
BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Smith, Emily Rose	POSITION TITLE Assistant Professor, Epidemiology, Baylor University		
eRA COMMONS USER NAME (credential, e.g., agency login) esmith54			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
Wayland Baptist University, Plainview, TX	B.S.	05/2003	Biology
University of South Carolina, Columbia, SC	M.S.P.H	05/2006	Epidemiology
University of North Carolina, Chapel Hill, NC	Ph.D.	05/2016	Epidemiology

A. Personal Statement

My research interests include epidemiology, maternal and child health, pediatric surgery, health system strengthening, comparative effectiveness research, cost-effectiveness research, and health policy.

B. Positions and Honors

Positions

2004-2006	Graduate Assistant, South Carolina Cancer Prevention and Control Program
2005-2007	Project Coordinator, South Carolina Cancer Prevention and Control Program
2007-2010	Clinical Research Coordinator, Baylor Scott & White Healthcare
2010-2011	Research Associate, Baylor Scott & White Healthcare
2011-2012	Consultant, Baylor Scott & White Healthcare
2012-2013	Teaching Assistant, University of North Carolina Gillings School of Global Public Health
2011-2015	Research Assistant, University of North Carolina Gillings School of Global Public Health
2016-2017	Consultant, Baylor Scott & White Healthcare
2015-2017	Research Scholar, Duke Global Health Institute, Duke University
9/2017-	Adjunct Assistant Professor of Global Health, Duke Global Health Institute, Duke University
8/2017 -	Assistant Professor, Epidemiology, Baylor University
1/2018 -	Affiliate Faculty, Health Services Research, Hankamer Business School of Business, Baylor University
1/2018-	Fellow, Baylor College of Medicine National School of Tropical Medicine
11/2018 -	Non-Resident Fellow, Institute for Studies of Religion, Baylor University
2019 -	Adjunct Faculty Member, Michael E. DeBakey Department of Surgery, Baylor College of Medicine

Honors and Awards

2019	First Place Oral Presentation – Bethune Round Table International Conference
2019	Baylor University Proposal Development Award Program
2017	Baylor University Rising Stars Program
2014	Center for AIDS Research Dissertation Grant
2009	Rosalynn Carter Institute for Caregiving Leadership Award
2010	Administration on Aging Excellence Award

C. Peer-reviewed Publications

*Denotes first author (total=15)

