

CURRICULUM VITAE

ANDREA C. BETTS, PHD, MPH

Assistant Professor

Dept. of Health Promotion and Behavioral Sciences, School of Public Health
University of Texas Health Science Center at Houston (UTHealth Houston)

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EDUCATION

UTHealth Houston, School of Public Health, Dallas, TX

Doctor of Philosophy (PhD), Behavioral Sciences, 2021

Minors: Epidemiology, Research Methods

Advisor/Dissertation Committee Chair: Marlyn Allicock, PhD

Dissertation: “Too many meds? Characterizing polypharmacy and its association with medication fill nonadherence in adolescent and young adult (AYA) cancer survivors”

Master of Public Health (MPH), Health Promotion and Behavioral Sciences, 2016

Southern Methodist University (SMU), Dallas, TX

Bachelor of Arts (BA), Political Science, English, *Summa Cum Laude*, 2003, Minor: Spanish

OTHER TRAINING

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|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2022 – 2023 | TL1 Post-doctoral Training Program, Center for Clinical and Translational Sciences, UT MD Anderson Cancer Center and UTHealth Houston (TL1 TR003169) |
| 2022 | Texas Institute for Implementation Science Workshop, UTHealth Houston |
| 2016 – 2021 | T32 Pre-doctoral Fellowship, UTHealth School of Public Health–NCI Cancer Control Research Training Program (T32/CA057712/ NCI R25CA57712—MPIs: Maria E. Fernandez, Patricia Dolan Mullen, and Sally W. Vernon) |
| 2016 | Introduction to Mixed Methods Research, Harvard Catalyst, Boston, MA |
| 2016 | Phlebotomy services and venipuncture, Baylor University Medical Center, Dallas, TX |
| 2015 | Physical patient transfers, Baylor Institute for Rehabilitation, Dallas, TX |
| 2013, 2014 | Diabetes Prevention Program Group Lifestyle Balance Coach training, University of Pittsburgh, Pittsburgh, PA |

PROFESSIONAL POSITIONS

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| 7/2023– current | <u>Assistant Professor</u> , Dept. of Health Promotion and Behavioral Sciences, UTHealth Houston School of Public Health, Dallas, TX |
| 7/2023– current | <u>Assistant Professor</u> , Center for Pediatric Population Health, UTHealth Houston School of Public Health, Dallas, TX |
| 4/2024– current | <u>Adjunct Assistant Professor</u> , Department of Family Medicine, UT Southwestern Medical Center, Dallas, TX |

- 9/2022– 6/2023 TL1 Postdoctoral Fellow, UT MD Anderson Cancer Center and UTHealth Graduate School of Biomedical Sciences. Primary Mentor: Caitlin C. Murphy, PhD, MPH. Clinical co-mentor: Michael Roth, MD
- 8/2021– 6/2023 Postdoctoral Research Fellow, UTHealth Houston, School of Public Health. Primary Mentor: Caitlin C. Murphy, PhD, MPH. Co-mentors: Aubree Shay, PhD, MSSW; Marlyn Allicock, PhD, MPH; Karen Albritton, MD
- 9/2016–5/2021 Pre-doctoral Fellow, UTHealth Houston, School of Public Health-NCI Cancer Control Research Training Program (T32/CA057712), Dallas, TX. Mentors: Bijal Bala, MBBS; Patricia Dolan Mullen, DrPH; Jasmin Tiro, PhD
- 9/2016–4/2018 Graduate Research Assistant, Harold C. Simmons Comprehensive Cancer Center & Department of Population Science, UT Southwestern Medical Center, Dallas, TX
- 1/2016 –9/2016 Clinical Research Coordinator, Baylor Institute for Rehabilitation, Baylor Scott & White, Dallas, TX
- 2014 – 2015 Research Coordinator, UTHealth Houston, School of Public Health, Dallas, TX
- 2013 – 2014 Graduate Research Assistant, UTHealth Houston, School of Public Health, Dallas, TX
- 2012 – 2014 Freelance Writer, Instructional Designer, and Consultant, Dallas, TX
- 2011 – 2012 Vice President of Operations, Schlager Group, Dallas, TX
- 2008 – 2010 Managing Editor, Schlager Group, Dallas, TX
- 2007 – 2008 Associate Editor, Schlager Group, Dallas, TX
- 2003 – 2006 Freelance Writer, Consultant, and Producer, Dallas, TX

PEER-REVIEWED PUBLICATIONS

*Indicates co-first authors †Indicates student papers

1. Tortolero GA*†, **Betts AC***, Suragh TA, Pruitt SL, Roth ME, Murphy CC. SVI Social vulnerability and survival in 112,000 adolescents and young adults with cancer: a population-based study in Texas. J Natl Cancer Inst. 2024: djae170, doi: 10.1093/jnci/djae170.
2. Berkman A*, **Betts AC***, Beauchemin M*, Parsons SK, Freyer DR, Roth ME. Survivorship after adolescent and young adult cancer: Models of care, disparities, and opportunities. J Natl Cancer Inst. 2024 Jun 4; djae119, doi: 10.1093/jnci/djae119.
3. **Betts AC**, Roth ME, Albritton K, Pruitt SL, Shay LA, Lupo PJ, Wang JS, Allicock MA, Murphy CC. Racialized inequities in live birth after cancer: a population-based study of 63,000 female adolescents and young adults with cancer. Cancer. 2024 Apr 27; 1-12 doi:10.1002/cncr.35341.

