JASON L. SALEMI, PhD, MPH, FACE

Professor of Epidemiology

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EDUCATION

2005 — 2014 **Doctor of Philosophy (PhD) in Public Health**
University of South Florida, College of Public Health, Tampa, FL
Department: Epidemiology & Biostatistics; *Concentration*: Epidemiology
Dissertation: Elective Early Term Delivery and Adverse Infant Outcomes

2008 **Graduate Certificate, Applied Biostatistics**
University of South Florida, College of Public Health, Tampa, FL

2003 —2005 **Master of Public Health**
University of South Florida, College of Public Health, Tampa, FL
Department: Epidemiology & Biostatistics; *Concentration*: Epidemiology

2004 **Graduate Certificate, Biostatistics**
University of South Florida, College of Public Health, Tampa, FL

1995 —2000 **Bachelor of Science, Summa Cum Laude**
University of South Florida, Tampa, FL
Major: Biology/Pre-Medical Sciences

PROFESSIONAL EXPERIENCE

Leadership Roles

2026 — Present **Chair, Department of Epidemiology**
2025 — 2026 **Interim Chair, Department of Epidemiology**
2022 — 2025 **President, COPH Faculty Assembly**
2021 — Present **Concentration Lead, PhD Program in Epidemiology**
College of Public Health
Morsani College of Medicine
University of South Florida, Tampa FL

2019 — 2020 **Director of Faculty Development**
2015 — 2020 **Director of Analytics, Center for Primary Care and Population Health Research**
2015 — 2020 **Associate Director, Primary Care Research Fellowship**
Department of Family and Community Medicine
Baylor College of Medicine, Houston, TX

Faculty Appointments

2024 — Present **Professor (tenured)**
2020 — 2024 **Associate Professor (tenured)**
Department of Epidemiology, College of Public Health
Department of Obstetrics and Gynecology, Morsani College of Medicine
University of South Florida, Tampa FL

2020 — Present **Adjunct Professor**
2019 — 2020 **Associate Professor (tenured)**
2014 — 2019 **Assistant Professor (tenure-track)**
Department of Family and Community Medicine
Baylor College of Medicine, Houston, TX

Additional Research and Administrative Roles

2010 –2014 **Epidemiology and Statistical Data Analysis Manager**
Department of Epidemiology and Biostatistics, College of Public Health
University of South Florida, Tampa FL

2008 –2010 **Epidemiology and Statistical Data Analysis Manager**
Birth Defects Surveillance Program, Department of Pediatrics, College of Medicine
University of South Florida, Tampa FL

2008 **Epidemiologist/Statistician**
Diabetes Research in Children Network (DirecNet)
Jaeb Center for Health Research Foundation, Inc., Tampa, FL

2007 –2008 **Research Associate III**
Cancer Prevention and Control
H. Lee Moffitt Cancer Center and Research Institute, Inc., Tampa, FL

2005 –2008 **Graduate Research Associate, Surveillance, Data Management and Analysis**
Birth Defects Surveillance Program, Department of Pediatrics, College of Medicine
University of South Florida, Tampa FL

2003 –2006 **Research Assistant, Data Management and Analysis**
Lawton & Rhea Chiles Center for Healthy Mothers & Babies
University of South Florida, Tampa FL

2003 –2004 **Research Assistant, Design and Evaluation**
Department of Community and Family Health, College of Public Health
University of South Florida, Tampa FL

2002 –2014 **Resident Night Manager**
Benjamin Mendick Hope Lodge
American Cancer Society, Tampa FL

HONORS AND AWARDS

2025 **Outstanding Mentorship Award**, American College of Epidemiology

2025 **Excellence in Teaching Award**, University of South Florida

2022 **Outstanding Research Achievement Award**, University of South Florida

2021 **Community Hero Honoree, Griot Drum Awards**, Tampa Bay Association of Black Journalists (TBABJ)

2021 **Above and Beyond Coronavirus Distinction (ABCD) Epi**, Society for Epidemiologic Research (SER)

2020 **President's Award**, National Birth Defects Prevention Network

2019 **Outstanding Research Contributor Award**, Texas Southern University

2019 **Faculty Outstanding Researcher of the Year Award, 2018-2019**, Department of Family and Community Medicine (FCM), Baylor College of Medicine (BCM)

2017 **Maternal and Child Health Student Training for Academic Readiness and Success (MCH STARS) Research Excellence Award**, Texas Southern University

2017 **Outstanding Alumni of the Year Award**, College of Public Health, University of South Florida

2016 **Faculty Outstanding Researcher of the Year Award, 2015-2016**, FCM, BCM

2015 **Member, Tau Chapter, Honorary Society in Public Health**, Delta Omega Honorary Society