**Denotes senior author (total =8)

1. **Smith ER***, Concepcion T, Mohamed M, Dahir S, Ismail EA, Shrimme M, Rice HE. Waiting Too Long: The Contribution of Delayed Surgical Access to Pediatric Disease Burden in Somaliland. *World Journal of Surgery*. 2019. (*in press*)
2. Abdul-Mumin A, Anyomi TK, Owusu Sheila, Wright N, Decker J, Neimeier K, Benavidez G, Abantanga FA, **Smith ER****, Tabiri S. Burden of Neonatal Conditions in Northern Ghana. *World Journal of Surgery*. 2019. (*in press*).
3. Wright NJ. **Global PaedSurg Research Collaboration**. Management and outcomes of gastrointestinal congenital anomalies in low, middle and high income countries: protocol for a multicentre, international, prospective cohort study. *BMJ open*. 2019;9(8):e030452. Epub 2019/09/05. doi: 10.1136/bmjopen-2019-030452. PubMed PMID: 31481373; PubMed Central PMCID: PMC6731898.
4. Vissoci JR, Ong CT, Andrade Ld, Rocha TAH, Silva NCd, Poenaru D, **Smith ER****, Rice HE. Disparities in surgical care for children across Brazil: Use of geospatial analysis. *PloS one*. 2019;14(8):e0220959.
5. **Smith ER***, Concepcion TL, Niemeier KJ, Ademuyiwa AO. Is Global Pediatric Surgery a Good Investment? *World journal of surgery*. 2019;43(6):1450-5.
6. **Smith ER***, Concepcion TL, Mohamed M, Dahir S, Ismail EA, Rice HE, et al. The contribution of pediatric surgery to poverty trajectories in Somaliland. *PloS one*. 2019;14(7):e0219974.
7. Grabski D, Ameh E, Ozgediz D, Oldham K, Abantanga FA, Abdel-malak M, **GICS Collaborators**. Optimal Resources for Children's Surgical Care: Executive Summary. *World journal of surgery*. 2019;43(4):978-80.
8. Concepcion TL, **Smith ER***, Mohamed M, Dahir S, Ismail EA, Leather AJ, et al. Provision of Surgical Care for Children Across Somaliland: Challenges and Policy Guidance. *World journal of surgery*. 2019:1-11.
9. Concepcion T, Mohamed M, Dahir S, Ismail EA, Poenaru D, Rice HE, **Smith ER****. Prevalence of Pediatric Surgical Conditions Across Somaliland. *JAMA network open*. 2019;2(1):e186857-e.
10. **GICS Collaborators**. Global Initiative for Children's Surgery: A Model of Global Collaboration to Advance the Surgical Care of Children. *World journal of surgery*. 2019:1-10.
11. Zafar SN, Canner JK, Nagarajan N, Kushner AL, Gupta S, Tran TM, **SOSAS4 Research Group**. Road traffic injuries: cross-sectional cluster randomized countrywide population data from 4 low-income countries. *International Journal of Surgery*. 2018;52:237-42.
12. Yousef Y, St-Louis E, Baird R, **Smith ER**, Guadagno E, St-Vil D, et al. A systematic review of capacity assessment tools in pediatric surgery: Global Assessment in Pediatric Surgery (GAPS) Phase I. *Journal of pediatric surgery*. 2018.
13. **Smith ER***, van de Water BJ, Martin A, Barton SJ, Seider J, Fitzgibbon C, et al. Availability of post-hospital services supporting community reintegration for children with identified surgical need in Uganda. *BMC health services research*. 2018;18(1):727.
14. **Smith ER***, Concepcion T, Lim S, Sadler S, Poenaru D, Saxton AT, et al. Disability weights for pediatric surgical procedures: a systematic review and analysis. *World journal of surgery*. 2018;42(9):3021-34.
15. Goodman LF, St-Louis E, Yousef Y, Cheung M, Ure B, Ozgediz D, **GICS Collaborators**. The Global Initiative for Children's surgery: optimal resources for improving care. *European Journal of Pediatric Surgery*. 2018;28(01):051-9.
16. Fuller AT, Corley J, Tran TM, Butler EK, Vissoci JR, Andrade L, **Smith ER****. Prevalence of surgically untreated face, head, and neck conditions in Uganda: a cross-sectional nationwide household survey. *World neurosurgery*. 2018;110:e747-e54.
17. Davé DR, Nagarjan N, Canner JK, Kushner AL, Stewart BT, **SOSAS4 Research Group**. Rethinking burns for low & middle-income countries: differing patterns of burn epidemiology, care seeking behavior, and outcomes across four countries. *Burns*. 2018;44(5):1228-34.
18. Bearden A, Fuller AT, Butler EK, Tran T, Makumbi F, Luboga S, **Smith ER****. Rural and urban differences in treatment status among children with surgical conditions in Uganda. *PloS one*. 2018;13(11):e0205132.
19. Appenteng R, Nelp T, Abdelgadir J, Weledji N, Haglund M, **Smith ER**, et al. A systematic review and quality analysis of pediatric traumatic brain injury clinical practice guidelines. *PloS one*. 2018;13(8):e0201550.