4. Choi E*, Berkman AM*, Andersen CR, Salsman JM, **Betts AC**, Milam J, Miller KA, Peterson SK, Lu Q, Cheung CK, Ghazal LV, Livingston JA, Hildebrandt MAT, Parsons SK, Freyer D, Roth ME. Psychological distress and mental health care utilization among lesbian, gay, and bisexual survivors of adolescent and young adult cancer. *Supportive Care in Cancer*. 2024;32, 585. doi:10.1007/s00520-024-08778-8.
5. Choi E*, Berkman AM*, Battle A, **Betts AC**, Salsman JM, Milam J, Andersen CR, Miller KA, Peterson SK, Lu Q, Cheung CK, Livingston JA, Hildebrandt MAT, Parsons SK, Freyer D, Roth ME. Psychological distress and mental health care utilization among Black survivors of adolescent and young adult cancer. *Cancer*. 2024 Apr 27; 1-12 doi:10.1002/cncr.35348.
6. Choi E*, Berkman AM*, Cheung CK, **Betts AC**, Salsman J.M, Andersen CR, Ochoa-Dominguez CY, Miller K, Milam J, Shah A, Peterson SK, Lu Q, Livingston JA, Hildebrandt MAT, Parsons SK, Freyer D, Roth ME. Psychological distress and mental health care utilization among Hispanic/Latino survivors of adolescent and young adult cancer. *Psychooncology*. 2023 Dec;32(12):1918-1929. doi: 10.1002/pon.6248.
7. Murphy CC, **Betts AC**, Pruitt SL, Cohn BA, Shay LA, Allicock MA, Wang JS, Lupo PJ. Birth defects in offspring of adolescent and young adults with a history of cancer: a population-based study of 27,000 women. *Cancer Epidemiol Biomarkers Prev*. 2023 Dec 1;32(12):1699-1706. doi:10.1158/1055-9965.EPI-23-0743
8. **Betts AC**, Shay LA, Lupo PJ, Pruitt SL, Roth ME, Allicock MA, Cohn BA, Murphy CC. Adverse birth outcomes of adolescent and young adult women diagnosed with cancer during pregnancy. *J Natl Cancer Inst*. 2023 Jun 8;115(6):619-627. doi:10.1093/jnci/djad044
Invited commentary by: Nathan PC, Su HI. Making sense of the risks: what to tell adolescents and young adults diagnosed with cancer during pregnancy. *J Natl Cancer Inst*. 2023;115(6):603-604. doi:10.1093/jnci/djad066
9. **Betts AC**, Shay LA, Allicock M, Preston SM, Grimes A, Murphy CC. Impacts of the Early COVID-19 Pandemic Among a National Sample of Adolescent and Young Adult Cancer Survivors in the United States. *J Adolesc Young Adult Oncol*. 2023 Jun;12(3):324-330. doi:10.1089/jayao.2022.0045
10. **Betts AC**, Murphy CC, Shay LA, Balasubramanian BA, Markham C, Allicock M. Polypharmacy and prescription medication use in a population-based sample of adolescent and young adult cancer survivors. *J Cancer Surviv*. 2023 Aug;17(4):1149-1160. doi:10.1007/s11764-021-01161-0
11. **Betts AC**, Murphy CC, Shay LA, Bala BA, Markham C, Roth ME, Allicock MA. Polypharmacy and medication fill nonadherence in a population-based sample of adolescent and young adult cancer survivors, 2008-2017. *J Cancer Surviv*. 2023 Dec;17:1688-1697. doi:10.1007/s11764-022-01274-0
12. Murphy CC, **Betts AC**, Allicock MA, et al. Stillbirth After Adolescent and Young Adult Cancer: A Population-Based Study. *J Natl Cancer Inst*. 2022 Dec 8;114(12):1674-1680. doi:10.1093/jnci/djac168
13. Higashi RT, Rodriguez SA, **Betts AC**, Tiro JA, Luque AE, Rivera R, Barnes A. Anal cancer screening among women with HIV: provider experiences and system-level challenges. *AIDS Care*. 2022;34(2):220-226. doi:10.1080/09540121.2021.1883512