2013 **NIH Travel Scholarship**, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institutes of Health (NIH), 2013

2008 **Outstanding Student Merit Scholarship**, College of Public Health, University of South Florida

2003 — 2006	**Latino Student Scholarship**, Graduate School, University of South Florida
2005 — 2006	**College of Public Health Scholarship**, College of Public Health, University of South Florida
2006	**Successful Latino Student Award**, Graduate School, University of South Florida, 2006
2003 — 2006	**Student Honorary Award for Research and Practice**, Office of Research, USF Health
1997 — 2000	**Member, USF Golden Key Chapter**, Golden Key International Honour Society
1997 — 1999	**Member, Arts & Sciences Honor Society**, College of Arts & Sciences, USF
1995 — 2000	**Dean's List**, Office of Undergraduate Studies, USF

GRANTS, CONTRACTS, AND FUNDING SUPPORT

Current

1 **Birth Defects Surveillance, Prevention, Research, and Evaluation**

Funding	Two CDC cooperative agreements and state general revenue resources support this contract
Type	Contract
PI(s)	PI: Jason L. Salemi, PhD; Co-PI: Jean Paul Tanner, PhD
Role/Effort	PI (35%), USF Project # 8880022100
Dates	Jul 2024 — Jun 2029
Cost	$928,282 direct; $1,020,000 total annually

2 **CADENCE – Continuous And Data-drivEN CarE**

Funding	National Institute on Drug Abuse, (NIDA), Award # 1R61DA057667
Type	Grant
PI(s)	Tanner Wright, MD; Jennifer Marshall, PhD
Role/Effort	Co-Investigator (3%), USF Project # 6122105001
Dates	Sep 2022 — Sep 2026
Cost	$678,481 annually ($462,974 direct)

Completed (limited to past 15 years)

3 **Modernizing Maternal and Infant Health Surveillance in Florida: A Phased, Real-World Evaluation of Electronic Data Exchange Platforms**

Funding	Strategic Initiative Funding – USF College of Public Health
Type	Competitive Internal Grant
PI(s)	Jason L. Salemi, PhD
Role/Effort	PI (5%)
Dates	Aug 2025 — Jul 2026
Cost	$69,736

4 **Disease Intervention Specialist Training Academy**

Funding	Florida Department of Health
Type	Contract
PI(s)	Ismael Hoare, PhD; Charurut Somboonwit, MD, FACP, FIDSA
Role/Effort	Co-Investigator (5%), USF Project # 6123133911
Dates	Oct 2022 — May 2026
Cost	$1,247,332

5 **Birth Defects and Developmental Disabilities, Prevention and Surveillance**

Funding	Centers for Disease Control and Prevention (CDC), Award # NU50DD000107
Type	Subaward from CDC cooperative agreement
PI(s)	Prime PI: Melissa Jordan, PhD (*Florida Department of Health)* Subaward PI: Russell S. Kirby, PhD (*University of South Florida*)
Role/Effort	Co-Investigator, USF Subaward (25–30%), USF Project # 6414110201
Dates	May 2021 — Apr 2026
Cost	$580,000, USF subaward (includes federal and state funds)

6 **Contribution of Contextual Factors and Neuropathology to Dementia**
- Funding: National Institute on Aging, Award # 1F31AG077865-01
- Type: Grant
- PI(s): Monica Nelson, MA
- Role/Effort: Co-Investigator/Mentor (no effort)
- Dates: Sep 2022 — Aug 2024
- Cost: $70,060

7 **Expanding Florida Perinatal Quality Collaborative Participation**
- Funding: Centers for Disease Control and Prevention (CDC), Award # NU58DP007257
- Type: Cooperative Agreement
- PI(s): William Sappenfield, MD, MPH
- Role/Effort: Co-Investigator (5-10%), USF Project # 6414109402
- Dates: Sep 2017 — Sep 2023
- Cost: $275,000 annually ($200,000 direct)

8 **Identifying Novel Cancer Predisposition Syndromes: An Integrative Epidemiologic and Genomic Approach**
- Funding: Department of Defense (DoD), Award # W81XWH-20-1-0567
- Type: Subaward from Baylor College of Medicine
- PI(s): Prime PI: Philip Lupo, PhD (*Baylor College of Medicine)*
  Subaward PI: Russell S. Kirby, PhD (*University of South Florida*)
- Role/Effort: Co-Investigator, USF Subaward (5%), USF Project # 6414112000
- Dates: Aug 2020 — Aug 2023
- Cost: $1,400,168 prime award; $110,380 USF subaward

