: an international prospective cohort study.** *Anaesthesia*
2024; 79 (7): 715-724
- **Association between multimorbidity and postoperative mortality in patients undergoing major surgery: a prospective study in 29 countries across Europe** *Anesthesia*
Collaborative, S., Collaborative, E., Thomas, H. S.
2024
- **Impact of malnutrition on early outcomes after cancer surgery: an international, multicentre, prospective cohort study.** *The Lancet. Global health*
2023; 11 (3): e341-e349
- **Comparison of Male and Female Surgeons' Experiences With Gender Across 5 Qualitative/Quantitative Domains.** *JAMA surgery*
Zogg, C. K., Kandi, L. A., Thomas, H. S., Siki, M. A., Choi, A. Y., Guetter, C. R., Smith, C. B., Maduakolam, E., Kondle, S., Stein, S. L., Shaughnessy, E. A., Ahuja, N.
2022: e226431
- **Spotlighting Research During COVID-19: Introduction of an International Online Multi-Round Research Competition for Trainees.** *The American surgeon*
Thomas, H. S., Siki, M. A., Lansing, S. S., Zogg, C. K., Patrick, B., Towe, C. W., Stein, S. L.
2022; 88 (11): 2644-2648
- **Effects of hospital facilities on patient outcomes after cancer surgery: an international, prospective, observational study** *LANCET GLOBAL HEALTH*
Knight, S. R., Chu, K., Lapitan, M., Dare, A. J., Pius, R., Shaw, C. A., Drake, T. M., Norman, L., Ademuyiwa, A. O., Adisa, A. O., Aguilera, M., Al-Saqqqa, S. W., Al-Slaibi, et al
2022; 10 (7): E1003-E1011
- **Awareness, Clinical Experience and Knowledge of Female Genital Mutilation/Cutting Among Female Pelvic Medicine and Reconstructive Surgeons in the United States.** *Urology*
Thomas, H. S., Mmonu, N. A., Amend, G., Dubinskaya, A., Johnson-Agbakwu, C., Rowen, T. S., Anger, J. T., Breyer, B. N.
2022; 159: 59-65

- **Comment on "The Compounding Access Problem for Surgical Care: Innovations in the Post-COVID Era".** *Annals of surgery*
Ma, X., Thomas, H. S., Nazir, A., Vervoort, D.
2021; 274 (6): e813-e814
- **National, collaborative evaluation of medical student and faculty perspectives on global surgery - Survey of undergraduate respondents on global surgery education (SURGE): A cross-sectional study.** *International journal of surgery (London, England)*
2021; 93: 106049
- **Characterizing online crowdfunding campaigns for patients with kidney cancer.** *Cancer medicine*
Thomas, H. S., Lee, A. W., Nabavizadeh, B., Namiri, N. K., Hakam, N., Martin-Tuite, P., Rios, N., Enriquez, A., Mmonu, N. A., Cohen, A. J., Breyer, B. N.
2021; 10 (13): 4564-4574
- **Global variation in postoperative mortality and complications after cancer surgery: a multicentre, prospective cohort study in 82 countries** *LANCET*
Knight, S. R., Shaw, C. A., Pius, R., Drake, T. M., Norman, L., Ademuyiwa, A. O., Adisa, A. O., Aguilera-Arevalo, M., Al-Saqqa, S. W., Al-Slaibi, I. S., Bhangu, A., Biccard, B. M., Brocklehurst, et al
2021; 397 (10272): 387-97
- **Use of Urology-Based Clinical Practice Guidelines in International Settings** *Societe Internationale d'Urologie Journal*
Patino, G., Ndoye, M., Thomas, H. S., Cohen, A. J., Mmonu, N., Chu, C., Breyer, B.
2021
- **Evaluating the primary use, strengths and weaknesses of pelvic floor muscle training devices available online.** *Neurourology and urodynamics*
Thomas, H. S., Lee, A. W., Nabavizadeh, B., Martin-Tuite, P., Namiri, N. K., Hakam, N., Rios, N., Enriquez, A., Mmonu, N. A., Breyer, B. N.
2021; 40 (1): 310-318
- **Qualitative analysis of Amazon customer reviews of penile clamps for male urinary incontinence.** *Neurourology and urodynamics*
Lee, A., Mmonu, N. A., Thomas, H., Rios, N., Enriquez, A., Breyer, B. N.
2021; 40 (1): 384-390
- **Global health education in medical schools (GHEMS): a national, collaborative study of medical curricula.** *BMC medical education*
2020; 20 (1): 389
- **Beyond technology: review of systemic innovation stories in global surgery** *Journal of Public Health and Epidemiology*
Ma, X., Thomas, H. S., Kanmounye, U. S.
2020
- **Incidental Findings Identified on Head MRI for Investigation of Cognitive Impairment: A Retrospective Review.** *Dementia and geriatric cognitive disorders*
Glasmacher, S. A., Thomas, H. S., Stirland, L., Wilkinson, T., Lumsden, J., Langlands, G., Waddell, B., Holloway, G., Thompson, G., Pal, S.
2019; 48 (3-4): 123-130
- **Medical equipment donation in low-resource settings: a review of the literature and guidelines for surgery and anaesthesia in low-income and middle-income countries.** *BMJ global health*
Marks, I. H., Thomas, H., Bakhet, M., Fitzgerald, E.
2019; 4 (5): e001785
- **Global Health Education in UK Medical Schools (GHEMS) study protocol** *Journal of Global Health Reports*
Bandyopadhyay, S., Shortland, T., Wadanamby, S. W., Thomas, H. S., Gurung, B., Akhbari, M., Trout, I., Patel, R., Sharma, K., Fitzgerald, J., Smith, A. D.
2019
- **Pooled analysis of WHO Surgical Safety Checklist use and mortality after emergency laparotomy** *BRITISH JOURNAL OF SURGERY*
Thomas, H. S., Weiser, T. G., Drake, T. M., Knight, S. R., Fairfield, C., Ademuyiwa, A. O., Aguilera, M., Alexander, P., Al-Saqqa, S. W., Borda-Luque, G., Costas-Chavarri, A., Ntirenganya, F., Fitzgerald, et al
2019; 106 (2): E103-E112
- **Evidence of insufficient quality of reporting in patent landscapes in the life sciences.** *Nature biotechnology*
Smith, J. A., Arshad, Z., Thomas, H., Carr, A. J., Brindley, D. A.