20. Abdelgadir J, Punchak M, **Smith ER***, Tarnasky A, Muhindo A, Vissoci JRN, et al. Pediatric traumatic brain injury at Mbarara regional referral hospital, Uganda. *Journal of clinical neuroscience*. 2018;47:79-83.
21. **Smith ER***, Vissoci JRN, Rocha TAH, Tran TM, Fuller AT, Butler EK, et al. Geospatial analysis of unmet pediatric surgical need in Uganda. *Journal of pediatric surgery*. 2017;52(10):1691-8.
22. **Smith ER***, Sheahan AD, Heyderman RS, Miller WC, Wheeler S, Hudgens M, et al. Performance of HIV rapid tests among breastfeeding, Malawian infants. *The Pediatric infectious disease journal*. 2017;36(4):405-11.
23. **Smith ER***, Hudgens M, Sheahan AD, Miller WC, Wheeler S, Nelson JA, et al. Timing of HIV seroreversion among HIV-exposed, breastfed infants in Malawi: Type of HIV rapid test matters. *Maternal and child health journal*. 2017;21(2):248-52.
24. Sheahan A, Feinstein L, Dube Q, Edmonds A, Chirambo CM, **Smith ER**, et al. Early Antiretroviral Therapy Initiation and Mortality Among Infants Diagnosed with HIV in the First 12 Weeks of Life: Experiences from Kinshasa, DR Congo and Blantyre, Malawi. *The Pediatric infectious disease journal*. 2017;36(7):654.
25. Ploss B, Abdelgadir J, **Smith ER***, Fuller A, Vissoci JRN, Muhindo A, et al. Pilot use of a novel tool to assess neurosurgical capacity in Uganda. *World neurosurgery*. 2017;108:844-9. e4.
26. Kuo BJ, Vissoci JRN, Egger JR, **Smith ER**, Grant GA, Haglund MM, et al. Perioperative outcomes for pediatric neurosurgical procedures: analysis of the National Surgical Quality Improvement Program–Pediatrics. *Journal of Neurosurgery: Pediatrics*. 2017;19(3):361-71.
27. Butler EK, Tran TM, Nagarajan N, Canner J, Fuller AT, Kushner A, **Smith ER****. Epidemiology of pediatric surgical needs in low-income countries. *PloS one*. 2017;12(3):e0170968.
28. Abdelgadir J, **Smith ER***, Punchak M, Vissoci JR, Staton C, Muhindo A, et al. Epidemiology and characteristics of neurosurgical conditions at Mbarara regional referral hospital. *World neurosurgery*. 2017;102:526-32.
29. Abdelgadir J, **Smith ER***, Punchak M, Vissoci J, Staton C, Park L, et al. Outcomes and Predictors of Mortality in Neurosurgery Patients at Mbarara Regional Referral Hospital, Mbarara, Uganda. *Annals of Global Health*. 2017;1(83):18-9.
30. Saxton AT, Poenaru D, Ozgediz D, Ameh EA, Farmer D, **Smith ER**, et al. Economic analysis of children's surgical care in low-and middle-income countries: a systematic review and analysis. *PloS one*. 2016;11(10):e0165480.
31. Fuller AT, Haglund MM, Lim S, Mukasa J, Muhumuza M, Kiryabwire, **Smith ER****. Pediatric neurosurgical outcomes following a neurosurgery health system intervention at Mulago National Referral Hospital in Uganda. *World neurosurgery*. 2016;95:309-14.
32. Butler EK, Tran TM, Fuller AT, Brammell A, Vissoci JR, de Andrade L, **Smith ER****. Quantifying the pediatric surgical need in Uganda: results of a nationwide cross-sectional, household survey. *Pediatric surgery international*. 2016;32(11):1075-85.
33. Stevens AB, Hochhalter AK, Basu R, **Smith ER**, Thorud JL, Jo C, et al. A Model Program of Community-Based Supports for Older Adults at Risk of Nursing Facility Placement. *Journal of the American Geriatrics Society*. 2015;63(12):2601-9.
34. Stevens AB, **Smith ER**, Trickett LR, McGhee R. Implementing an evidence-based caregiver intervention within an integrated healthcare system. *Translational behavioral medicine*. 2012;2(2):218-27.
35. Felder TM, Brandt HM, Armstead CA, Cavicchia PP, **Smith ER**, Braun KL, Adams SA. Creating a cadre of junior investigators to address the challenges of cancer-related health disparities: lessons learned from the Community Networks Program. *Journal of Cancer Education*. 2012;27(3):409-17.
36. Stevens AB, Lancer K, **Smith ER**, Allen L, McGhee R. Engaging communities in evidence-based interventions for dementia caregivers. *Family & Community Health*. 2009;32(1):S83-S92.
37. **Smith ER***, Stevens AB. Predictors of discharges to a nursing home in a hospital-based cohort. *Journal of the American Medical Directors Association*. 2009;10(9):623-9.