9 **Strengthened Birth Defect Surveillance in Texas: Innovative Data Linkages, Applied Epidemiology, and Enhanced Prevention and Outreach**
- Funding: Centers for Disease Control and Prevention (CDC), Award # NU50DD000102
- Type: Subaward from CDC cooperative agreement
- PI(s): Prime PI: Mark Canfield, PhD (*Texas Department of State Health Services)*
  Subaward PI: Laura Mitchell, PhD (*University of Texas School of Public Health)*
  USF Lead: Jason L. Salemi, PhD (*University of South Florida*)
- Role/Effort: Co-Investigator, USF Subaward (5%), USF Project # 6419106000
- Dates: Sep 2021 — Apr 2023
- Cost: $300,000 annually, prime award; $20,101 USF subaward

10 **The Relation between Atmospheric Aerosol Concentration and Sars-CoV-2 spread and infection rate in the United States**
- Funding: Creative Scholarship Grant – University of South Florida
- Type: Seed Grant
- PI(s): Yasin Elshorbany, PhD
- Role/Effort: Co-Investigator (in-kind)
- Dates: May 2022 — Apr 2023
- Cost: $10,000

11 **Adverse Childhood Experiences: Impact on Maternal and Infant Outcomes Associated with Opioid Use Disorder**
- Funding: Women's Health Collaborative – University of South Florida
- Type: Seed grant
- PI(s): Tanner Wright, MD
- Role/Effort: Co-Investigator (in-kind)
- Dates: Sep 2021 — Aug 2022
- Cost: $15,000 (sponsored by PNC)

12 **Epidemiology of Neurological Birth Defects in Texas**
- Funding: The Children's Hosp. of San Antonio (CHRISTUS) Foundation
- Type: Contract
- PI(s): Jason L. Salemi, PhD
- Role/Effort: PI (5%), USF Project # 6419104400
- Dates: Feb 2021 — Dec 2021
- Cost: $10,033 total direct

13 **Assessing Quality and Access of Prenatal Care**
- Funding: Florida Department of Health
- Type: Contract
- PI(s): Jennifer Marshall, PhD
- Role/Effort: Co-Investigator (2%), USF Project # 6414112400
- Dates: Jul 2021 — Sep 2021
- Cost: $44,893

14 **Birth Defects Surveillance Program**
- Funding: Centers for Disease Control and Prevention (CDC)
- Type: Subaward from CDC cooperative agreement
- PI(s): Prime PI: Melissa Jordan, PhD (*Florida Department of Health)*
- Role/Effort: Co-Investigator, USF Subaward (30%), USF Project # 6414110200
- Dates: Jul 2019 — Jun 2021
- Cost: $527,273 total direct, USF subaward

15 **Capacity Assessment of Prenatal Health Care and Dependency Services Access in Florida**
- Funding: Florida Department of Health
- Type: Contract
- PI(s): Jennifer Marshall, PhD
- Role/Effort: Co-Investigator (5%), USF Project # 6414112100
- Dates: Mar 2021 — Jun 2021
- Cost: $75,000

16 **Validation of a screening tool to predict women at high risk for surgical failure following pelvic organ prolapse repair**
- Funding: Women's Health Collaborative – University of South Florida
- Type: Seed grant
- PI(s): Allison Wyman, MD
- Role/Effort: Co-Investigator (in-kind)
- Dates: July 2020 — Jun 2021
- Cost: $10,000 (sponsored by Betty Castor)

17 **Birth Defects Surveillance in Texas: Methodological Enhancement and Impactful Data Utilization**
- Funding: Centers for Disease Control and Prevention (CDC), Award # NU50DD004942
- Type: Subaward from CDC cooperative agreement
- PI(s): Prime PI: Mark Canfield, PhD (*Texas Department of State Health Services)*
  Subaward PI: Laura Mitchell, PhD (*University of Texas School of Public Health)*
  USF Lead: Jason L. Salemi, PhD (*University of South Florida*)
- Role/Effort: Co-Investigator, USF Subaward (13.25%), USF Project # 6419103000
- Dates: Feb 2017 — Jan 2021
- Cost: $28,732 annual direct, USF subaward

18 **Maternal, Infant, and Early Childhood Home Visiting (MIECHV) Program**
- Funding: Health Resources and Services Administration (HRSA), Award # X1033573
- Type: Subaward from HRSA grant
- PI(s): Prime PI: Astrid Ellis (*FL Association of Healthy Start Coalitions)*
  Subaward PI: Jennifer Marshall, PhD (*University of South Florida*)
- Role/Effort: Co-Investigator, USF Subaward (10%), USF Project # 6405107050
- Dates: Oct 2019 — Sep 2020
- Cost: $275,000 annual direct, USF subaward

