

Brittany A. Shelton, DrPH
CURRICULUM VITAE
University of Tennessee, Knoxville

Date: January 21, 2025

PERSONAL INFORMATION

Name: Brittany Shelton
Citizenship: United States

Rank/Title

Rank: Assistant Professor
Department: Public Health
Business Address: 1914 Andy Holt Ave
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EDUCATION:

2011	BS	Middle Tennessee State University
2014	MPH	University of Alabama Birmingham School of Public Health, Health Policy
2022	DrPH	University of Alabama Birmingham School of Public Health, Health Policy and Organization

ACADEMIC APPOINTMENTS:

2014-2017	Data Collection Coordinator, University of Alabama Birmingham
2017-2021	Researcher IV, University of Alabama Birmingham
2021-2022	Scientist I, University of Alabama Birmingham
2022-present	Assistant Professor, University of Tennessee Knoxville
2023-2026	Visiting Assistant Professor, Center for AIDS Prevention, University of California San Francisco

AWARDS/HONORS:

2017	American Transplant Congress Young Investigator Award
2018	American Transplant Congress Poster of Distinction
2020	American Transplant Congress What's Hot, What's New: Clinical Research
2022	Delta Omega Public Health Honor Society, Inductee
2022	UAB School of Public Health Outstanding DrPH Student

MEMBERSHIPS:

American Society of Transplant Surgeons (ASTS)
American Heart Association (AHA)
American Society of Transplantation (AST)
Society of Behavioral Medicine (SBM)
American Public Health Association (APHA)

COUNCILS AND COMMITTEES:

2021-2022	Committee on the Inclusion of Race in Estimation of Kidney Function, University of Alabama at Birmingham, Department of Surgery
2022-present	Undergraduate Council, University of Tennessee
2022-present	Undergraduate Committee, University of Tennessee, Department of Public Health
2022-present	Academic Planning Committee, University of Tennessee, Department of Public Health
2022	Undergraduate Non-Tenure Track Faculty Search Committee, University of Tennessee, Department of Public Health
2023	Health Cluster Hire Faculty Search Committee, University of Tennessee, Department of Public Health
2023	Nutrition and Health Promotion Cluster Hire Faculty Search Committee, University of Tennessee, Department of Public Health
2023-present	Next Level Task Force on AAU Status, University of Tennessee, College of Education, Health, and Human Sciences
2024-present	Undergraduate Non-Tenure Track Faculty Search Committee, University of Tennessee, Department of Public Health

UNIVERSITY ACTIVITIES:

June 2023-July 2026	Visiting Assistant Professor	University of California San Francisco
August 2022-present	Assistant Professor	University of Tennessee Knoxville
Sept 2021-May 2022	Scientist I	UAB Comprehensive Transplant Institute
July 2017-Sept 2021	Researcher	UAB Comprehensive Transplant Institute
Aug 2014-July 2017	Data Collection Coordinator	UAB Comprehensive Transplant Institute
June 2014-Aug 2014	Outcomes Research Intern	UAB Comprehensive Transplant Institute
Jan 2014-April 2014	Intern	UAB Comprehensive Cancer Center

EDITORIAL BOARD MEMBERSHIPS:

N/A

Reviewer Position:

2017-Present	Ad Hoc reviewer, <i>Transplantation</i>
2018-Present	Ad Hoc reviewer, <i>Nephrology Dialysis Transplantation</i>
2018-Present	Ad Hoc reviewer, <i>American Journal of Transplantation</i>
2018-Present	Ad Hoc reviewer, <i>Transplant Infectious Diseases</i>
2020-Present	Ad Hoc reviewer, <i>Clinical Transplantation</i>
2022-Present	Ad Hoc reviewer, <i>HIV/AIDS Research and Palliative Care</i>
2022-Present	Ad Hoc reviewer, <i>BMC Infectious Disease</i>
2024	Reviewer, NIH, Population and Public Health Approaches to HIV/AIDS (PPAH)

TEACHING EXPERIENCE:

2016	Management Concepts in Public Health Programs (graduate)
2017	Health Economics (graduate)
2019	Research Methods and Study Design for Surgical Research- Cape Town, South Africa (post-graduate)
2020	Longitudinal and Survival Analyses for Surgical Residents (post-graduate)
2022-present	Global Health (undergraduate)
2023-present	Financial Management of Health Care Programs (graduate)
2023-present	Comparative Health Care Systems (undergraduate)

Mentorship

2017-2019	Margaux Mustian, surgical resident
2017	Mitch Hungerpillar, undergraduate student
2018	Gideon Berdahl, pharmacy student
2020	Akshay Aluri, medical student
2019-2022	Cozette Killian, surgical resident
2021-current	Christopher Woods, MSPH student
2022-current	Aimee Pehrson, PhD candidate
2023-current	Lana Shea, undergraduate honors student
2023-current	Gracie Champas, undergraduate honors student
2023-current	Ellen Oakes, MPH student
2023-current	Eleanor Mancini, undergraduate student
2023-current	Lily Neville, undergraduate student
2023-current	Abigail Coulter, PhD student
2023-current	Shamatanni Chowdruy, PhD student
2023-current	Danielle Trotter, PhD student
2024-current,	Marie Essary, undergraduate honors student

GRANT SUPPORT:

Under Review:

R21 DK141361	Shelton (PI)	04/01/25-03/31/27
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Patient and Provider Preferences for Treatment of End-stage Kidney Disease among People with HIV. The intent of this application is to elucidate the outcomes of people with HIV who are diagnosed with CKD/ESKD, determine their knowledge of ESKD, and their preferences for treatment.

NIH/NIDDK
\$383,060 total costs
Role: Principal Investigator

R01 MH241090 (PI: Henna Budhwani, PhD)	Shelton (Co-I)	04/01/25-03/31/29
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Effectiveness-implementation trial of the Finding Respect and Ending Stigma around HIV (FRESH) in the Dominican Republic

The intent of this proposal is to compare the effectiveness of an established HIV-stigma reducing intervention with standard clinical care. Dr. Shelton's role in this study is to evaluate the cost-effectiveness of this intervention in comparison to standard-of-care clinical practice.

