

CURRICULUM VITAE

ANDREA C. BETTS, MPH

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EDUCATION

University of Texas Health Science Center, School of Public Health (UTSPH), Dallas, TX

- 2016–present Doctor of Philosophy in Public Health student
Specialization: Health Promotion and Behavioral Sciences
Minors: Epidemiology, Research Methods
Mentors: Bijal Balasubramanian, MBBS, PhD, (2018–present)
Patricia Dolan Mullen, DrPH, MLS, MPH (2018–present)
Jasmin A. Tiro, PhD (2016-2018)
GPA: 4.0
- 2013–2016 Master of Public Health
Specialization: Health Promotion and Behavioral Sciences
GPA: 4.0

Southern Methodist University (SMU), Dallas, TX

- 1999–2003 Bachelor of Arts
Majors: English, Political Science
Minors: Spanish
GPA: 3.99

OTHER TRAINING

- 2017 Speeding Research-tested INTerventions (SPRINT), National Cancer Institute
- 2016–present Pre-doctoral Fellow, National Cancer Institute Cancer Education and Career Development Program (NCI R25CA57712—PI: Patricia Dolan Mullen), UTSPH
- 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

9/2016–
present NCI Pre-doctoral Fellow, UTSPH, Dallas, TX

9/2016–
4/2018 Graduate Research Assistant, Harold C. Simmons Comprehensive Cancer
Center, 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, UTSPH, Dallas, TX.

2013 – 2014 Graduate Research Assistant, UTSPH, 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

Betts, A. C., Froehlich-Grobe, K., Driver, S., Carlton, D. N., Kramer, M. K. (2018). Reducing barriers to healthy lifestyle: Planned and responsive adaptations to a lifestyle intervention to serve people with impaired mobility. *Disability and Health Journal*, **11(2)**, 315-323. [doi: 10.1016/j.dhjo.2017.10.008. **PMCID 5869071**].

Shay, L.A., Baldwin, A., **Betts, A. C.**, Marks, E., Higashi, R., Street Jr., R.L., Persaud, D., & Tiro, J. (2018). Parent-provider communication of HPV vaccine hesitancy. *Pediatrics*, **141(6)**: **e20172312** [PMCID pending].

Betts, A. C. & Froehlich-Grobe, K. (2017). Accessible weight loss: Adapting a lifestyle intervention for adults with impaired mobility. *Disability and Health Journal*, 10(1), 139-144. [no NIH funding; doi: 10.1016/j.dhjo.2016.06.004. PMID 27431768].

Froehlich-Grobe, A. K., Shropshire, W. C., Zimmerman, H., VanBrunt, J., & **Betts, A. C.** (2016). Reach of the Montana Cancer Control Program to women with disabilities. *Journal of*

Community Health, 41(3), 650-657. [no NIH funding; doi: 10.1007/s10900-015-0141-y. PMID 26699150].

Barnes, A., **Betts, A. C.**, Borton, E. K., Sanders, J. M., Pruitt, S. L., Werner, C., Bran, A., Estelle C., Balasubramanian, B. A., Inrig, S., Halm, E. A., Skinner, C. S., Tiro, J. A. Cervical cancer screening among HIV infected women in an urban, U.S. safety net health care system. *AIDS* [in press; PMCID pending].

Murphy, C. C., Fullington, H. M., Alvarez, C. A., **Betts, A. C.**, Craddock Lee, S. J., Haggstrom, D. A., Halm, E. A. Polypharmacy and patterns of prescription medication use among cancer survivors. *Cancer* [in press; doi: 10.1002/cncr.31389; PMCID pending].

Pruitt, S. L., Werner, C., Borton, E. K., Sanders, J., Balasubramanian B. A., Barnes, A., **Betts, A. C.**, Skinner, C. S., Halm, E. A., Tiro, J. A. Cervical cancer burden and opportunities for prevention in a safety-net healthcare system. *Cancer Epidemiology Biomarkers and Prevention* [in press; PMCID pending].

Denman, D., Baldwin, A., **Betts, A. C.**, McQueen, A., Tiro, J. Reducing “don’t know” responses and missing survey data: Implications for measurement. *Medical Decision Making* [in press; PMCID pending].