38. Adams SA, **Smith ER**, Hardin J, Prabhu-Das I, Fulton J, Hebert JR. Racial differences in follow-up of abnormal mammography findings among economically disadvantaged women. *Cancer: Interdisciplinary International Journal of the American Cancer Society*. 2009;115(24):5788-97.
39. **Smith ER***, Adams SA, Das IP, Bottai M, Fulton J, Hebert JR. Breast cancer survival among economically disadvantaged women: the influences of delayed diagnosis and treatment on mortality. *Cancer Epidemiology and Prevention Biomarkers*. 2008;17(10):2882-90.
40. Liese AD, Weis KE, Pluto D, **Smith E**, Lawson A. Food store types, availability, and cost of foods in a rural environment. *Journal of the American Dietetic Association*. 2007;107(11):1916-23.

D. Presentations and Posters

1. Ramirez T*, Concepcion T, Mohamed M, Dahir S, Ismail EA, Rice HE, **Smith ER**. Catastrophic expenditure of pediatric surgery in Somaliland. Baylor McNair Research Conference, Baylor University. September 26, 2019. Waco, Texas. (Presentation)
2. Mohamed M, **Smith ER**, Concepcion T, Dahir S, Ismail EA, Leather AJ. Provision of Surgical Care for Children Across Somaliland. Bethune Round Table. June 6-9, 2019. Alberta, Canada. (Poster)
3. **Smith ER**, Concepcion T, Dahir S, Ismail EA, Leather AJ. The contribution of pediatric surgery to poverty trajectories in Somaliland. Bethune Round Table. June 6-9, 2019. Alberta, Canada. (Presentation)
4. Dahir S, **Smith ER**, Concepcion T, Mohamed M, Ismail EA, Leather AJ. Prevalence of Pediatric Surgical Conditions Across Somaliland. Bethune Round Table. June 6-9, 2019. Alberta, Canada. (Presentation)
5. Ramirez T*, Concepcion T, Mohamed M, Dahir S, Ismail EA, Rice HE, **Smith ER**. The Economic Impact of Pediatric Surgical Conditions in Somaliland. Baylor Transdisciplinary Undergraduate Symposium. Baylor University. April 2, 2019. Waco, Texas. (Poster)
6. **Smith ER**. Building Global Surgery Capacity: An Epidemiology to Policy Approach. Houston Global Health Collaborative. March 8-9, 2019. Houston, Texas. (Invited presentation)
7. Ramirez T*, Concepcion T, Mohamed M, Dahir S, Ismail EA, Rice HE, **Smith ER**. The Economic Impact of Pediatric Surgical Conditions in Somaliland. University of Maryland Baltimore County McNair Research Conference. September 22, 2018. Baltimore, Maryland. (Presentation)
8. Ramirez T*, Concepcion T, Mohamed M, Dahir S, Ismail EA, Rice HE, **Smith ER**. The Economic Impact of Pediatric Surgical Conditions in Somaliland. Baylor Transdisciplinary Undergraduate Symposium. Baylor University. August 8, 2018. Waco, Texas. (Poster)
9. Yousef Y*, Baird R, Ameh E, **Smith ER**, Emil S, Laberge JM, Poenaru D. The Global Assessment in Pediatric Surgery (GAPS): Development of an evidence-based pediatric surgical capacity and training assessment tool aimed for resource-limited settings. Bethune Round Table. May 25-27, 2018. Toronto, Canada.
10. Malemo L*, **Smith ER**, Laberge JM, Emil S, Poenaru D. "Nothing about us without us"- Global surgical development and advocacy through research mentoring for surgical trainees and providers in resource-limited settings. Bethune Round Table. May 25-27, 2018. Toronto, Canada.
11. Barton, S. J.*, Blanchard, L., Dai, A., Doan, I., Paulenich, A., Sandhu, S., **Smith, E.R.**, van de Water, B., Martin, A., Seider, J., Fitzgibbon, C., Bility, M. M., Ekeji, N., Vissoci, J. R. N., Haglund, M. H., Bettger, J. P. Supports and Barriers to Community-Based Care for Children with Disabilities in Uganda. Poster presented at: the 2018 American Occupational Therapy Association Annual Conference; 2018 April 19-22; Salt Lake City, UT.
12. Bearden A*, **Smith ER**. Rural and urban differences in treatment status among children with surgical conditions in Uganda. Poster presented at: the Consortium of Universities for Global Health Conference; 2018 March 16-18; New York City, NY.
13. Kucera T*, **Smith ER**. Community member involvement in the education of underserved adolescents in southeast Brazil: A reproductive health education collaboration. Poster presented at the Consortium of Universities for Global Health Conference; 2018 March 16-18; New York City, NY.