19 **National Research Service Award and Institutional Research Training Grant in Primary Care—Baylor College of Medicine**
- Funding: Health Resources and Services Administration (HRSA), Award # T32HP10031
- Type: Grant
- PI(s): Roger J. Zoorob, MD, MPH
- Role/Effort: Assistant Director (in-kind)
- Dates: Jul 2016 — Jun 2021 *(left Feb 2020 due to job transition)*
- Cost: $325,973 annual direct; $1,629,867 direct, entire project period

20 **MCH Student Training for Academic Readiness and Success (MCH STARS)**
- Funding: Health Resources and Services Administration (HRSA), Award # T32HP10031
- Type: Grant
- PI(s): Hamisu M. Salihu, MD, PhD
- Role/Effort: Training and Curriculum Director (10%)
- Dates: Jun 2016 — May 2021 *(left Feb 2020 due to job transition)*
- Cost: $88,492 annual direct; $442,461 direct, entire project period (BCM portion only)

21 **Reducing Health Disparities in Primary Care Through a Family Medicine-Library Alliance**
- Funding: National Library of Medicine (NLM), Award # 1G08LM012634-01
- Type: Grant
- PI(s): Kiara K. Spooner, DrPH, MPH; Roger J. Zoorob, MD, MPH
- Role/Effort: Co-Investigator (5%)
- Dates: Sep 2017 — Aug 2020 *(left Feb 2020 due to job transition)*
- Cost: $99,506 annual direct; $300,000 direct, entire project period

22 **Baylor College of Medicine Center of Excellence in Health Equity, Training, and Research**
- Funding: Health Resources and Services Administration (HRSA), Award # D34HP31024
- Type: Grant
- PI(s): Toi Harris, MD
- Role/Effort: Evaluator/Trainer (20%)
- Dates: Jul 2017 — Jun 2022 *(left Feb 2020 due to job transition)*
- Cost: $628,258 annual direct; $3,141,292 direct, entire project period

23 **Enhancing Birth Defects Surveillance, Education, and Prevention Programs By Integrating Surveillance Data with Public Health Programs**
- Funding: Centers for Disease Control and Prevention (CDC)
- Type: Subaward from CDC cooperative agreement
- PI(s): Prime PI: Philip Cavicchia, PhD (*Florida Department of Health)*
  Subaward PI: Russell Kirby, PhD (*University of South Florida)*
  Baylor Lead: Jason L. Salemi, PhD (*Baylor College of Medicine*)
- Role/Effort: Co-Investigator, Baylor Subaward (15%)
- Dates: Feb 2016 — Jan 2020
- Cost: $23,454 annual direct, Baylor subaward

24 **Reducing Racial/Ethnic Disparities in CRC Screening: A Comprehensive EMR-Based Patient Navigation Program Including Technology-Driven CRC Outreach and Education**
- Funding: Cancer Prevention & Research Institute of Texas (CPRIT), Award # 1PP160122
- Type: Grant
- PI(s): Luis O. Rustveld, PhD, RD, LD
- Role/Effort: Evaluator (10%)
- Dates: Sep 2016 — Aug 2019
- Cost: $492,566 annual direct; $1,477,698 direct, entire project period

25 **Coaching and Education for Diabetes Distress (CEDD)**
- Funding: Institute of Coaching
- Type: Grant, ClinicalTrials.gov Identifier: NCT03617146
- Co-PI(s): Jason L. Salemi, PhD (*Baylor*); Charles C. Chima, MBBS, DrPH (*Univ of Mississippi*)
- Role/Effort: Co-PI (in-kind; faculty salary not permitted by funding agency)
- Dates: Jul 2018 — Jun 2019
- Cost: $39,190

26 **Healthy Start Initiative Eliminating Racial/Ethnic Disparities**
- Funding: Health Resources and Services Administration (HRSA), Award # H49MC12793
- Type: Grant
- PI: Estrelita “Lo” Berry, MA
- Role/Effort: Co-Investigator (5%–20%)
- Dates: Sep 2014 — May 2019
- Cost: $1,440,600 annual direct

27 **Fetal Alcohol Spectrum Disorders (FASD) South Practice and Implementation Center: A Focus on Primary Care and Social Work**

Funding	Centers for Disease Control and Prevention (CDC), Award # NU01DD001131
Type	Grant
PI(s)	Roger J. Zoorob, MD, MPH
Role/Effort	Evaluator (5–10%)
Dates	Sep 2014 — Sep 2018
Cost	$319,606 annual direct; $1,278,425 direct, entire project period

28 **Surveillance, Intervention, and Referral to Services Activities for Infants with Microcephaly or Other Adverse Outcomes Potentially Linked to Zika Virus**