14. **Betts AC**, Ochoa C, Hamilton R, Sikka S, Froehlich-Grobe K. Barriers and Facilitators to Lifestyle Intervention Engagement and Weight Loss in People Living With Spinal Cord Injury. *Top Spinal Cord Inj Rehabil.* 2021;27(1):135-148. doi:10.46292/sci20-00025
15. Rodriguez SA, Higashi RT, **Betts AC**, Ortiz C, Tiro JA, Luque AE, Barnes A. Anal Cancer and Anal Cancer Screening Knowledge, Attitudes, and Perceived Risk Among Women Living With HIV. *J Low Genit Tract Dis.* 2021;25(1):43-47. doi:10.1097/LGT.0000000000000578
16. Froehlich-Grobe K, **Betts AC**, Driver SJ, Carlton DC, Merfield A, Lee J, Kramer MK. Group Lifestyle Balance Adapted for Individuals With Impaired Mobility: Outcomes for 6-Month RCT and Combined Groups at 12 Months. *Am J Prev Med.* 2020;59(6):805-817. doi:10.1016/j.amepre.2020.06.023
17. Tiro JA, **Betts AC**, Kimbel K, Shulman L, Buist, DSM, Winer RL, Beatty T, Lin J, Malone C, Thayer C, Gao H, Miglioretti DL. Understanding Patients' Perspectives and Information Needs Following a Positive Home Human Papillomavirus Self-Sampling Kit Result. *J Womens Health (Larchmt).* 2019;28(3):384-392. doi:10.1089/jwh.2018.7070
18. Barnes A, Jetelina KK, **Betts AC**, Mendoza T, Sreeramoju P, Tiro JA. Emergency Department Testing Patterns for Sexually Transmitted Diseases in North Texas. *Sex Transm Dis.* 2019;46(7):434-439. doi:10.1097/OLQ.0000000000001003
19. **Betts AC**, Froehlich-Grobe K, Driver S, Carlton D, Kramer MK. Reducing barriers to healthy weight: Planned and responsive adaptations to a lifestyle intervention to serve people with impaired mobility. *Disabil Health J.* 2018;11(2):315-323. doi:10.1016/j.dhjo.2017.10.008
20. Barnes A, **Betts AC**, Borton EK, Sanders JM, Pruitt SL, Werner C, Bran A, Estelle C, Balasubramanian BA, Inrig S, Halm EA, Skinner CS, Tiro JA. Cervical cancer screening among HIV-infected women in an urban, United States safety-net healthcare system. *AIDS.* 2018;32(13):1861-1870. doi:10.1097/QAD.0000000000001881
21. Shay LA, Baldwin A, **Betts AC**, Marks E, Higashi R, Street Jr. RL, Persaud D, Tiro JA. Parent-Provider Communication of HPV Vaccine Hesitancy. *Pediatrics.* 2018;141(6):e20172312. doi:10.1542/peds.2017-2312
22. Denman DC, Baldwin AS, **Betts AC**, McQueen A, Tiro JA. Reducing "I Don't Know" Responses and Missing Survey Data: Implications for Measurement. *Med Decis Making.* 2018;38(6):673-682. doi:10.1177/0272989X18785159
23. Murphy CC, Fullington HM, Alvarez CA, **Betts AC**, Lee SJC, Haggstrom DA, Halm EA. Polypharmacy and patterns of prescription medication use among cancer survivors. *Cancer.* 2018 Jul 1;124(13):2850-2857. doi: 10.1002/cncr.31389. Epub 2018 Apr 12.
24. Pruitt SL, Werner CL, Borton EK, Sanders JM, Balasubramanian BA, Barnes A, **Betts AC**, Skinner CS, Tiro JA. Cervical Cancer Burden and Opportunities for Prevention in a Safety-Net Healthcare System. *Cancer Epidemiol Biomarkers Prev.* 2018 Dec;27(12):1398-1406. doi: 10.1158/1055-9965.EPI-17-0912. Epub 2018 Sep 5.
25. **Betts AC**, Froehlich-Grobe K. Accessible weight loss: Adapting a lifestyle intervention for adults with impaired mobility. *Disabil Health J.* 2017;10(1):139-144. doi:10.1016/j.dhjo.2016.06.004

26. Froehlich-Grobe K, Shropshire WC, Zimmerman H, Van Brunt J, **Betts A**. Reach of the Montana Cancer Control Program to Women with Disabilities. *J Community Health*. 2016 Jun;41(3):650-7. doi: 10.1007/s10900-015-0141-y.

Under Review

*Indicates co-first authors

1. **Betts AC***, Eary R*, Hughes A, Thakur B, Booker QS, Shay LA, Lee SC, Bowers DC, Balasubramanian BA. Lack of routine health care among adult survivors of childhood, adolescent, and young adult cancers (CAYA): A nationally representative study of 4,300 survivors. Under review at *Cancer Medicine*.
2. Murphy CC, Wang JS, **Betts AC**, Lupo PJ, Shay LA, Allicock MA, Kirk C, Pruitt SL. Fertility and adverse perinatal outcomes among 42,000 male adolescents and young adults with cancer: a population-based study. Under review at *J Natl Cancer Inst*.

REPORTS AND WHITE PAPERS

Eary RL, Rodriguez SA, **Betts AC**, Thakur B, Ho ED, Shear D, Lawrence S, Hall B. Routine screening of needs among cancer survivors who access care within the UT Southwestern Primary Care Cancer Survivorship Clinics in Dallas and Fort Worth: An Executive Summary Report. *Texas Family Physician*. 2023 Dec 1; online ahead of print, <https://www.tafp.org/foundation/research-12-1-2023>.

BOOK CHAPTERS

Froehlich-Grobe K, Douglas M, Ochoa C, & **Betts AC** (2020). Social Determinants of Health and Disability. In Lollar, D. J., Horner-Jonson, W., and Froehlich-Grobe, K. (Eds.), *Public Health Perspectives on Disability: Science, Social Justice, Ethics, and Beyond* (2nd ed.). Springer.