NIH/NIMH
\$82,000 total costs (UTK)
Role: Co-Investigator

Current Research Support:

UCSF Visiting Professor Program	Shelton (PI)	09/01/23-08/31/24
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A Multi-Level Examination of Barriers to Organ Donation and Transplantation among People with HIV. This award seeks to examine individual, interpersonal, organizational, and societal barriers to organ donation among people with HIV to identify modifiable barriers and transferable facilitators to promote these practices. These data will serve as preliminary data for an R-level NIH grant to be submitted in the fall of 2024.

University of California San Francisco (through NIH/NIAID)
\$20,000 total costs

Role: Principal Investigator

Unfunded Research Proposals:

R01 DK137156 (PI: Brittany Shelton DrPH, Erica Bjornstad MD PhD) 07/01/23-06/30/28

Barriers to and knowledge of Organ Donor registration among LGBTQ+ Young adults (BODILY)

This application intends to quantify the burden of kidney and liver disease among self-identified LGBTQ+ populations, examine access to kidney transplantation for gender minority patients, determine the proportion of LGBTQ+ young adults registered as organ donors, and elucidate barriers and facilitators to organ donation among sexual and gender minority individuals.

NIH/NIDDK

\$1,140,000 total costs

Role: Principal Investigator

Scored but unfunded

R01 MH134270 (PI: Henna Budhwani, PhD) Shelton (Co-I) 07/01/23-06/30/28

2x2 Factorial Randomized Controlled Trial of HIV & Intersectional Stigma Reducing Interventions

Tailored for the Lived Experiences of Black Young Sexual and Gender Minorities in Southern United States

The intent of this proposal is to compare the effectiveness of established interventions designed to reduce HIV-stigma and, consequently, yield improved patient outcomes including reduced HIV viral loads. This study also aims to demonstrate cost-effectiveness of stigma-reducing interventions in comparison to standard-of-care clinical practice.

NIH/NIMH

\$86,426 total costs (UTK)

Role: Co-Investigator

Scored but unfunded

Completed Research Support

Student/Faculty Research Award Shelton/Pehrson (Faculty PI) 12/01/22-06/01/23

Evaluation of the Impact of Social Needs on Type II Diabetes Risk-Factors among Adults Residing on Cozumel Island, Quintana Roo, Mexico.

This application seeks to quantify the association of social determinants of health with Type II Diabetes among adults residing in Cozumel, Mexico. Dr. Shelton is providing mentorship to Ms. Pehrson in quantitative methodologies.

R01 DK117675 Locke (PI) 06/01/20-05/31/25

Genetic, Environmental & Histologic Basis for Kidney Disease Risk among Persons Living with HIV

The intent of this application is to risk stratify persons living with HIV by risk for future development of CKD, to identify those at highest risk who would benefit from early referral for nephrology care and transplant evaluation and lowest risk who could be eligible living kidney donors for persons living with HIV in need of transplant.

NIH/NIDDK

Role: Data Analyst

R01 DK113980 Locke (PI) 12/01/17-11/30/22

CKD Risk Prediction among Obese Living Kidney Donors

Determining candidacy for living donation among obese persons remains challenging as the appropriate BMI cutoff above which donation is no longer safe is unknown. The goal of this study is to inform clinical

decision-making for these individuals by identifying an obese phenotype in whom living kidney donation is safe.

NIH/NIDDK

Role: Research Assistant

K23 DK103918

Locke (PI)

07/15/15-04/30/20

Long-term health outcomes among living kidney donors with isolated medical abnormalities

The goal of this study is to assess the long-term health risks among living kidney donors with isolated medical abnormalities at the time of donation, and to determine how much, if any, of that risk is directly attributable to living kidney donation.

NIH/NIDDK

Role: Research Assistant

UAB Faculty Development Grant

Locke (PI)

08/01/14-09/30/15

Morphomics as risk prediction tools for kidney waitlist mortality

The goal of this study is to use morphometry to develop a novel tool for predicting waitlist mortality among kidney transplant candidates.

University of Alabama Birmingham

Role: Research Assistant

American Society of Transplantation Clinical Faculty Development Grant Locke (PI) 07/01/14-12/31/16

Long-term health outcomes among living kidney donors with isolated medical abnormalities

The goal of this study is to assess the long-term health risks among living kidney donors with isolated medical abnormalities at the time of donation, and to determine how much, if any, of that risk is directly attributable to living kidney donation.

American Society of Transplantation

Role: Research Assistant

BIBLIOGRAPHY:

Published Manuscripts

1. Locke JE, Reed RD, Mehta SG, Durand C, Mannon RB, MacLennan PA, **Shelton B**, Martin MY, Qu H, Shewchuk R, Segev DL. Center-level experience and kidney transplant outcomes in HIV-infected recipients. *American Journal of Transplantation*. 2015;15(8): 2096-2104. PMID: 25773499
2. DuBay DA, MacLennan PA, Reed RD, **Shelton BA**, Redden DT, Fouad M, Martin MY, Gray SH, White JA, Eckhoff DE, Locke JE. Insurance type and solid organ outcomes: A historical perspective on how Medicaid expansion might impact transplant outcomes. *Journal of the American College of Surgeons*. 2016; 223(4): 611-620. PMID: 27457252
3. Crowson CN, Reed RD, **Shelton BA**, MacLennan PA, Locke JE. Lymphocyte-depleting induction therapy lowers the risk of acute rejection in African American pediatric kidney transplant recipients. *Pediatric Transplantation*. 2016;21(1). PMID: 27699934
4. Locke JE, Gustafson S, Mehta S, Reed R, **Shelton B**, MacLennan PA, Durand C, Snyder J, Massie A, Sawinski D, Segev DL. Survival benefit of kidney transplantation in HIV-infected patients. *Annals of Surgery*. 2017 Mar; 265(3):604-608. PMID: 27768622
5. Locke JE, **Shelton B**, Reed RD, MacLennan PA, Mehta S, Sawinski D, Segev DL. Identification of optimal donor-recipient combinations among HIV+ kidney transplant recipients. *American Journal of Transplantation*. 2016;16(8):2377-83. PMID: 27140837