14. Niemeier K*, Concepcion T, Mohamed M, Dahir S, Engel H, Moody K, Poenaru D, Rice H, **Smith ER**. Travel distance among children receiving surgery in Somaliland. Poster presented at: the Consortium of Universities for Global Health Conference; 2018 March 16-18; New York City, NY.
15. **Smith ER**, Concepcion T*, Adan E, Poenaru D, Rice, H. The unmet and met pediatric surgical needs in Somaliland. Invited presentation at the annual conference, Global Initiative for Children's Surgery. Vellore, India. January 2018.
16. Seider J*, Martin A, Sullivan B, Fitzgibbon C, Bility M, Ekeji N, Barton S, **Smith ER**, Bettger J. Global Alliance on Disability and Healthcare Innovation - Children and Adolescents: Assessing capacity to improve pediatric care transitions in low-income countries. American Physical Therapy Association Combined Sections Meeting. San Antonio, TX. February 15-18, 2017.
17. **Smith ER**, Concepcion T*, Adan E, Poenaru D, Rice, H. The unmet and met pediatric surgical needs in Somaliland. Invited presentation at COSESCA. December 2017.
18. **Smith ER**. Pediatric outcomes following a neurosurgery training camp in Uganda. WOFAPS World Congress of Pediatric Surgery. Washington, DC. October 2016.
19. **Smith ER**, Lim S*, Sadler S, Rice HE. A systematic review of pediatric disability weights. WOFAPS World Congress of Pediatric Surgery. Washington, DC. October 2016.
20. **Smith ER**, Butler EK*, Tran TM, Nagarajan N, Canner J, Fuller AT, Kushner A, Haglund MM. Epidemiology of pediatric surgical needs in low-income countries. WOFAPS World Congress of Pediatric Surgery. Washington, DC. October 2016.
21. Kushner A, Tran TM, **Smith ER**, Nagarajan N, Fuller AT. Surgical needs in four low-income countries. American College of Surgeons Clinical Congress. Washington, DC. October 2016.
22. Stevens AB, **Smith ER**, and Hochhalter A. Supporting Participant-Directed Community Living for Seniors at Risk of Nursing Home Placement. Aging in America Conference. San Francisco. California. April 2011.
23. Phillips K, Stevens AB, **Smith ER**. Psychology in Primary Care: An Evaluation of Best Practices. 17th Annual HMO Research Network Conference, Boston, MA. March 23rd-25th, 2011.
24. Stevens AB, McGhee R, **Smith ER**, Hochhalter A. Promoting Partnerships to Support Participant-Directed Community Living for Seniors and Veterans. Gerontological Society of America. New Orleans, Louisiana. November 2010.
25. **Smith ER**, McGhee R, Jones JJ, Rush J, Butler T and Stevens AB. The Central Texas Community Living Program. Gerontological Society of America. New Orleans, Louisiana. November 2010.
26. Stevens AB, **Smith ER**, Hochhalter A. A Community/Health System Partnership to Deliver the Care Transitions Intervention. Gerontological Society of America. New Orleans, Louisiana. November 2010.
27. **Smith ER** and Stevens AB. The Family Caregiver Program. Where we've been, Where we are and Where we're going. 2010 Evidence-Based Nursing Research Conference. Temple, Texas. June 2010.
28. **Smith ER**. The Central Texas Community Living Program. Presented at the Central Texas ADRC Advisory Council meeting, Belton, Texas. January 2010.
29. Trickett LA, **Smith ER**, Stevens AB. The Scott & White Family Caregiver Program: An Evidence-based Intervention Available to Caregivers of Persons with Dementia. Poster session presented at the 2010 American Counseling Association Conference & Exposition in Pittsburgh, Pennsylvania. March 2010.
30. **Smith ER** and Adams SA. Racial Disparities in Interval Diagnosed Breast Cancers in South Carolina. Presented at the HMO Research Network 2010 National Annual Meeting. Austin, Texas. March 2010.
31. **Smith ER**, & Stevens AB. The development of a hospital-based risk profile to identify elderly persons at-risk for nursing home placement. Poster session presented at the 2009 Annual Scientific Meeting of the American Geriatrics Society, Chicago, Illinois. April 2009.
32. **Smith ER**, & Stevens AB. The development of a hospital-based risk profile to identify elderly persons at-risk for nursing home placement. Poster session to be presented at the 2009 Annual Scientific Meeting of the American Geriatrics Society, Chicago, Illinois. April 2009.