PRESENTATIONS AND POSTERS

Conference Oral Presentations

*Indicates co-presenters

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| October 2024 | Kirk CL, Tortolero, GA, Murphy CC, Allicock MA, Shay LA, Betts AC . Survivorship Care in a National Sample of LGBTQ+ Adolescent and Young Adult Cancer Survivors. Poster presented by Ms. Kirk at the Science of Cancer Health Equity in Sexual and Gender Minority Communities annual meeting, October 3-4, 2024, Rochester, NY. |
| August 2024 | Betts AC ,* Allicock M,* Kirk C, Olumba B,* Stinnett C,* Griffith W*, Shay LA, Murphy CC. Nothing About Me without Me: Community-Engaged Research. General session panel presentation, CancerCON Live annual meeting, August 15-18, Austin, TX. |
| June 2024 | Murphy CC, Betts AC , Wang JS, Lupo PJ, Shay LA, Allicock MA, Pruitt SL. Maternal mortality after adolescent and young adult cancer: a population-based study. |

Presented by Dr. Murphy at the Society for Epidemiologic Research (SER) Annual Meeting, Austin, TX, June 2024.

- March 2024 Higashi R, Rodriguez S, **Betts A**, Tiro J, Luque A, Rivera R, Barnes A. Anal cancer screening among women living with HIV: Provider experiences and system-level challenges. Oral presentation by Dr. Higashi at the annual EUROGIN/HPV meeting, Stockholm, Sweden.
- June 2022 Allicock M,* **Betts AC**,* Shay AL, Murphy CC, Preston SM. COVID-19 and cancer: Reflecting on the pandemic and mapping the road ahead. Presented with Dr. Allicock at CancerCon, Minneapolis, MN.
- March 2022 Murphy, C. C., **Betts, A. C.**, Lupo, P. J., Allicock, M., Shay, L. A., Preston, S. M., & Pruitt, S. L. Risk of fetal death in a population-based sample of 65,000 adolescent and young adult women with a history of cancer. Presented by Dr. Murphy at the 46th Annual Meeting of the American Society of Preventive Oncology (ASPO), Tucson, AZ.
- February 2022 **Betts, A. C.**, Murphy, C. C., Shay, L. A., Balasubramanian, B. A., Markham, C., Preston, S. M., & Allicock M. Polypharmacy and medication nonadherence in a population-based sample of adolescent and young adult cancer survivors. Presented at the 12th Annual Texas AYA Oncology Conference, virtual.
- February 2022 Allicock, M., Shay, L. A., **Betts, A. C.**, Murphy, C. C., Preston, S. Experiences and Impacts of the Covid-19 Pandemic among AYAs. Presented by Dr. Allicock at the 12th Annual Texas AYA Oncology Conference, virtual.
- February 2022 Murphy, C. C., **Betts, A. C.**, Allicock, M., Shay, L. A., Preston, S. M., Lupo, P. J., Pruitt, S. L. Birth outcomes of adolescent and young adult women with cancer in Texas, 1995 – 2016. Presented by Dr. Murphy at the 12th Annual Texas AYA Oncology Conference, virtual.
- December 2021 Murphy, C. C., **Betts, A. C.** Racial and ethnic disparities in live birth and fetal death among adolescent and young adult women diagnosed with cancer. Presented by Dr. Murphy at the 4th Global Adolescent and Young Adult Cancer Congress, virtual.
- October 2020 **Betts, A. C.**, Ogg, J., Barangan, H. S., Barrett, B. Cancer’s got your tongue: Talking with a loved one who has cancer. Presented at Cancervention, a conference for young adult cancer patients organized by Sidney Kimmel Cancer Center and Young Adult Cancer Connection, Philadelphia, PA, virtual conference.
- March 2020 Barangan, H. S., Ogg, J., & **Betts, A. C.** Video series for friends of AYA with cancer. Presented by Mr. Barangan and Ms. Ogg to the annual meeting of the American Psychosocial Oncology Society (APOS), Pediatric Special Interest Group, virtual conference.
- November 2015 **Betts, A. C.** Accessible weight loss: The Group Lifestyle Balance Adapted for Impaired Mobility. Presented at the 144th annual meeting, American Public Health Association (APHA).

Invited Presentations

- July 2024 **Betts AC.** AYAs' birth outcomes: Evidence and implications for practice. Presented to clinicians as part of Teen Cancer America's Monthly Drip webinar series, virtual.
- January 2024 **Betts AC.** Opioid persistence and opioid use disorder in a real-world sample of adolescents and young adults with cancer. Virtual presentation to the Center for Health Care Data, UT Health Houston, Houston TX.
- May 2016 **Betts AC.** Accessible weight loss: Adapting a lifestyle intervention for adults with impaired mobility. Presented to clinicians at the Annual Science Day, Physical Medicine & Rehabilitation, UT Southwestern Medical Center, Dallas, TX.
- May 2016 **Betts AC.** Resources for persons with disability: Disparity, discrimination and difficulties. Presented as part of a panel to clinicians at the Annual Science Day, Physical Medicine & Rehabilitation, UT Southwestern Medical Center, Dallas, TX.
- April 2015 **Betts AC.** Accessible weight loss: Adapting a lifestyle intervention for adults with impaired mobility. Presented to advisory board members of the Group Lifestyle Balance for Traumatic Brain Injury study at Baylor Institute for Rehabilitation, Dallas, TX.
- February 2015 Froehlich-Grobe K. & **Betts AC.** Weighty issues: Examining overweight/obesity in people living with disabilities. Grand Rounds, Baylor Institute for Rehabilitation, Dallas, TX.