6. **Shelton BA**, Mehta S, Sawinski D, Reed RD, MacLennan PA, Gustafson S, Segev DL, Locke JE. Increased Mortality and Graft Loss with Kidney Retransplantation Among Human Immunodeficiency Virus (HIV)-Infected Recipients. *American Journal of Transplantation*. 2017; 17(1): 173-179. PMID: 27305590
7. Locke JE, Mehta S, Sawinski D, Gustafson S, **Shelton BA**, Reed RD, MacLennan P, Bolch C, Durand C, Massie A, Mannon RB, Gaston R, Saag M, Overton T, Segev DL (2016). Access to kidney transplantation among HIV-infected waitlist candidates. *Clinical Journal of the American Society of Nephrology*. 2017;12(3):467-475. PMID: 28232406.
8. Locke JE, Sawinski D, Reed RD, **Shelton BA**, MacLennan P, Kumar V, Mehta S, Mannon RB, Gaston R, Julian BA, Carr JJ, Terry JG, Kilgore M, Massie AB, Segev DL, Lewis CE. Apolipoprotein L1 and Chronic Kidney Disease Risk in Young Potential Living Kidney Donors. *Annals of Surgery*. 2018 June;267(6):1161-1168. PMID: 28187045.
9. Reed RD, **Shelton BA**, MacLennan PA, Sawinski D, Locke JE. Living Kidney Donor Phenotype and Likelihood of Postdonation Follow-up. *Transplantation*. PMID: 28787311
10. Cohen JB, Eddinger KC, **Shelton B**, Locke JE, Forde KA, Sawinski D. Effect of kidney donor hepatitis C virus serostatus on renal transplant recipient and allograft outcomes. *Clinical Kidney Journal*. 2017;10(4): 564–572. PMID: 28852496
11. **Shelton BA**, Sawinski D, Mehta S, Reed RD, MacLennan PA, Gustafson S, Segev DL, Locke JE. Impact of Protease Inhibitor-Based Antiretroviral Therapy on Outcomes for HIV+ Kidney Transplant Recipients. *American Journal of Transplantation*. 2017 Dec; 17(12):3114-3112. PMID: 28696079.
12. **Shelton BA**, Sawinski D, Locke JE. RE: HIV Protease Inhibitors and Mortality Following Kidney Transplantation. *American Journal of Transplantation*. 2017; 17(12):3114-3122. PMID: 28696079
13. **Shelton BA**, Sawinski D, Mehta S, Reed RD, MacLennan PA, Locke JE. Kidney Transplantation and Waitlist Mortality among HCV+ Waitlist Candidates. *Transplant Infectious Disease*. 2018. Apr;20(2): e12829. doi: 10.1111/tid.12829. Epub 2018 Jan 25. PMID: 29277956.
14. **Shelton BA**, Sawinski D, Ray C, Reed RD, MacLennan PA, Blackburn J, Young CJ, Gray S, Yanik M, Massie A, Segev DL, Locke JE. Decreasing deceased donor transplant rates among children (≤ 6 years) under the new kidney allocation system. *American Journal of Transplantation*. 2018 Jul;18(7):1690-1698. doi: 10.1111/ajt.14663. Epub 2018 Feb 7. PMID: 29333639
15. Mustian M, Cannon RM, MacLennan PA, Reed RD, **Shelton BA**, McWilliams DM, Deierhoi MH, Locke JE. Landscape of ABO Incompatible Live Donor Kidney Transplantation in the United States. *Journal of the American College of Surgeons*. 2018 Apr;226(4):615-621. doi: 10.1016/j.jamcollsurg.2017.12.026. Epub 2018 Jan 5. PMID: 29309944; PMCID: PMC5869103.
16. **Shelton BA**, Sawinski D, Locke JE. Response to: Regarding “HIV protease inhibitors and mortality following kidney transplantation.” *American Journal of Transplantation*. 2018; Jun;18(6):1571. doi: 10.1111/ajt.14688. Epub 2018 Mar 5. PMID: 29419939.
17. Reed RD, Sawinski D, **Shelton BA**, MacLennan P, Hanaway M, Kumar V, Long D, Gaston R, Kilgore M, Julian B, Lewis C, Locke J. Population Health, Ethnicity and Rate of Living Donor Kidney Transplantation, *Transplantation*, 2018 Dec;102(12):2080-2087. doi: 10.1097/TP.0000000000002286. PMID: 29787519; PMCID: PMC6249044.
18. Young CJ, MacLennan PA, Mannon EC, Reed RD, **Shelton BA**, Hanaway MJ, Agarwal G, Gaston RS, Julain BA, Kew CE, Kumar V, Mannon RB, Mehta S, Ong SC, Towns GC, Deierhoi MH, Locke J. Redefining the influence of ethnicity on simultaneous kidney and pancreas transplantation outcomes: a 15-year single-center experience. *Annals of Surgery*. 2020 Jan;271(1):177-183. doi: 10.1097/SLA.0000000000002816. PMID: 29781845.