33. **Smith ER**, & Stevens AB. The development of a hospital-based risk profile to identify elderly persons at-risk for nursing home placement. Poster session presented at the American Public Health Association's 136th Annual Meeting, Public Health Without Borders, San Diego, California. October, 2008.
34. Stevens AB, **Smith ER**. Scott and White's Aging and Care Family Resource Center: Evidence Based Interventions Available to Family Caregivers. Presented at the Alzheimer's Association Dementia Care Conference, Garden Grove, California. August, 2008.
35. Stevens AB, **Smith ER**. Scott and White Family Resource Center. Making Evidenced-Based Interventions available to Family Caregivers. Scott and White Evidence Based Nursing Research Conference, Temple, Texas. March 11, 13, 28, 2008.
36. **Smith ER**. Breast Cancer Survival Analysis among Economically Disadvantaged Women: The Influences of Delayed Diagnosis and Treatment on Mortality. American Public Health Association, Washington, DC. November 5th, 2007.
37. **Smith ER**. Breast Cancer Survival Analysis among Economically Disadvantaged Women: The Influences of Delayed Diagnosis and Treatment on Mortality. Department of Health and Environmental Control Epidemiology Seminar, Columbia, SC. February 2, 2007.
38. Liese AD, Weis KE, **Smith ER**, Pluto D. Availability and cost of health foods in a rural environment. 6th International Conference on Dietary Assessment Methods, Copenhagen, Denmark. April 27-29, 2006.
39. Liese AD, Weis KE, **Smith ER**. Availability and cost of health foods in a rural environment. 3rd Annual South Carolina Nutrition Research Summit, Columbia, South Carolina. November 4, 2005.

E. Research Support

Current Research Support:

1. 06/01/2019 – 05/31/2020 Role: Principal Investigator
Baylor University Dr. Benjamin F. Brown IV Fund for Interdisciplinary and Collaborative Scholarship
Alleviating Poverty among Children with Surgical Needs in Somaliland: A Feasibility Study
\$9,630

Research Support Under Review:

1. 2020-2021 Academic Year Role: Principal Investigator
Baylor University, Robbins College of Health and Human Services, Research Leave
Improving Child Health in Guatemala: Metrics for the Baylor-Compassion Initiative
Fall or Spring leave
2. 05/2020 – 10/2021 Role: Principal Investigator
Gates Foundation Grand Challenges
Targeting MCH Campaigns: Role of Epidemiology and Geospatial Analyses
\$100,000

Completed Research Support:

1. 06/01/2018 – 05/31/2019 Role: Principal Investigator
Baylor University Research Committee Grant
The Burden of Pediatric Surgical Conditions in Somaliland
\$7,500
2. 06/01/2019 – 07/30/2019 Role: Principal Investigator
Baylor University, Summer Research Sabbatical
20% salary support
3. 06/01/2018 – 07/30/2018 Role: Principal Investigator
Baylor University, Summer Research Sabbatical
20% salary support