Posters

†Indicates student posters

- August 2024 Betts AC, Allicock A, Kirk C, Shay LA, Murphy CC. State of the Science: Research Roundup from the AYA STAR Lab. Poster presented by Dr. Betts, Dr. Allicock, and Ms. Kirk at CancerCON Live annual meeting, August 15-18, Austin, TX.
- June 2024 Eary R, **Betts AC**, Lawrence S, Thakur B, & Hall, BC. Prioritizing needs of adult survivors of childhood cancer through routine point of care age appropriate screening tools International Symposium on Late Complications After Childhood Cancer, June 27-29, Lucerne, Switzerland.
- June 2024 Eary R, Lawrence S, **Betts AC**, Hughes A, Ho E, Bowers D, Cochran C, Shilakhtsitsava K. (2024, June 27-June 29th.). Electronic Referrals Using Epic Care Everywhere: A mechanism for tracking and improving transitions of care from pediatric to adult survivorship at a large university program International Symposium on Late Complications After Childhood Cancer, June 27-29, Lucerne, Switzerland.
- June 2024 Wang JS[†], **Betts AC**, Murphy CC. Disparities by Race, Ethnicity, and Socioeconomic Status in Survival among a Community-based Sample of Young Women with Metastatic Breast Cancer in the United States. Poster Presentation. Society for Epidemiologic Research (SER) Annual Meeting, Austin, TX, June 2024.

- March 2024 **Betts AC**, Wozny J, Rodriguez SA, Beauchemin M, Eary R, Bala BA, Roth M, Murphy CC. Persistent opioid use and opioid use disorder in a large, real-world sample of AYA cancer survivors. Poster presented by Dr. Betts at the 48th annual meeting of the American Society of Preventive Oncology (ASPO), Chicago, IL, March 17-19, 2024.
- March 2024 Wang JS[†], **Betts AC**, Lupo P, Shay LA, Allicock M, Pruitt SL, Murphy CC. Reproductive Outcomes among Male Adolescents and Young Adults with Cancer in Texas, 1995-2016. Poster Presentation. American Society of Preventive Oncology (ASPO) Annual Meeting, Chicago, IL, March 2024.
- March 2024 Eary RL, Shear D, Taghavi S, Thakur B, Rodriguez S, Wang E, **Betts AC**. Prioritizing needs of cancer survivors within a clinical visit using point of care age-appropriate screening tools. Poster to be presented by Dr. Eary at the American Psychosocial Oncology Society meeting, Albuquerque, NM, March 6-8, 2024.
- October 2023 Wang JS[†], Johnson B, Barcenas CH, **Betts AC**, Murphy CC. Disparities in clinical trial participation beyond first-line treatment among patients with metastatic breast or colorectal cancer. Poster presented by Ms. Wang at the ASCO Quality Care Symposium, Boston, MA, Oct. 27-28, 2023.
- September 2023 Eary RL, **Betts AC**, Hughes A, Booker Q, Shay LA, Bala B, Lee SJC, Bowers DC. Primary care use among survivors of childhood, adolescent, and young adult cancers (CAYA): A population-based study. Poster presented by Dr. Eary to the 2nd annual Cancer Center Survivorship Research Forum, Stanford, CA, Sept. 11-12, 2023.
- September 2023 Tortolero GA[†], Suragh TA, **Betts AC**, Murphy CC. Social vulnerability and survival in 112,000 adolescents and young adults with cancer: A population-based study in Texas. Poster presented by Mr. Tortolero at the Innovations in Cancer Prevention and Research Conference VI, Galveston, TX, Oct. 2-3, 2023.
- June 2023 **Betts AC**, Allicock M, Shay LA, Murphy CC. Disparities in telehealth use among AYAs with a history of cancer: A population-based study. Poster presentation at the Global Adolescent and Young Adult Cancer Congress, Long Beach, CA, June 2023.
- April 2023 **Betts, AC**, Shay, L. A., Lupo, P. J., Roth, M. E., Allicock, M. A., Preston, S. M., Cohn, B. A., Pruitt S. L.*, & Murphy C. C.*Adverse birth outcomes of adolescent and young adult women diagnosed with cancer during pregnancy: A population-based study. Poster presentation at Translational Science, Washington, DC, April 18-20, 2023. *Contributed equally as co-senior authors. *Awarded first place poster.*
- March 2023 **Betts, AC**, Allicock, M., Shay, L. A., Preston, S. M., Murphy, C. C. Access to care and social support in the mid-pandemic: a population-based study of adolescents and young adults with cancer. Poster presentation at the 47th Annual Meeting of the American Society of Preventive Oncology (ASPO), San Diego, CA, March 12-14, 2023.
- March 2022 **Betts, AC**, Shay, L. A., Allicock, M., Preston, S. M., & Murphy, C. C. Impact of COVID-19 on a nationally representative sample of adolescent and young adult cancer survivors. Presented at the 46th Annual Meeting of the American Society of Preventive Oncology (ASPO), Tucson, AZ, March 13-15, 2022.