19. **Shelton BA**, Sawinski D, Linas BP, Reese PR, Mustian M, Reed RD, MacLennan PA, Locke JE. Population level outcomes and cost-effectiveness of Hepatitis C treatment pre- versus post-kidney transplant. *American Journal of Transplantation*. 2018 Oct; 18(10):2483-2495.
20. Locke JE, Reed RD, Massie A, MacLennan PA, Sawinski D, Kumar V, Snyder J, **Shelton BA**, Mustian M, Lewis CE, Segev DL. Obesity and Long-Term Mortality Risk among Living Kidney Donors. *Surgery*. 2019 Aug;166(2):205-208. doi: 10.1016/j.surg.2019.03.016. Epub 2019 May 7. PMID: 31072668; PMCID: PMC6660998.
21. **Shelton BA**, McWilliams D, Reed RD, MacLennan PA, Mustian MN, Sawinski D, Kumar V, Ong S, Locke JE. Increasing Obesity Prevalence in the United States End-stage Renal Disease Population. *Health Science and Education*.
22. Mustian MN, **Shelton BA**, MacLennan PA, Reed RD, White JA, Eckhoff DE, Locke JE, Allman RM, Gray SH. Ethnic and age disparities in outcomes among liver transplant waitlist candidates. *Transplantation*. 2019 Jul;103(7):1425-1432. doi: 10.1097/TP.0000000000002523. PMID: 30418427; PMCID: PMC6509018.
23. Cohen JB, Locke JE, **Shelton B**, Reed RD, Mustian M, MacLennan P, Forde KA, Reese PP, Sawinski D. Disparity in access to kidney allograft offers among transplant candidates with human immunodeficiency virus. *Clinical Transplant*. 2019 Feb; 33(2): e13466.
24. **Shelton BA**, Sawinski D, Linas BP, Reese PR, Mustian M, Reed RD, MacLennan PA, Locke JE. Optimal timing of hepatitis C treatment among HIV/HCV coinfecting ESRD patients: pre-vs. post-transplant. *American Journal of Transplantation*. 2019 June; 19(6): 1806-1819.
25. **Shelton BA**, Locke JE. Response to: "It is time to revise the kidney allocation system to restore the pediatric advantage." *American Journal of Transplantation*. 2018; [Epub ahead of print]. PMID: 29762906.
26. Mustian, M. N., Hanaway, M., Kumar, V., Reed, R. D., **Shelton, B. A.**, Grant, R., Carter, A., Locke, J. E. (2019). Patient Perspectives on Weight Management for Living Kidney Donation. *The Journal of surgical research*, 244, 50–56. PMID: 31279263.
27. Mustian MN, Kumar V, Hanaway M, MacLennan PA, **Shelton BA**, Reed RD, Correya T, Grant R, Carter A, Baker G, Patterson J, Peoples M, Holden S, Orandi BJ, Locke JE. Donation approval among obese living kidney donor candidates: The impact of metabolic syndrome. *Surgery*. 2019 Nov;166(5):940-946. doi: 10.1016/j.surg.2019.07.008. Epub 2019 Aug 20. PMID: 31444005; PMCID: PMC6802288.
28. Mustian MN, Kumar V, Stegner K, Mompoin-Williams D, Hanaway M, Deierhoi MH, Young C, Orandi BJ, Anderson D, MacLennan PA, Reed RD, **Shelton BA**, Eckhoff D, Locke JE. Mitigating Racial and Sex Disparities in Access to Living Donor Kidney Transplantation: Impact of the Nation's Longest Single-center Kidney Chain. *Annals of Surgery*. 2019 Oct;270(4):639-646. doi: 10.1097/SLA.0000000000003484. PMID: 31348035; PMCID: PMC6788625.
29. Reed RD, MacLennan PA, **Shelton BA**, Mustian MN, Blackburn J, Sawinski D, Locke JE. Center Variation and Risk Factors for Failure to Complete Six-Month Post-Donation Follow-up among Obese Living Kidney Donors. *Transplantation*. 2019 Jul;103(7):1450-1456. doi: 10.1097/TP.0000000000002508. PMID: 31241556; PMCID: PMC6597173.
30. Locke JE, Reed RD, Kumar V, Berry B, Hendricks D, Carter A, **Shelton BA**, Mustian MN, MacLennan PA, Qu H, Hannon L, Yates C, Hanaway MJ. Enhanced Advocacy and Health Systems Training Through Patient Navigation Increases Access to Living-donor Kidney Transplantation. *Transplantation*. 2020 Jan;104(1):122-129. doi: 10.1097/TP.0000000000002732. PMID: 30946213; PMCID: PMC6773517.
31. Reed RD, **Shelton BA**, Mustian MN, MacLennan PA, Sawinski D, Locke JE. Geographic Differences in Population Health and Organ Supply in Gulf States Compared to Non-Gulf States.

Transplantation. 2020 Feb;104(2):421-427. doi: 10.1097/TP.0000000000002831. PMID: 32004235; PMCID: PMC7000133.

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33. Locke JE, **Shelton BA**, Olthoff K, Pomfret E, Forde KA, Sawinski D, Gray M, Ascher N. Quantifying Gender-Based Disparities in Liver Allocation: A Path Forward. *JAMA Surgery*. 2020 Jul 1;155(7):e201129. doi: 10.1001/jamasurg.2020.1129. Epub 2020 Jul 15. PMID: 32432699; PMCID: PMC7240642.
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35. Locke JE, Reed RD, Kumar V, Berry B, Hendricks D, Carter A, **Shelton BA**, Mustian MN, MacLennan PA, Qu H, Hannon L, Yates C, Hanaway MJ. Enhanced Advocacy and Health Systems Training Through Patient Navigation Increases Access to Living-donor Kidney Transplantation. *Transplantation*. 2020 Jan;104(1):122-129. doi: 10.1097/TP.0000000000002732. PMID: 30946213; PMCID: PMC6773517.
36. Locke JE, **Shelton BA**, Orandi B, Olthoff K, Pomfret E, Forde KA, Sawinski D, Gray M, Ascher N. Obesity is a risk factor for progression to kidney transplant waitlisting after liver transplantation. *Clinical Transplantation*. 2021 Jul;35(7): e43127. PMID: 33866616.
37. Killian AC, **Shelton BA**, MacLennan P, McLeod CM, Carter A, Reed R, Qu H, Orandi B, Kumar V, Sawinski D, Locke JE. Racial disparities in living donor kidney transplant persist independent of community vulnerability. *JAMA Surgery*. 2021 Sep 15. PMID: 34524392.
38. Woods C, Owens G, **Shelton BA**, MacLennan PA, Sawinski D, Jacobson J, Locke JE. Efficacy of hope: Analysis of organ quality and availability among deceased HIV-positive donors. *Transpl Infect Dis*. 2022 Jul 29: e13916. doi: 10.1111/tid.13916. Epub ahead of print. PMID: 35904220.
39. Killian AC, Carter AJ, Reed RD, **Shelton BA**, Qu H, McLeod MC, Orandi BJ, Cannon RM, Anderson D, MacLennan PA, Kumar V, Hanaway M, Locke JE. Greater community vulnerability is associated with poor living donor navigator program fidelity. *Surgery*. 2022 Sep;172(3):997-1004. doi: 10.1016/j.surg.2022.04.033. Epub 2022 Jul 10. PMID: 35831221.
40. Orandi BJ, Kumar V, Reed RD, MacLennan PA, **Shelton BA**, McLeod C, Locke JE. Reclassification of CKD in living kidney donors with the refitted race-free eGFR formula. *Am J Surg*. 2022 Sep 21: S0002-9610(22)00571-2. doi: 10.1016/j.amjsurg.2022.09.024. Epub ahead of print. PMID: 36167624.
41. **Shelton BA**, Sawinski D, MacLennan PA, Lee W, Wyatt C, Nadkarni G, Fatima H, Mehta S, Crane HM, Porrett P, Julian B, Moore RD, Christopoulos K, Jacobson JM, Muller E, Eron JJ, Saag M, Peter I, Locke JE. Associations between female birth sex and risk of chronic kidney disease development among people with HIV in the USA: A longitudinal, multicentre, cohort study. *EClinicalMedicine*. 2022 Sep 17; 53:101653. doi: 10.1016/j.eclinm.2022.101653. PMID: 36159042; PMCID: PMC9489495.
42. **Shelton BA**, Locke JE. A Sex-Adjusted Model for End-Stage Liver Disease Sodium Score for Equality in Liver Transplant. *JAMA Surg*. 2022 Jul 1;157(7):627. doi: 10.1001/jamasurg.2022.1549. PMID: 35583899.