4. 01/01/2016 – 01/01/2017 Role: Team Leader
Duke Institute for Brain Sciences, Bass Connections, Duke University
Improving Neurosurgery Patient Outcomes in Uganda.
\$20,000
5. 07/01/2016 – 06/30/2017 Role: Principal Investigator
Josiah Charles Trent Memorial Foundation Endowment Fund, Duke University
Quantifying the Pediatric Surgical Care Continuum.
\$4,000
6. 07/01/2016 – 06/30/2017 Role: Co-Principal Investigator
Josiah Charles Trent Memorial Foundation Endowment Fund, Duke University
Improving Neurosurgical Care Outcomes in a Ugandan Hospital.
\$5,000
7. 07/01/2016 – 06/30/2017 Role: Principal Investigator
DGHI Early Investigator Research Award Funds, Duke University
Quantifying the Pediatric Surgical Care Continuum.
\$5,000
8. 07/01/2016 – 06/30/2017 Role: Faculty Advisor
Duke Support for Interdisciplinary Graduate Networks (D-SIGN) Grants
Global Alliance on Disability and Healthcare Innovation – Children and Adolescents Project
\$25,000
6. 10/15/2015 – 10/15/2018 Role: Research Scholar
Duke Global Health Institute Early Investigator start-up funds
\$90,000
7. 12/1/2013 – 6/01/2014 Role: PI
University of North Carolina Center for AIDS Research Award (CFAR) for Doctoral Dissertation Research
Rapid HIV testing among breastfeeding, HIV exposed infants in Malawi: Test performance of two rapid
tests during the breastfeeding period and cost-effectiveness of various early infant diagnosis strategies.
\$5,000
8. 07/01/2009 – 07/01/2012 Role: Co-Investigator
NCCDPHP/CDC
Translating Research to Protect Health through Health Promotion, Prevention, and Preparedness.
\$250,000
9. 03/01/2008 – 04/30/2010 Role: Co-Investigator
Administration on Aging
Central Texas Nursing Facility Diversion Program Demonstration Project (AoA).
\$100,000
10. 05/01/2011- 4/30/2014 Role: Co-Investigator
Johnson & Johnson / Rosalynn Carter Institute
Identifying and Assisting At-Risk Family Caregivers in a Healthcare Setting.
\$150,000

Not Awarded Research Support:

1. 2019-2021 Role: Principal Investigator
Baylor University Illuminate Initiative
Improving Child Health in Guatemala: Metrics for the Baylor-Compassion Initiative
\$103,949

F. Students and Mentees

Baylor University

2018	Andie Grimm, Public Health, Graduate assistant advisor
2018-	Cesia Cotache, Public Health, Graduate assistant advisor
2018-	Sarah Henry, Public Health, MPH thesis advisor
2018-	Treasure Ramirez, Baylor McNair Scholars Program, chair
2017-2018	Sarah Powers, Honors College, thesis chair
2017-2018	Katelyn Moody, Honors College (dual degree MPH), thesis advisor
2017-2018	Janae Decker, Public Health, MPH internship supervisor
2017-2018	Ashley Bearden, Public Health, MPH internship supervisor
2017-2018	Melissa Curtis, Public Health, MPH internship supervisor
2018-	Vivian Vigliotti, HSR, dissertation committee member
2017-2018	Emilie Cunningham, HPR, dissertation committee member

Duke University

2018-	Kelsey Landrum, DGHI Master of Science in Global Health, thesis committee member
2016-2017	Charles Pate, DGHI Master of Science in Global Health, thesis committee member
2016-2017	Payal Chakroborty, DGHI Master of Science in Global Health, thesis committee member
2016-2017	Tessa Concepcion, DGHI Master of Science in Global Health, thesis chair
2015-2016	Nicole Toomey, DGHI Master of Science in Global Health, thesis committee member
2015-2016	Brittany Zick, DGHI Master of Science in Global Health, thesis committee member
2015-2016	Jihad Abdelgadir, DGHI Master of Science in Global Health, thesis committee member
2015-2017	Ben Kuo, DGHI Master of Science in Global Health, thesis committee member
2015-2017	Joe Incorvia, DGHI Master of Science in Global Health, thesis committee member