- March 2022 Shay, L. A., Allicock, M., **Betts, AC**, Murphy, C. C., & Preston, S. Disparities in HPV vaccine recommendation and on-site administration among a national sample of pediatric oncologists. Presented by Dr. Shay at the 46th Annual Meeting of the American Society of Preventive Oncology (ASPO), Tucson, AZ, March 13-15, 2022.
- December 2021 **Betts, AC**, Murphy, C. C., Shay, L. A., Balasubramanian, B. A., Markham, C., & Allicock, M. Too many meds? Inequities in AYAs' polypharmacy and prescription medication use. Presented at the 4th Global Adolescent and Young Adult Cancer Congress, virtual.
- September 2019 Rodriguez S., Higashi R., **Betts AC**, Ortiz C., Tiro J. A., Luque A. E., & Barnes A. Challenges implementing anal cancer screening for women living with HIV: Clinical providers and staff perspectives. Presented by Dr. Rodriguez at the 12th annual American Association for Cancer Research Science of Cancer Health Disparities Conference, San Francisco, CA.
- October 2018 Leland, M., **Betts, AC**, & Tiro, J. A. Teaching Patient-Centered Communication. Presented by Ms. Leland at Family Medicine Experience 2018, the annual meeting of the American Academy of Family Physicians, New Orleans, LA. *Awarded third place poster in student research.*
- October 2018 Rodriguez S. A., **Betts AC**, Higashi R., Luque A., Werner C., Chavez C., Lee S. C., Tiro J. A., & Barnes A. Using process to plan progress: Exploring care-delivery for cervical cancer screening in HIV/HPV co-infected women in a safety net health system. Presented by Dr. Rodriguez at the 32nd International Papillomavirus Conference, Sydney, Australia.
- April 2018 Murphy C., Fullington H., Alvarez C., **Betts AC**, Lee S. C., Haggstrom D., & Halm E. A. Polypharmacy and patterns of prescription medication use among cancer survivors. Presented by Dr. Murphy at Translational Science 2018, Washington, DC.
- March 2018 Murphy C., Fullington H., Alvarez C., **Betts AC**, Lee S. C., Haggstrom D., & Halm E. A. Polypharmacy and patterns of prescription medication use among cancer survivors. Presented by Dr. Murphy at the 42nd annual meeting of the American Society of Preventive Oncology.
- March 2018 Tiro, J. A., **Betts, AC**, Kimbel, K. Shulman, L., Buist, D., Miglioretti, D .L., Mao, C., Thayer, Malone, C., Gao, H., Lin, J., & Winer, R. Understanding women's perspectives and information needs following a positive HPV self-screening test result. Presented by Dr. Tiro to the 42nd annual meeting of the American Society of Preventive Oncology.
- February 2018 **Betts, AC**, Ogg, J., & Barangan, H. Development of a social support intervention for AYA peers: &%#*@! My friend has cancer! Presented at the Women in Science and Medicine poster session at UT Southwestern Medical Center.
- December 2017 **Betts, AC**, Ogg, J., & Barangan, H. Development of a social support intervention for AYA peers: &%#*@! My friend has cancer! Presented at the 2nd Global Adolescent and Young Adult (AYA) Cancer Congress.

- November 2017 Froehlich-Grobe, K., Driver, S., Kramer, M. K., Carlton, D., **Betts, AC**, & Lee, J. Feasibility and effectiveness of delivering an adapted weight loss intervention for people with mobility impairment. Presented by Dr. Froehlich-Grobe at the American Congress of Rehabilitation Medicine (ACRM).
- October 2017 Froehlich-Grobe, K., Driver, S., Kramer, M.K., Carlton, D., **Betts, AC**, & Lee, J. 12 month outcomes from an accessible weight loss program: Group Lifestyle Balance Adapted for Individuals with Impaired Mobility (GLB-AIM). Presented by Dr. Froehlich-Grobe at the 146th annual meeting, American Public Health Association (APHA).
- October 2017 Tiro, J. A., Kimbel, K. Shulman, L., **Betts, AC**, Buist, D., Miglioretti, D .L., Mao, C., Thayer, Malone, C., Gao, H., Lin, J., & Winer, R. Understanding women’s perspectives and information needs following a positive HPV self-screening test result. Presented by Dr. Tiro to Eurogin International Multidisciplinary Congress in Amsterdam, Netherlands.
- March 2017 Tiro, J. A., Kimbel, K. Shulman, L., **Betts, AC**, Buist, D., Miglioretti, D.L., Mao, C., Thayer, Malone, C., Gao, H., Lin, J., & Winer, R. Understanding women’s perspectives and information needs following a positive HPV self-screening test result. Presented by Dr. Tiro at International Papillomavirus Conference in Cape Town, South Africa.
- March 2016 **Betts, AC**, Froehlich-Grobe, K., Lee, J., Carlton, D., & Driver, S.J. Accessible weight loss: Interim results from the Group Lifestyle Balance Adapted for Impaired Mobility (GLB AIM). Presented at Baylor Research Institute Research Week, Baylor Institute for Rehabilitation.
- March 2016 **Betts, AC**, Froehlich-Grobe, K. Accessible weight loss: Interim results from the Group Lifestyle Balance Adapted for Impaired Mobility (GLB AIM). Presented at Student Research Day, UTSPH.
- February 2016 **Betts AC**, Froehlich-Grobe, K. Making weight loss accessible: Interim results from the Group Lifestyle Balance Adapted for Impaired Mobility (GLB AIM). Presented at the Health Promotion and Behavioral Sciences Poster Session, UTSPH.
- April 2015 **Betts AC**, Froehlich-Grobe, K. Accessible weight loss: Adapting a lifestyle intervention for adults with impaired mobility. Presented at Student Research Day, UTSPH.