Funding	Centers for Disease Control and Prevention (CDC), Award # NU50DD000013
Type	Subaward from CDC cooperative agreement
PI(s)	Prime PI: Melissa Jordan, PhD (*Florida Department of Health)* Subaward PI: Russell Kirby, PhD (*University of South Florida)* Baylor Lead: Jason L. Salemi, PhD (*Baylor College of Medicine*)
Role/Effort	Co-Investigator, Baylor Subaward (varying effort, primarily 25%)
Dates	Aug 2016 — Jul 2018
Cost	$43,995 annual direct, Baylor subaward

29 **Florida Birth Defects Registry – Enhancing Birth Defects Surveillance**

Funding	Subaward from CDC cooperative agreement
Type	Subaward from CDC cooperative agreement
PI(s)	Prime PI: Melissa Jordan, PhD (*Florida Department of Health)* Subaward PI: Russell Kirby, PhD (*University of South Florida)* Baylor Lead: Jason L. Salemi, PhD (*Baylor College of Medicine*)
Role/Effort	Co-Investigator, Baylor Subaward (10%)
Dates	Jul 2015 — Jun 2017
Cost	$15,636 annual direct, Baylor subaward

30 **Microcephaly and Central Nervous System Defects Surveillance**

Funding	Subaward from CDC cooperative agreement
Type	Subaward from CDC cooperative agreement
PI(s)	Prime PI: Melissa Jordan, PhD (*Florida Department of Health)* Subaward PI: Russell Kirby, PhD (*University of South Florida)* Baylor Lead: Jason L. Salemi, PhD (*Baylor College of Medicine*)
Role/Effort	Co-Investigator, Baylor Subaward (10%), USF project# 6405111600
Dates	Jul 2015 — Jun 2017
Cost	$15,636 annual direct, Baylor subaward

31 **Enhancing the Florida Birth Defects Registry through Linkage with Health, Social Services, and/or Educational Databases**

Funding	March of Dimes (MOD), Award # FY15-3809
Type	Grant
PI	Russell S. Kirby, PhD
Role/Effort	Co-Investigator, Baylor Subaward (10%)
Dates	Jul 2015 — Jun 2016, no-cost extension through Jun 2017
Cost	$15,636 annual direct, Baylor subaward

32 **Birth Defects Surveillance, Education, and Prevention Programs By Integrating Surveillance Data with Public Health Programs**

Funding	Centers for Disease Control and Prevention (CDC)
Type	Subaward from CDC cooperative agreement
PI(s)	Prime PI: Philip Cavicchia, PhD (*Florida Department of Health)* Subaward PI: Russell Kirby, PhD (*University of South Florida)* Baylor Lead: Jason L. Salemi, PhD (*Baylor College of Medicine*)
Role/Effort	Co-Investigator, Baylor Subaward (10%)
Dates	Feb 2015 — Jan 2016
Cost	$15,636 annual direct, Baylor subaward

33 **Toward Eliminating Health Disparities in Maternal and Child Health Populations**

Funding	Natl Institute on Minority Health & Health Disparities (NIMHD), Award # 1R24 MD008056-01
Type	Grant
PI	Hamisu M. Salihu, MD, PhD
Role/Effort	Co-Investigator (10%)
Dates	Apr 2013 — Dec 2015
Cost	$217,563 annual direct; $652,688 direct, entire project period

34 **Enhancing Birth Defects Surveillance, Education, and Prevention Programs By Integrating Surveillance Data with Public Health Programs**

Funding	Centers for Disease Control and Prevention (CDC), Award # NU50DD000013
Type	Subcontract from CDC Cooperative Agreement
PI(s)	Prime PI: Sharon Watkins, PhD (*Florida Department of Health)* Subaward PI: Russell Kirby, PhD (*University of South Florida)*
Role/Effort	Co-Investigator (20%)
Dates	Feb 2010 — Jan 2015
Cost	$168,766 annual direct; $843,832 direct, entire project period

35 **Clinically enhanced multi-purpose administrative dataset for comparative effectiveness research in the State of Florida**

Funding	Agency for Healthcare Research and Quality (AHRQ), Award # 1R01 HS19997-01
Type	Grant
PI(s)	Hamisu M. Salihu, MD, PhD
Role/Effort	Co-Investigator (10%)
Dates	Sep 2010 — Sep 2013
Cost	$257,892 annual direct; $773,678 direct, entire project period

36 **Access to Health Care, Timeliness of Services, and Costs among Children with Birth Defects**

Funding	March of Dimes (MOD) Foundation
Type	Subaward from March of Dimes grant
PI(s)	Prime PI: Cynthia Cassell, PhD (*University of North Carolina)* Subaward PI: Russell Kirby, PhD (*University of South Florida)*
Role/Effort	Co-Investigator (20%)
Dates	Feb 2010 — Jul 2013, no-cost extension through Apr 2014
Cost	$17,273 annual direct; $51,818 direct, entire project period