Other University

2016-	Etienne St-Louis, PhD student at McGill University, dissertation committee member
2016-	Yasmine Yousef, MS student at McGill University, thesis committee member

G. Teaching Experience

Baylor University

Fall 2019	Epidemiology/Vital Statistics, undergraduate
Fall 2019	Global Health Epidemiology, graduate
Summer/Fall 2019	Online Epidemiology, graduate
Spring 2019	Epidemiology/Vital Statistics, undergraduate
Fall 2018	Public Health Concepts in Epidemiology, graduate
Spring 2018	Epidemiology/Vital Statistics, undergraduate
Fall 2017	Global Health Epidemiology, graduate

Duke University

Fall 2016	Co-teaching "Global Surgery" course with Dr. Henry Rice at DGHI on Mondays/Wednesdays.
Fall 2016	"Research Design and Methods". Bass Connection Teams. Duke Global Health Institute.
Fall 2016	"How to Conduct Literature Reviews and Scientific Writing". Bass Connections Teams. Duke Global Health Institute.
Spring 2016	"Sensitivity Analyses and Multiple Imputation". Global Health Research: Quantitative Methods II. GLHLTH 707.
Spring 2016	"Effect Modification and Causal Inference". Introduction to Epidemiology: Focus on Global Health course. GLHLTH 362.
Spring 2016	"An Application of Cost-Effectiveness Research in LMICs". Economics of Global Health. GLHLTH 690.

University of North Carolina

- Fall 2013 Teaching Assistant, Epidemiology for Clinical Practice, Epidemiology 711, University of North Carolina Gillings School of Global Public Health.
- Spring 2012 Global Health Ethics. Course taught in Democratic Republic of Congo. University of North Carolina Gillings School of Global Public Health.
- Fall 2012 Teaching Assistant, Introduction to Epidemiology, Epidemiology 600, University of North Carolina Gillings School of Global Public Health.

Scott & White Healthcare

- Fall 2010 Workshop instructor, "Statistical Methods and Tools for Healthcare Professionals". Scott & White Healthcare, Temple, TX.
- Fall 2010 Workshop instructor, "Lunch and Learn Grants Workshop", Scott & White Healthcare. Temple, TX.

Guest Lectures

November 28, 2018	Macroeconomics of global pediatric surgery	Duke Global Health Institute; Global Surgery Course	Durham, NC
March 19, 2019	An Introduction to Global Surgery	Global Surgery Student Alliance	Baylor University
April 11, 2019	Public Health, Epidemiology, and Global Health	HED 1350	Baylor University
April 16, 2019	Advanced Research Methods	PUBH Research Methods course	Baylor University
October 10, 2019	The Intersection of Global Health and Epidemiology	Students Interested in Global Health (SIGHT)	Baylor University
November 5, 2019	The Intersection of Global Health and Epidemiology	PUBH Global Health (undergraduate)	Baylor University
November 7, 2019	Microeconomics of global surgery	Duke Global Health Institute; Global Surgery Course	Durham, NC

H. Professional Activities

- 2018- Global PaedSurg, Steering Committee member
- 2017- Consortium of Universities for Global Health member
- 2015- Global Initiative for Children's Surgery committee member
- 2015- DGHI Research Grant Proposal Review committee
- 2010-2012 Scott & White Healthcare / Texas A&M University Grant Proposal Review committee

I. Media Contributions

- 01/2019 Baylor University article, "Many Children in Somaliland Suffer Conditions that Could Be Eased by Surgery, but Most of Those Needs go Unmet, Study Finds"
<https://www.baylor.edu/mediacommunications/news.php?action=story&story=206372>
- 02/2019 Baptist Standard, "Baylor study: Surgical needs of children in Somaliland unmet"
<https://www.baptiststandard.com/news/world/baylor-study-surgical-needs-of-children-in-somaliland-unmet/>
- 07/2019 Wayland Magazine, "Dr. Smith making global impact through research role",
<https://www.wbu.edu/alumni-and-donors/documents/Wayland-Magazine-0719-FINAL.pdf>