GRANTS AND RESEARCH EXPERIENCE

- 2023 – 2024 Translating care to adolescents and young adults with cancer in Texas: Identifying care deserts
Andrea C. Betts (PI)
Funding: Center for Clinical and Translational Science Pilot Award, UTHealth Houston (subaward from National Institutes of Health Grant # 5UL1RR024148-03)

- 2023 – 2024 Real-world opioid prescription patterns and outcomes in adolescents and young adults with cancer
Andrea C. Betts (PI)
Funding: Center for Health Care Data Research Pilot Awards, UTHealth Houston
- 2022 – 2023 Racial and ethnic disparities in treatment patterns among young adults with metastatic colorectal and breast cancer
Caitlin C. Murphy (PI), **Andrea C. Betts (Co-I)**
Funding: American Cancer Society and Flatiron Health
- 2021 – 2025 Co-payments and medication adherence in a safety-net system
Caitlin C. Murphy (PI)
Funding: American Cancer Society Grant # RSG-21-046
Role: Postdoctoral fellow
- 2021 – 2024 Early life exposures and risk of young-onset colorectal cancer
Caitlin C. Murphy (PI)
Funding: National Cancer Institute Grant # R01 CA242558
Role: Postdoctoral fellow
- 2021 – 2022 Fertility and reproductive outcomes of adolescent and young adult cancer survivors in Texas
Caitlin C. Murphy (PI)
Funding: US Department of Defense Grant # CA181215
Role: Postdoctoral fellow
- 2021 – 2024 Evaluation of an intervention to improve social support for adolescents and young adults with cancer
Andrea C. Betts (PI)
Funding: Brendan Ogg Memorial Fund Grant # 22023783
Role: Principal investigator
- 2018 – 2021 Care coordination for complex cancer survivors in an integrated safety-net system
Bijal Balasubramanian (MPI), Simon Cradock Lee (MPI)
Funding: National Cancer Institute Grant # R01-CA203856-01
Role: Predoctoral fellow
- 2017 – 2020 Delving into disparities: Formative research to guide interventions promoting cervical and anal cancer screening for HIV infected women attending Ryan White funded clinics
Arti Barnes (PI)
Funding: UT Southwestern Community-Based Pilot Research Grant
Role: Predoctoral fellow
- 2016 – 2018 Developing a self-persuasion intervention promoting adolescent HPV vaccination
Jasmin Tiro (MPI), Austin Baldwin (MPI)
Funding: National Cancer Institute Grant # 1R01CA178414-01
Role: Predoctoral fellow
- 2016 – 2018 Parkland-UT Southwestern PROSPR Center: Cervical cancer screening in a safety net
Celette Skinner (MPI), Jasmin Tiro (MPI)

Funding: National Cancer Institute Grant # 3U54CA163308-04S1
Role: Predoctoral fellow

2016 – 2018 Randomized trial of in-home cervical cancer screening in underscreened women.
Rachel Winer (PI), Jasmin Tiro (Dallas Co-I)
Funding: National Cancer Institute Grant # 1R01CA168598-01A1
Role: Predoctoral fellow

2014 – 2016 Group Lifestyle Balance Adapted for Impaired Mobility (GLB-AIM): Translating the
GLB to promote healthy weight in people with mobility disability. Katherine
Froehlich-Grobe (PI)
Funding: CDC Grant # 15-277211520-FB44
Role: Co-investigator

2013 – 2014 A weight management pilot study for individuals with physical disabilities Katherine
Froehlich-Grobe (PI)
Funding: UTHealth Houston School of Public Health FOTE Award
Role: Co-investigator, Project director

2013 – 2016 Ratings of physical activity routines study
Wendell Taylor (PI)
Funding: UTHealth Houston School of Public Health investigator funds
Role: Co-investigator

MENTORING AND TEACHING EXPERIENCE

Dissertation Committee Member

2024 – current Debbie Shear, PhD candidate in Clinical Psychology, Department of Psychiatry, UT
Southwestern Medical Center

Formal Mentoring

2023 – current Guillermo Alex Tortolero, NCI T32 pre-doctoral fellow and PhD student, Department
of Epidemiology, UTHealth School of Public Health. I serve on Alex's T32 fellowship
mentoring committee.

Informal Mentoring

2023 – current Jenny S. Wang, NCI T32 pre-doctoral fellow and PhD student, Department of
Epidemiology, UTHealth School of Public Health

2021 – 2023 Quiera Booker-Nubie, NCI T32 pre-doctoral fellow PhD student, Department of
Epidemiology, Human Genetics, and Environmental Sciences, UTHealth School of
Public Health

Teaching

Fall 2024 PH2243—1241-700: Disability and Public Health (online asynchronous). Co-
instructor.