Under Review

Tiro, J. A., **Betts, A. C.**, Kimbel, K., Shulman, L. Buist, D. S. M., Winerb, R. L., Beatty, T., John Lin, J., Malone, C., Thayer, C., Gao, H., Miglioretti, D. L. Understanding the patient’s perspective and information needs following a positive home HPV self-sampling kit result. *Journal of Women’s Health*.

In Progress

Barnes, A., Jetelina, K. K. Mendoza, T., **Betts, A. C.**, Sreeramoju, P.V., Tiro, J. A. Emergency Department Utilization and Testing Patterns for Sexually Transmitted Infections in North Texas.

Froehlich-Grobe, K., Driver, S., **Betts, A. C.**, Carlton, D., Lopez, A., Lee, J., Kramer, M. K. Six month randomized controlled trial outcomes of the adapted weight loss program, the Group Lifestyle Balance Adapted for individuals with Impaired Mobility (GLB-AIM).

Inrig, S., Balasubramanian, B. A., Fullington, H. M., **Betts, A. C.**, McCallister, K., Sanders, J., Halm, E. A., Craddock Lee, S. J., Tiro, J. A. Insurance status and diagnostic follow-up for abnormal cervical and colorectal cancer screening results in a safety-net healthcare system.

Leland, M., **Betts, A. C.**, & Tiro, J. A. Difficult Conversations and Underserved Populations: A Student-organized Patient-Centered Communication Course for Medical Students.

OTHER PUBLICATIONS

Book chapters

Betts, A. (2015). The Tall Figures of Giacometti. In S. Constantakis (Ed.), *Poetry for Students* (Vol. 50). Detroit, MI: Cengage Gale.

Betts, A. (2014). Curiosity. In S. Constantakis (Ed.), *Poetry for Students* (Vol. 47). Detroit, MI: Cengage Gale.

Betts, A. (2014). Stargirl. In S. Constantakis (Ed.), *Novels for Students* (Vol. 47). Detroit, MI: Cengage Gale.

Betts, A. (2014). Blandeur. In S. Constantakis (Ed.), *Poetry for Students* (Vol. 45). Detroit, MI: Cengage Gale.

Betts, A. (2013). Saint Helene. In S. Constantakis (Ed.), *Short Stories for Students* (Vol. 38). Detroit, MI: Cengage Gale.

Articles

Author of more than 500 articles. (2012 – 2015). *Contemporary Authors New Revisions* (Vols. 234-301). Detroit, MI: Cengage Gale.

PRESENTATIONS AND POSTERS

Invited Presentations

May 2016 **Betts, A. C.** Accessible weight loss: Adapting a lifestyle intervention for adults with impaired mobility. Presented to physicians and clinicians at the Annual Science Day, Physical Medicine & Rehabilitation, UT Southwestern Medical Center, Dallas, TX.

May 2016 **Betts, A. C.** Resources for persons with disability: Disparity, discrimination and difficulties. Presented as part of a panel to physicians and clinicians at the Annual Science Day, Physical Medicine & Rehabilitation, UT Southwestern Medical Center, Dallas, TX.

April 2015 **Betts, A. C.** 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, A. C.** Weighty issues: Examining overweight/obesity in people living with disabilities. Grand Rounds, Baylor Institute for Rehabilitation, Dallas, TX.

Conference Presentations

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).

Posters

- April 2018 Murphy C., Fullington H., Alvarez C., Betts A. C., Lee S. C., Haggstrom D., Halm E. 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 A. C., Lee S. C., Haggstrom D., Halm E. 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, A. C.**, 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, A. C.**, 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, A. C.**, 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, A. C.**, & 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, A. C.**, & 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, A. C.**, 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, A. C.**, 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, A. C.**, 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, A. C.** & 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, A. C.** & 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, A.C.** & Froehlich-Grobe, K. Accessible weight loss: Adapting a lifestyle intervention for adults with impaired mobility. Presented at Student Research Day, UTSPH.