37 **Florida Registry and Surveillance for Hemoglobinopathies (RuSH) Program**

Funding	Centers for Disease Control and Prevention (CDC)
Type	Subcontract from CDC Cooperative Agreement
PI(s)	Prime PI: Bonifacio Dy, MD (*Florida Department of Health)* Subaward PI: Russell Kirby, PhD (*University of South Florida)*
Role/Effort	Co-Investigator (20%)
Dates	Feb 2010 — Jan 2012, no-cost extension through Aug 2013
Cost	Cost $46,404 annual direct; $139,213 direct, entire project period

PEER-REVIEWED PUBLICATIONS

Note: Underlining denotes student authorship (e.g., Doe JL). Underlining and italicizing denotes a post-doc or clinical fellow, or junior faculty trainee's authorship during federally-funded faculty training initiatives at Baylor College of Medicine (e.g., *Doe JL*).

Accepted, In Press *ordered chronologically (most-to-least current)*

1 Bolser MH, Elmore AL, Vazquez Plaza N, **Salemi JL**. Association of Lifetime Psychedelic Use with Past-Year Substance Use Disorders Among Women of Reproductive Age. **J Psychoactive Drugs.** Accepted Sep 1 2026; In Press.

Published *ordered chronologically (most-to-least current)*

1 Schraw JM, *Mims KC*, Stephens SB, Rasmussen SA, Desrosiers TA, Shumate CJ, Nembhard WN, Yazdy MM, Nestoridi E, Janitz AE, Tanner JP, Kirby RS, **Salemi JL**, Huff CD, Plon SE, Morris SA, Lupo PJ. Association Between Non-Syndromic Congenital Heart Disease and Childhood Cancer in a Population-Based, Retrospective Cohort of 11 Million Children. **J Am Heart Assoc.** 2026 Sep 15;15(18):e050164. PMID: 42714453.

2 Spooner KK, Swanson J, **Salemi JL**, Bruce MA, Thorpe RJ, Beech BM. Patient-provider communication quality: Impact of patients' weight, race and ethnicity. **Patient Educ Couns.** 2026 Nov;152:109810. PMID: 42580246.

3 Betancourt D, Shumate CJ, Gandhi H, Allred R, Yantz C, **Salemi JL**, Agopian AJ. Inpatient Hospitalization Charges for Children with Birth Defects in Texas, 2021-2023. **Birth Defects Res.** A2026 Aug;118(8):e70098. PMID: 42563130. PMCID: PMC13447581.

4 White L, Zimmer C, Jackman J, Liller KD, **Salemi JL**. E-Scooter and Bicycle Healthcare Utilization in U.S. Emergency Departments: Examined Through Mode-Specific Diagnostic Codes. **Int J Environ Res Public Health.** Accepted Jul 28 2026; 2026 Jul;23(8):972. PMID: 42652288.

5 Reid CN, Elmore AE, Mehra S, Pacheco-Garrillo M, **Salemi JL**, Sappenfield WM, Fryer K, Marshall J. Implementation and Evaluation of Secret Shopper Methodology to Examine Access to Prenatal Care for Patients with Opioid Use Disorder. **BMC Pregnancy Childbirth.** 2026 Jul 8. [Epub ahead of print]. PMID: 42420897.

6 Burgos EM, Chalmers C, Tanner JP, **Salemi JL**, Mikhail E, Mascoe C, Encalada Soto D. Perceived Access to Endometriosis Care Among Hispanic Women: A Cross-Sectional Survey. **Cureus.** 2026 Jul;18(7):e113230. PMID: 42633449. PMCID: PMC13499633.

7 Wolters R, Tark JY, Chambers TM, Desrosiers TA, Scheurer ME, Shumate CJ, Nembhard WN, Yazdy MM, Nestoridi E, Janitz AE, Tanner JP, Kirby RS, **Salemi JL**, Yu Y, Huff CD, Plon SE, Lupo PJ, Schraw JM. Increased risk of sarcomas in children with congenital anomalies: Findings from the Genetic Overlap Between Anomalies and Cancer in Kids (GOBACK) Registry Linkage Study. **Pediatr Blood Cancer.** 2026 Aug;73(8):e70415. PMID: 42170858.

8 Rutkowski RE, Tanner JP, Grosse SD, Waitzman NJ, Kirby RS, Elmore AL, **Salemi JL**. Validation of ICD-9-CM and ICD-10-CM Diagnosis Codes for Identifying Preterm Birth and Low Birthweight Infants in Florida Birth Hospitalizations, 2008–2018. **J Registry Manag.** 2026 Spring;53(1):22-34. PMID: 42267112. PMCID: PMC13245670.