43. **Shelton BA**, MacLennan PA, Becker DJ, Sen B, Budhwani H, Locke JE. Access to the Kidney Transplant Waitlist for People With HIV. *Transplantation*. 2023 May 1;107(5):e156-e157. doi: 10.1097/TP.0000000000004549. Epub 2023 Apr 25. PMID: 37097982; PMCID: PMC10125120.
44. Tran P, **Shelton B**, Tran L. Estimates of short sleep duration among US rural and urban women with prediabetes. *PLoS One*. 2023 Apr 6;18(4):e0284304. doi: 10.1371/journal.pone.0284304. PMID: 37023138; PMCID: PMC10079092.
45. Dubé K, **Shelton B**, Patel H, Ndukwe SO, Concha-Garcia S, Dullano C, Solso S, Hendrickx S, Kaytes A, Taylor J, Villa TJ, Little SJ, Riggs PK, Lessard D, Arora AK, Costiniuk CT, Eskaf S, Smith DM, Gianella S. Perceived risks and benefits of enrolling people with HIV at the end of life in cure research in Southern California, United States. *J Virus Erad*. 2023 Jun 5;9(2):100328. doi: 10.1016/j.jve.2023.100328. PMID: 37440872; PMCID: PMC10334343.
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47. **Shelton BA**, Sen B, Becker DJ, MacLennan PA, Budhwani H, Locke JE. Quantifying the association of individual-level characteristics with disparities in kidney transplant waitlist addition among people with HIV. *AIDS*. 2023 Dec 14. doi: 10.1097/QAD.0000000000003817. Epub ahead of print. PMID: 38100633.
48. Ndukwe SO, Patel H, **Shelton B**, Concha-Garcia S, Dullano C, Solso S, Hendrickx S, Riggs PK, Villa TJ, Kaytes A, Taylor J, Little SJ, Lessard D, Arora AK, Costiniuk CT, Eskaf S, Smith DM, Gianella S, Dubé K. People with HIV at the end-of-life and their next-of-kin/loved ones are willing to participate in interventional HIV cure-related research. *AIDS*. 2024 Feb 1;38(2):235-243. doi: 10.1097/QAD.0000000000003754. Epub 2023 Oct 17. PMID: 37861674; PMCID: PMC10842373.
49. **Shelton BA**, Sawinski D, Peter I, MacLennan PA, Pelletier NF, Nadkarni G, Julian B, Saag M, Fatima H, Crane H, Lee W, Moore RD, Christopoulos K, Jacobson JM, Eron JJ, Kumar V, Locke JE. African American/Black race, apolipoprotein L1 , and serum creatinine among persons with HIV. *AIDS*. 2023 Dec 1;37(15):2349-2357. doi: 10.1097/QAD.0000000000003708. Epub 2023 Aug 30. PMID: 37650767; PMCID: PMC10843645.

Manuscripts in Press

1. **Shelton BA**, Mancini E, Oakes E, Neville L, He Z, Budhwani H. Association of HIV Criminalization Laws with Transplant Education for People with HIV. *AIDS and Behavior*. In Press.

Submitted Manuscripts

2. Tran P, **Shelton BA**, Jabson-Tree, J. Secondary cardiovascular disease prevention among LGBT adults. *BMC Public Health*. Under Review.
3. Oakes E, Mancini E, Neville L, Tran P, **Shelton BA**. Neighborhood-level poverty and mortality on dialysis in the southern United States. *Annals of Epidemiology*. Under Review.
4. Vulesevic B, Lu J, Lauscher D, **Shelton BA**, Dubé D, Routy J, Berini C, Costiniuk CT. Awareness and Willingness Regarding Organ Donation among People Living with HIV in Canada. *AIDS*. Under Review.
5. **Shelton BA**, Ibrahim Y, Lancaster J, Budhwani B. Trusted sources of health information among young men sexual and gender minority males in the southern United States. Under Review. *BMC Primary Care*.
6. **Shelton BA**, Ibrahim Y, Lancaster J, Budhwani B. Correlates of HIV and STI Knowledge among young sexual and gender minority males in the southern United States. Under Review. *Scientific Reports*.

In-preparation Manuscripts

Review Articles

N/A

Book Chapters

1. Reed RD, **Shelton BA**, Locke JE. The Immunocompromised Surgical Patient. In ACS Surgery. Ashley SW; Decker Intellectual Properties, Hamilton, ON, Canada 2015.

Published Abstracts:

1. **Shelton B**, MacLennan P, Reed R, Sonnier D, Hanaway M, Goodman J, Young C, Deierhoi M, Locke JE. Center volume is associated with early graft failure after living donor kidney transplantation. *American Journal of Transplantation*. 2015;15(S1).
2. Reed R, MacLennan P, **Shelton B**, Sonnier D, Hanaway M, Goodman J, Young C, Deierhoi M, Locke JE. Outcomes after right kidney living donor transplant are associated with center volume. *American Journal of Transplantation*. 2015;15(S1).
3. Locke JE, Gustafson S, Durand C, Snyder J, **Shelton BA**, Reed RD, MacLennan P, Mehta S, Nellore A, Segev D. Geographic differences in HIV+ kidney transplant waitlist characteristics. *American Journal of Transplantation*. 2015;15(S3).
4. Durand C, Gustafson S, Locke JE, Snyder J, **Shelton BA**, Reed RD, MacLennan PA, Mehta S, Nellore A, Segev D. Survival benefit of liver transplant among HIV+ waitlist candidates. *American Journal of Transplantation*. 2015; 15(S3).
5. Locke J, Gustafson S, Durand C, Snyder J, **Shelton B**, Reed R, MacLennan P, Mehta S, Nellore A, Segev D. Racial differences in transplant and waitlist mortality rates among HIV+ kidney transplant candidates. *American Journal of Transplantation*. 2015;15(S3).
6. Durand C, Gustafson S, Locke JE, Snyder J, **Shelton BA**, Reed RD, MacLennan PA, Mehta S, Nellore A, Segev D. Changing demographics of HIV+ liver transplant candidates. *American Journal of Transplantation*. 2015;15(S3).
7. Locke JE, Reed RD, Mehta S, Durand C, Mannon R, MacLennan PA, **Shelton BA**, Martin M, Qu H, Shewchuck R, Segev D. Center level experience and kidney transplant outcomes in HIV-infected recipients. *American Journal of Transplantation*. 2015;15(S3).
8. Locke JE, Gustafson S, Durand C, Snyder J, **Shelton BA**, Reed RD, MacLennan P, Mehta S, Nellore A, Segev D. Survival benefit of kidney transplant among HIV+ waitlist candidates. *American Journal of Transplantation*. 2015;15(S3).
9. Loyaga-Rendon R, **Shelton B**, Reed R, Tallaj J, Diaz-Guzman D, Heresi G, Locke JE. Epidemiologic change in pulmonary hypertension patients referred for lung transplantation post lung allocation score implementation. *American Journal of Transplantation*. 2015;15(S3).
10. **Shelton B**, MacLennan P, Reed R, Sonnier D, Hanaway M, Goodman J, Young C, Deierhoi M, Locke JE. Center volume is associated with early graft failure after living donor kidney transplantation. *American Journal of Transplantation*. 2015;15(S3).
11. Reed R, MacLennan P, **Shelton B**, Sonnier D, Hanaway M, Goodman J, Young C, Deierhoi M, Locke JE. Outcomes after right kidney living donor transplant are associated with center volume. *American Journal of Transplantation*. 2015;15(S3).
12. Smith B, **Shelton B**, Reed R, Momipont-Williams D, Fatima H, Kumar V, Locke JE. Eculizumab for treatment of antibody mediated rejection- clinical and cost effectiveness. *American Journal of Transplantation*. 2016;16(S1).

13. Crowson C, Reed R, **Shelton B**, MacLennan P, Locke JE. Lymphocyte-depleting induction therapy lowers the risk of acute rejection in African American pediatric kidney transplant recipients. *American Journal of Transplantation*. 2016;16(S1).
14. Ray C, Reed RD, **Shelton B**, MacLennan P, Locke J. Impact of deceased donor allocation changes on outcomes among pediatric kidney transplant recipients. *American Journal of Transplantation*. 2016;16(S1).
15. Locke J, **Shelton B**, Reed R, Mehta S, Segev D. Strategies for improving outcomes among high-risk HIV+ kidney transplant recipients. *American Journal of Transplantation*. 2016;16(S1).
16. **Shelton B**, Mehta S, Sawinski D, Reed R, MacLennan P, Gustafson S, Durand C, Segev D, Locke JE. Kidney retransplantation is associated with higher mortality risk among HIV+ vs. HIV- recipients. *American Journal of Transplantation*. 2016;16(S3).
17. Massie A, Durand C, Locke JE, Reed R, **Shelton B**, Cameron A, Segev D. Survival benefit of liver transplantation in HIV+ candidates. *American Journal of Transplantation*. 2017;17(S2).
18. **Shelton BA**, Ray C, Sawinski D, Reed RD, MacLennan PA, Locke JE. Stable deceased donor transplantation rates among pediatric candidates post-KAS implementation. *American Journal of Transplantation*. 2017;17(S3).
19. **Shelton BA**, Sawinski D, Mehta S, Reed RD, MacLennan PA, Locke JE. HCV+ waitlist candidates more likely to die waiting for kidney transplant from HCV- donor. *American Journal of Transplantation*. 2017;17(S3).
20. **Shelton BA**, Sawinski D, Reed RD, MacLennan PA, Mehta S, Locke JE. Protease inhibitor-based regimens are associated with inferior outcomes in HIV-infected kidney transplant recipients. *American Journal of Transplantation*. 2017;17(S3).
21. Reed RD, **Shelton BA**, MacLennan PA, Hanaway M, Kumar V, Gaston R, Locke JE (2017). Lower rates of living donation among transplant centers located in the Stroke Belt. *American Journal of Transplantation*. 2017;17(S3).
22. Reed RD, **Shelton BA**, MacLennan PA, Hanaway M, Kumar V, Gaston R, Locke JE (2017). State population health and center-level variation in rate of living kidney donation. *American Journal of Transplantation*. 2017;17(S3).
23. **Shelton B**, MacLennan P, Reed R, Mustian M, McWilliams D, Sawinski D, Locke J. Increasing obesity prevalence in the United States pediatric end-stage renal disease population. *Am J Transplant*. 2017; 17 (suppl 3).
24. **Shelton B**, MacLennan P, Reed R, Mustian M, McWilliams D, Sawinski D, Locke J. Increasing obesity prevalence in the United States end-stage renal disease population. *Am J Transplant*. 2017; 17 (suppl 3).
25. Cohen J, Locke J, **Shelton B**, Reed R, MacLennan P, Sawinski D. Disparity in access to kidney allograft offers among HIV+ transplant candidates. *Am J Transplant*. 2017; 17 (suppl 3).
26. Reed R, MacLennan P, **Shelton B**, Mustian M, McWilliams D, Sawinski D, Locke J. Risk Factors for Failure to Complete Post-Donation Follow-Up among Obese Living Kidney Donors. *Am J Transplant*. 2017; 17 (suppl 3).
27. Reed R, MacLennan P, **Shelton B**, Mustian M, McWilliams D, Blackburn J, Sawinski D, Locke J. Center Variation in Six-Month Post-Donation Follow-Up of Obese Living Kidney Donors. *Am J Transplant*. 2017; 17 (suppl 3).
28. Shaffer A, Thomas A, Massie A, Gustafson S, Snyder J, **Shelton B**, Reed R, Locke J, Segev D, Durand C. Waitlist Outcomes and Access to Liver Transplantation for HIV+ Candidates. *Am J Transplant*. 2017; 17 (suppl 3).
29. Cohen J, Locke JE, **Shelton BA**, Reed RD, MacLennan PA, Sawinski D. Disparity in Access to Kidney Allograft Offers among HIV+ Transplant Candidates. *Am J Transplant*. 2018; 17(suppl 3).