GRANT REVIEW SERVICE

- 2018–** Consumer Reviewer, Department of Defense Peer Reviewed Cancer Research Program, Congressionally Directed Medical Research Program
- 2018–** Consumer Reviewer, Department of Defense Breast Cancer Research Program, Congressionally Directed Medical Research Program

RESEARCH EXPERIENCE

- 2017–present 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
Skills:
- Survey development
 - Observations in Ryan White clinics
 - Development of interview guides for clinicians and clinic staff
 - Conducting interviews with clinicians and staff
 - Coding and analyzing qualitative data
 - Developing a clinical process map for cervical cancer screening
 - Engaging clinical and community stakeholders
 - Writing and presenting results

- 2016–present Developing a self-persuasion intervention promoting adolescent HPV vaccination. Jasmin Tiro (MPI), Austin Baldwin (MPI).
Funding: National Cancer Institute Grant # 1R01CA178414-01
Skills:
- Analysis and interpretation of recruitment by race/ethnicity and site to optimize recruitment
 - Organizing and conducting community advisory panel focus groups about participation in research
 - Developing and implementing recruitment process changes based on quantitative data and focus group results
 - Assisting with design and execution of a laboratory tour to *Friends of the Harold Simmons Comprehensive Cancer Center* (donor group)
 - Writing and presenting results
- 2016–present 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
Skills:
- Chart reviews to characterize communication of abnormal cervical cancer screening results and needed follow up for HIV+ women
 - Chart reviews and narrative case studies exemplifying categories of failures in the cervical cancer screening process
 - Writing and presenting results
- 2016–present 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
Skills:
- Iterative qualitative analysis of semi-structured interviews with patients who had a positive home high-risk HPV kit result to understand patients' perspectives and informational needs
 - Writing and presenting results
- 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
Skills:
- Review and recommendation of validated measures for use in the RCT
 - Organizing and consulting with national advisory board, leading 1-day in person meeting, and leading remote working groups of advisors
 - Primary author of new lifestyle intervention curriculum materials and intervention activities
 - With advisory board, revising existing written curriculum materials to be suited to the study population

- Leading RCT recruitment, conducting information sessions, and screening participants
- Managing and performing 6 waves of objective and self-reported data collection, including phlebotomy and manually transferring participants from and to their wheelchairs
- Lead interventionist for 1-year healthy lifestyle intervention involving 23 60-90 minute group sessions (mix of phone and in-person) and ongoing phone and email support
- Meeting with CDC monthly to report study progress
- Submitting and maintaining all compliance documentation, including IRB and CDC progress reports
- Writing and presenting results

- 2013 – 2014 A weight management pilot study for individuals with physical disabilities
Katherine Froehlich-Grobe (PI)
Funding: UTSPH FOTE Award
Role: Co-investigator
- Literature review and selection of existing intervention to adapt for underserved population
 - Lead interventionist for 5-month healthy lifestyle intervention consisting of 15 hour-long group conference calls and ongoing phone and email support
 - Consulting with study advisors, including clinical nutritionist
 - Recruitment and screening participants
 - 3 waves of objective and self-reported data collection
 - Data entry
 - Data analysis using SPSS
 - Maintaining IRB compliance
 - Writing and presenting results

- 2013 – 2016 Ratings of physical activity routines study
Wendell Taylor (PI)
Funding: UTSPH investigator funds
Role: Co-investigator
- Study conceptualization
 - Survey development
 - Database creation

TEACHING EXPERIENCE

Guest Lectures

- October 2017 **Betts, A. C.** 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 **Betts, A. C.** Health Promotion for People with Disabilities. Delivered to MPH/PhD students in course on Disability and Public Health, UTSPH.

October 2016 **Betts, A. C.** 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

2008 – 2011 Milestone Documents (online history learning series for secondary and post-secondary education)
Schlager Group Inc., Dallas, TX

2004 – 2006 Breastfeeding Comprehensive Video Series (training for medical professionals)
Mother of 7, Dallas, TX

HONORS

2016 Pre-Doctoral Fellowship, National Cancer Institute

2016 Delta Omega

2016 Third place, Student Research Day Poster Competition, UTSPH

2015 Third place, Student Research Day Poster Competition, UTSPH

2013 Outstanding New Student Scholarship, UTSPH

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

2017– 2018	President, UTSPH Student Association, Dallas Campus
2017	Vice President, UTSPH Student Association, Dallas Campus
2015– present	Advisory Board Member, Brendan Ogg Foundation, Washington, DC
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 (Homecoming Chair, 2000–2001), SMU

PROFESSIONAL AFFILIATIONS

2015– present	Member, American Public Health Association
2016– present	Member, Fort Worth Adolescent Young Adult Oncology Coalition (FWAYA)
2016– present	Member, Critical Mass – The Young Adult Cancer Alliance