Guest Lectures

- October 2022 Managing the Dissertation Proposal Process. Panelist for Proposal Writing Seminar, UTHealth Houston School of Public Health, virtual presentation.
- July 2021 Adolescent and Young Adult (AYA) Cancer Survivorship. Presented as part of a cancer survivorship panel for Cancer Prevention Research Institute of Texas (CPRIT) undergraduate training program, UTHealth School of Public Health, virtual presentation.
- May 2021 Lessons Learned from the Dissertation Experience. Presented with Dr. Lynn Ibekwe to Health Promotion and Behavioral Sciences Doctoral Seminar, UTHealth School of Public Health, virtual presentation.
- October 2017 Cancer Survivors' Perspectives on Patient Centered Communication: A Panel Discussion. Organized and participated in panel for Patient-Centered Communication Strategies Course, UT Southwestern Medical School, Dallas, TX.
- May 2017 Health Promotion for People with Disabilities. Delivered to MPH/PhD students in course on Disability and Public Health, UTHealth School of Public Health.
- October 2016 Cancer Survivors' Perspectives on Patient Centered Communication: A Panel Discussion. Organized and participated in panel for Patient-Centered Communication Strategies Course, UT Southwestern Medical School, Dallas, TX.

Problem-Based Learning Tutor

- Fall 2016 PH1111: Health Promotion Theory and Methods I
UTSPH, Dallas, TX. Student rating: 5/5

Curriculum Development

- 2017 ENR 143 Patient Centered Communication Strategies Course, UT Southwestern Medical School (Problem-Based Learning component)
- 2012 FMCSA Certification Medical Examiner Training Course
Concentra Inc., Dallas, TX

HONORS

- 2023 First place poster, Translational Science Meeting Poster Session, Washington DC
- 2022 Postdoctoral Travel Award, UTHealth Houston
- 2016 Pre-Doctoral Fellowship, National Cancer Institute Training Grant
- 2016 Delta Omega
- 2016 Third place, Student Research Poster Competition, UTHealth Houston School of Public Health
- 2015 Third place, Student Research Poster Competition, UTHealth Houston School of Public Health
- 2013 Outstanding New Student Scholarship, UTHealth Houston School of Public Health
- 2001 – 2003 President's Scholarship (full tuition academic scholarship), SMU

2001 – 2003	John G. Tower Fellowship, John G. Tower Center
2003	Robert S. Hyer Award (University’s Most Outstanding Scholar), SMU
2003	George Bond Prize, SMU
2003	John G. Tower Award, SMU
2002 – 2003	Phi Beta Kappa (delivered 2003 address), SMU
2002 – 2003	Robert S. Hyer Society, SMU
2002	Belle Mayer Bromberg Prize, SMU
2002 – 2003	Sigma Tau Delta (English Honors Society; Treasurer 2002–2003), SMU
2001 – 2003	Pi Sigma Alpha (Political Science Honor Society; President 2002–2003, Vice President 2001–2002), SMU
1999	Rotary Club Oration Scholarship
1999	Wal-Mart Community Leaders Scholarship
1999	Veterans of Foreign Wars Oration Scholarship
1999	Northwest Foundation Scholarship
1999	Trophy Club Women's Club Scholarship
1999	Ryan Dietzman Memorial Foundation Scholarship

SERVICE

2023 – current	Board of Directors, Adolescent and Young Adult Cancer Coalition (national)
2021 – current	Ad hoc reviewer, <i>JAMA Oncology</i> , <i>Cancer Epidemiology Biomarkers & Prevention</i> , <i>Preventive Medicine</i> , <i>BMC Public Health</i> , <i>BMC Medical Research Methodology</i> , <i>Journal of Adolescent and Young Adult Oncology</i>
2023 – current	Marketing Committee, Department of Health Promotion and Behavioral Sciences, UTHealth School of Public Health
2023	Program Planning Committee, Adolescent and Young Adult Cancer Coalition
2022 – current	Collaborator, Non-Medical Opioid Use Resource Center, Center for Clinical and Translational Sciences, UTHealth School of Biomedical Sciences and MD Anderson Cancer Center
2016 – 2018	Collaborator, AYA Forum: Children’s Health, UT Southwestern Medical Center, and Parkland Health and Hospital System
2017 – 2018	Collaborator, Fort Worth AYA Oncology Coalition data work group
2017– 2018	President, Student Association, UTHealth Houston School of Public Health in Dallas
2017	Vice President, Student Association, UTHealth Houston School of Public Health in Dallas
2015– 2017	Advisory Board Member, Group Lifestyle Balance for Traumatic Brain Injury study, Baylor Institute for Rehabilitation
2009, 2017	President’s Scholarship interviewer, SMU

- 2001 – 2003 Undergraduate Curriculum Council, SMU
- 2001 – 2003 English Department Curriculum Committee, SMU
- 1999 – 2003 Political Science Symposium (President Emeritus, 2001–2003, President 1999–2001), SMU
- 2000 – 2002 Student Senate, SMU

MEMBERSHIPS

- 2022 – current AYA Cancer Coalition
- 2022 – current American Society of Preventive Oncology
- 2014 – current Fort Worth AYA Oncology Coalition