30. Reed RD, MacLennan PA, **Shelton BA**, Mustian MN, McWilliams D, Blackburn J, Sawinski D, Locke JE. Center Variation in Six-Month Post-Donation Follow-up of Obese Living Kidney Donors. *Am J Transplant*. 2018; 17(suppl 3).
31. Reed RD, Massie A, Sawinski D, MacLennan PA, **Shelton BA**, Mustian MN, McWilliams D, Kumar V, Mannon R, Gaston R, Segev D, Lewis CE, Locke JE. Obesity is Associated with Increased Risk of Mortality among Living Kidney Donors. *Am J Transplant* 2018; 17(suppl 3).
32. **Shelton BA**, MacLennan PA, Reed RD, Mustian MN, McWilliams D, Sawinski D, Locke JE. Increasing Obesity and Diabetes Prevalence in the United States End-Stage Renal Disease Population. *Am J Transplant*. 2018; 17(suppl 3).
33. Mustian MN, Gray S, **Shelton BA**, Reed RD, MacLennan PA, White J, Eckhoff D, Allman R, Locke JE. Ethnic and Age Disparities in Outcomes among Liver Transplant Waitlist Candidates. *Am J Transplant*. 2018; 17(suppl 3).
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35. Mustian MN, **Shelton BA**, MacLennan PA, Reed RD, McGwin G, Orandi BJ, Sawinski D, Kumar V, Locke JE. Pre-emptive Kidney Transplantation: Is There a Role for ABO Incompatible Transplantation? *Am J Transplant*. 2019; 17(suppl 3).
36. **Shelton BA**, Berdhal G, Sawinski D, Linas B, Reese P, Mustian MN, Reed RD, MacLennan PA, Locke JE. Optimal Timing of Hepatitis C Treatment among HIV/HCV Co-Infected End-Stage Renal Disease Patients: Pre vs. Post-Transplant. *Am J Transplant*. 2019; 17(suppl 3).
37. Anderson, Qu H, MacLennan PA, Mustian MN, Reed RD, Kale AC, Orandi B, **Shelton BA**, Kumar V, Locke JE, Hanaway M. Waitlist-Conditioned Transplant Rate is Not an Appropriate Metric for Benchmarking Access to Kidney Transplantation. *Am J Transplant* 2020; 20(suppl 3).
38. Grant RL, **Shelton BA**, MacLennan PA, Reed RD, Cannon RM, Orandi BJ, Eckhoff DE, Locke JE. Flagging of Transplant Centers Associated with Increased Waitlist Mortality among Liver Candidates. *Am J Transplant* 2020; 20(suppl 3).
39. **Shelton BA**, Olthoff K, Pomfret E, Forde KA, Sawinski D, Gray M, Ascher N, Locke JE. Quantifying Gender-Based Disparities in Liver Allocation: A Path Forward. *Am J Transplant* 2020; 20(suppl3).
40. **Shelton BA**, Mancini E, Oakes E, Neville L, He Z, Budhwani H. Association of HIV Criminalization Laws with Transplant Education for People with HIV. *Annals of Behavior* 2024; 50(suppl 1).

Poster Exhibits

1. Reed RD, MacLennan PA, **Shelton B**, Sonnier D, Hanaway M, Goodman J, Young C, Deierhoi M, Locke JE. Outcomes after right kidney living donor transplant are associated with center volume. American Society of Transplant Surgeons Winter Symposium 2015; Miami, FL.
2. **Shelton B**, MacLennan PA, Reed RD, Sonnier D, Hanaway M, Goodman J, Young C, Deierhoi M, Locke JE. Center volume is associated with early graft failure after living donor kidney transplantation. American Society of Transplant Surgeons Winter Symposium 2015; Miami, FL.
3. Locke JE, Reed RD, Mehta SG, Durand C, Mannon RB, MacLennan PA, **Shelton B**, Martin MY, Qu H, Shewchuk R, Segev DL. Center-level experience and kidney transplant outcomes in HIV-infected recipients. American Society of Transplant Surgeons Winter Symposium 2015; Miami, FL.
4. Loyaga-Rendon R, **Shelton B**, Reed R, Tallaj E, Diaz-Guzman E, Heresi G, Locke JE. Epidemiologic change in pulmonary hypertension patients referred for lung transplantation post lung allocation score implementation. American Transplant Congress 2015; Philadelphia, PA.

5. Locke JE, Gustafson S, Durand C, Snyder J, **Shelton B**, Reed R, MacLennan P, Mehta S, Nellore A, Segev DL. Racial differences in transplant and waitlist mortality rates among HIV+ kidney transplant candidates. American Transplant Congress 2015; Philadelphia, PA.
6. Durand C, Gustafson S, Locke JE, Snyder J, **Shelton B**, Reed R, MacLennan P, Mehta S, Nellore A, Segev DL. Changing demographics of HIV+ liver transplant candidates. American Transplant Congress 2015; Philadelphia, PA.
7. Durand C, Gustafson S, Locke JE, Snyder J, **Shelton B**, Reed R, MacLennan P, Mehta S, Nellore A, Segev DL. Survival benefit of liver transplant among HIV+ waitlist candidates. American Transplant Congress 2015; Philadelphia, PA.
8. Locke JE, Gustafson S, Durand C, Snyder J, **Shelton B**, Reed R, MacLennan P, Mehta S, Nellore A, Segev DL. Geographic differences in HIV+ kidney transplant waitlist characteristics. American Transplant Congress 2015; Philadelphia, PA.
9. Locke J, **Shelton B**, Reed R, Mehta S, Segev D. Strategies for improving outcomes among high risk HIV+ kidney transplant recipients. American Society of Transplant Surgeons Winter Symposium 2016; Miami, FL.
10. Crowson C, Reed R, **Shelton B**, MacLennan P, Locke J. Lymphocyte-depleting induction therapy lowers the risk of acute rejection in African American pediatric kidney transplant recipients. American Society of Transplant Surgeons Winter Symposium 2016; Miami, FL.
11. Reed RD, **Shelton BA**, MacLennan PA, Hanaway M, Kumar V, Gaston R, Locke JE. Lower Rates of Living Donation among Transplant Centers Located in the Stroke Belt. American Transplant Congress 2017; Chicago, IL.
12. Reed RD, **Shelton BA**, McWilliams D, Mustian MN, MacLennan PA, Sawinski D, Locke JL. Geographic Disparities in Rates of End-Stage Renal Disease and Organ Supply in Gulf States Compared to Non-Gulf States. American Heart Association Epi Lifestyle Scientific Sessions 2018, New Orleans, LA.
13. Reed R, MacLennan P, **Shelton B**, Mustian M, McWilliams D, Sawinski D, Locke J. Risk Factors for Failure to Complete Post-Donation Follow-Up among Obese Living Kidney Donors. American Transplant Congress 2018, Seattle, WA.
14. Reed R, Massie A, Sawinski D, MacLennan P, **Shelton B**, Mustian M, McWilliams D, Kumar V, Mannon R, Gaston R, Segev D, Lewis C, Locke J. Obesity is associated with increased risk of mortality among living kidney donors. American Transplant Congress 2018, Seattle, WA.
15. **Shelton B**, McWilliams D, MacLennan P, Reed R, Mustian M, Sawinski D, Locke J. Increasing Obesity and Diabetes Prevalence in the United States End-Stage Renal Disease Population. American Transplant Congress 2018, Seattle, WA.
16. **Shelton B**, McWilliams D, MacLennan P, Reed R, Mustian M, Sawinski D, Locke J. Increasing Obesity in the United States Pediatric End-Stage Renal Disease Population. American Transplant Congress 2018, Seattle, WA.
17. **Shelton B**, McWilliams D, MacLennan P, Reed R, Mustian M, Sawinski D, Locke J. Increasing Obesity and Diabetes Prevalence in the United States End-Stage Renal Disease Population. International Congress of the Transplantation Society 2018, Madrid, Spain.
18. **Shelton B**, Orandi B, Olthoff K, Pomfret E, Forde K, Sawinski D, Gray M, Ascher N, Locke J. Obesity is a Risk Factor for Progression to Kidney Transplant Waitlisting After Liver Transplantation. American Transplant Congress 2020, Virtual.
19. Killian AC, McLeod MC, **Shelton B**, Reed RD, MacLennan P, Qu H, Orandi BJ, Kumar V, Sawinski D, Cannon RM, Anderson DJ, Hanaway MJ, Locke JE. Living Donor Kidney Transplantation Racial Disparities Persist Independent of Social Vulnerability. American Transplant Congress 2020, Virtual.