9 LeCounte ES, **Salemi JL**, Vamos CA, Flynn HA, Kirby RS. Maternal Suicidal Behavior: Comparisons Between Pregnant and Postpartum Periods and Nonpregnancy, 2006-2019. **J Womens Health (Larchmt).** 2026 Jun;35(6):574-584. PMID: 41673995.

10 Rutkowski RE, Tanner JP, Elmore AL, Kirby RS, Agopian AJ, **Salemi JL**. Sibling Recurrence Risk of Non-Chromosomal Birth Defects: A Population-Based Study in Florida, 2000–2019. **Birth Defects Res.** 2026 Feb;118(2):e70034. PMID: 41720596.

11 Hsu C, Schraw JM, Rasmussen SA, Chambers TM, Desrosiers TA, Huff CD, Janitz AE, Kirby RS, Nestoridi E, Nembhard WN, **Salemi JL**, Shumate CJ, Tanner JP, Yazdy MM, Scheurer ME, Rabin KR, Lupo PJ. Structural Birth Defects and Leukemia Risk in Children with Down Syndrome. **Sci Rep.** 2025 Dec;16(1):1741. PMID: 41381659.

12 Ujah OI, **Salemi JL**, Rapkin RB, Sappenfield WM, Daley EM, Kirby RS. The Relationship Between Retrospectively Measured Pregnancy Intentions and Women's Stages of Behavior Change for Contraceptive Use and Effectiveness Level of Contraceptive Method Choice. **Epidemiologia (Basel).** 2025 Dec;6(4):87. PMID: 41439845. PMCID: PMC12732057.

13 Hoang TT, Schraw JM, Shumate CJ, Desrosiers TA, Nembhard WN, Yazdy MM, Nestoridi E, Janitz AE, Kirby RS, **Salemi JL**, Tanner JP, Chambers TM, Taylor MD, Huff CD, Plon SE, Lupo PJ, Scheurer ME. Co-occurrence of congenital anomalies and childhood brain tumors in 22 million live births. **Neuro Oncol.** 2025 Sep;27(7):1910-1922. PMID: 40138258. PMCID: PMC12417818.

14 Walters ME, Small BJ, Andel R, Lerch O, Horakova H, Molinari VA, **Salemi JL**, Vyhnalek M, Nedelska Z, Hort J. Differential MRI atrophy profiles and incident dementia: A cross-national comparison. **J Alzheimers Dis.** 2025 Oct;107(4):1539:1554. PMID: 40899929.

15 Rijnhart JJM, Bailey RJ, Agbodo J, Agrawal V, Rodriguez-Olmo VM, **Salemi JL**. Leveraging Mediation Analysis as a Tool to Study Mechanisms Underlying Health Inequities. **Ann Epidemiol.** 2025 Oct;110:1-6. PMID: 40664290.

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Note: Underlining denotes student authorship (e.g., Salemi JL). Underlining and italicizing denotes a post-doc or clinical fellow, or junior faculty trainee's authorship during federally-funded faculty training initiatives at Baylor College of Medicine (e.g., *Salemi JL*).

BOOK CHAPTERS

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OTHER WRITTEN WORKS COMMUNICATING RESEARCH RESULTS TO SCIENTIFIC COLLEAGUES

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INVITED PRESENTATIONS (ORAL)

1 **Salemi JL**. Statistics 101: Demystifying Statistics Commonly Used Statistical Tests and Models in Birth Defects Surveillance and Research. **Human Teratogens Course (co-sponsored by the Society for Birth Defects Research and Prevention, the Organization of Teratology Information Specialists, and USF Health).** Virtual, Feb 2026**.**

2 **Salemi JL**. The Message is the Medicine: Communicating for Better Health Outcomes. **Florida Area Health Education Centers (AHEC) Scholars Program.** Virtual, Jul 2025.

3 **Salemi JL**, Kulldorf M, Scacco JM, Winsberg EB. Science Communication, Evidence, and Accountability. **COVID Conversations: What Have We Learned: USF Health and Heterodox Academy.** Tampa, FL, Dec 2024.

4 **Salemi JL**. Misinformation Detox: A Guide for Public Health Warriors. **Florida Department of Health: General Staff Day.** Tampa, FL, Oct 2024.

5 **Salemi JL**. A Public Health Perspective on the COVID-19 Pandemic: Successes and Lessons Learned. **Florida Area Health Education Centers (AHEC) Scholars Program.** Virtual, Jun 2024.

6 **Salemi JL**. An Epidemiologist's Perspective on the COVID-19 Pandemic: Four years later. **Keynote for Annual Meeting. Early Childhood Council of Hillsborough County, Inc.** Tampa, FL, May 2024.