20. Carter A, Kale AC, Reed RD, **Shelton BA**, Qu H, McLeod MC, Orandi BJ, Cannon RM, Anderson D, MacLennan P, Kumar V, Hanaway M, Locke JE. Greater Social Vulnerability is Associated with Self-advocacy in the Living Donor Navigator Program. American Transplant Congress 2020, Virtual.
21. Killian AC, McLeod MC, **Shelton B**, Reed RD, MacLennan P, Qu H, Orandi BJ, Sawinski D, Locke JE. Black Transplant Recipients Reside in the Most Socially Vulnerable Communities. American Transplant Congress 2020, Virtual.
22. **Shelton BA**, MacLennan PA, Becker DJ, Sen B, Locke JE, Budhwani H. Decreased Access to Kidney Transplant Waitlist Among Persons Living With HIV. Society of Behavioral Medicine Annual Meeting, Baltimore, MD. April 6-9, 2022.

Oral Presentations:

1. **Shelton BA**, Mehta S, Sawinski D, Reed R, MacLennan P, Gustafson S, Durand C, Segev D, Locke JE. "Kidney retransplantation is associated with higher mortality risk among HIV+ vs. HIV-recipients." American Transplant Congress. Philadelphia, PA. June 2016.
2. **Shelton BA**, Sawinski D, Reed RD, MacLennan PA, Mehta S, Locke JE. "Protease Inhibitor-Based Regimens are Associated with Inferior Outcomes in HIV-Infected Kidney Transplant Recipients." American Transplant Congress. Chicago, IL. April 2017.
3. **Shelton BA**, Sawinski D, Mehta S, Reed RD, MacLennan PA, Locke JE. "HCV+ Waitlist Candidates More Likely to Die Waiting for Kidney Transplant from HCV- Donor." American Transplant Congress. Chicago, IL. April 2017.
4. **Shelton BA**, Ray C, Sawinski D, Reed RD, MacLennan PA, Locke JE. "Stable Deceased Donor Transplantation Rates among Pediatric Candidates Post-KAS Implementation." American Transplant Congress. Chicago, IL. April 2017.
5. **Shelton BA**, Sawinski D, Linas BP, Reese PR, Mustian M, Reed RD, MacLennan PA, Locke JE. Optimal timing of hepatitis C treatment among HIV/HCV coinfecting ESRD patients: pre-vs. post-transplant. American Transplant Congress. Boston, MA. June 2019.
6. **Shelton BA**, Olthoff K, Pomfret E, Forde KA, Sawinski D, Gray M, Ascher N, Locke JE. Quantifying Gender-Based Disparities in Liver Allocation: A Path Forward. American Transplant Congress. Virtual. 2020.
7. **Shelton BA**, Tran P, Jabson-Tree, J. Secondary cardiovascular disease prevention among LGBT adults. American Public Health Association Annual Meeting. Atlanta, GA. November 2023.
8. **Shelton BA**, Mancini E, Oakes E, Neville L, He Z, Budhwani H. Association of HIV Criminalization Laws with Transplant Education for People with HIV. Society of Behavioral Medicine Annual Meeting. April 2024.

Invited Talks:

1. **Shelton BA**, Ray C, Sawinski D, Reed RD, MacLennan PA, Locke JE. "Decreasing deceased donor kidney transplant rates among children ≤ 6 years under the new kidney allocation system." Pediatric Academic Societies Meeting. Baltimore, MD. April 2019.
2. **Shelton BA**. "Sex Disparities in Liver Transplantation." UAB School of Public Health, Department of Epidemiology Seminar Series. Birmingham, AL. September 2019.
3. **Shelton BA**. "Writing Specific Aims." Children's Hospital of Alabama LEAH Trainees Seminar Series. Birmingham, AL. September 2022.
4. **Shelton BA**. "Survival Analysis: A Practical Application." Biostatistics Course. Knoxville, TN. April 2023.
5. **Shelton BA**. "Writing Specific Aims." Children's Hospital of Alabama LEAH Trainees Seminar Series. Birmingham, AL. September 2023.

6. **Shelton BA.** "Kidney Disease in People with HIV: Past, Present, and Future." TN HIV Symposium. November 2023.
7. **Shelton BA.** "Electronic Medical Record Data: Challenges and Strategies." University of Tennessee Medical Center Grand Rounds. September 2024.