7 **Salemi JL**. Exploring the Real-World Applications of Health Surveillance. **Foundations of Epidemiology and Public Health (EPH 534E). Yale School of Public Health Executive M.P.H. Program.** Virtual, Nov 2023**.**

8 **Salemi JL**. Demystifying Statistics: Your Analytic Guide to Reading the Scientific Literature. **Human Teratogens Course (co-sponsored by the Society for Birth Defects Research and Prevention, the Organization of Teratology Information Specialists, and USF Health).** Virtual, Nov 2023**.**

9 **Salemi JL**. Desinformación en Salud Publica (Disinformation in Public Health). **Foro Internacional: Desinformación y Determinantes Sociales de Salud (International Forum: Misinformation and Social Determinants of Health).** Panama City, Panama, Mar 2023**.**

10 **Salemi JL,** Pasha MK, McGuire-Wolfe C, Mehmood A. Panel Discussion: Global Public Health Challenges for the Indo-Pacific and Central Asia An Inter-Regional Project. **International Visitor Leadership Program: US Department of State.** Tampa, FL, Mar 2023**.**

11 **Salemi JL**. Misinformation and disinformation during the COVID-19 pandemic. **American College of Epidemiology Annual Meeting.** Virtual, Sep 2022**.**

12 **Salemi JL**. This talk will save trillions of lives. But the speaker is a sell-out quack. Misinformation and harassment during the COVID-19 pandemic. **Epidemiology Seminar Series, University of Florida, College of Public Health and Health Professions.** Virtual, Sep 2022**.**

13 **Salemi JL**. A COVID-19 Update Prior to the FDA's Decision on Booster Shots. **Emergency Medical Planning Council of Hillsborough County (Florida).** Virtual, Sep 2022**.**

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31 **Salemi JL**, Tanner JP. Pre-Conference Training Workshop in Continuous Quality Improvement Activities in Birth Defects Surveillance. **National Birth Defects Prevention Network (NBDPN) Annual Meeting.** Arlington, VA, Mar 2020**.**

32 **Salemi JL**. Facilitating the Implementation of Alcohol Screening and Brief Intervention in Primary Care Practices Using the Electronic Health Record. **American Academy of Family Physicians Alcohol Screening and Brief Intervention Champions Meeting**, Kansas City, MO, Nov 2019**.**

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1 Pressman K, **Salemi JL**, Tanner JP, Crousillat DR, Cain MA. Impact of 2016 ACOG Postpartum Care Guidelines on Postpartum Readmissions. **Pregnancy**. 2026 Jan;2(S1):e70173. Society for Maternal Fetal Medicine Annual meeting, Las Vegas, NV, Feb 2026.

2 Andreadakis J, Wilkins O, Shkembi A, Wu A, Basile J, Krzeczowska A, Thalberg A, Linderbeck L, Zapata N, Silbert S, O'Driscoll M, Renteria A, Albitar M, Williams L, **Salemi JL**, Alman AC, Martin T, Swoboda D, Rivero G. Real-world validation of the molecular prognostic risk signature in acute myeloid leukemia treated with hypomethylating agents plus BCL-2 inhibitor. **Blood.** 2025;146(Supplement 1):3413. American Society of Hematology (ASH) Annual meeting, Orlando, FL, Dec 2025.

3 Wilkins O, Andreadakis J, Shkembi A, Wu A, Basile J, Krzeczowska A, Thalberg A, Linderbeck L, Zapata N, O'Driscoll M, Silbert S, Martin T, Renteria A, Albitar M, Williams L, **Salemi JL**, Alman AC, Swoboda D, Rivero G. Maturing progenitor-like immunophenotypic cluster and megakaryocytic repopulating ability predict measurable residual disease in Acute Myeloid Leukemia. **Blood.** 2025;146(Supplement 1):7049. American Society of Hematology (ASH) Annual meeting, Orlando, FL, Dec 2025.

4 Andreadakis J, Wilkins O, Kupfer G, Shkembi A, Wu A, Basile J, Krzeczowska A, Thalberg A, Linderbeck L, Zapata N, O'Driscoll M, Silbert S, Renteria A, Albitar M, **Salemi JL**, Alman AC, Martin T, Mims M, Swoboda D, Rivero G, Williams L. Integrative clinical and molecular analysis of outcome in elderly African ancestry Acute Myeloid Leukemia. **Blood.** 2025;146(Supplement 1):1733. American Society of Hematology (ASH) Annual meeting, Orlando, FL, Dec 2025.

5 Schraw JM, Desrosiers TA, Chambers TM, Scheurer ME, Shumate CJ, Nembhard WN, Yazdy MM, Nestoridi E, Janitz AE, Tanner JP, Kirby RS, **Salemi JL**, Huff CD, Plon SE, Lupo PJ. Evaluating the risk of carcinomas among children with congenital anomalies: A population-based study of 21 million births. **Cancer Res.** 2024;84(6_Supplement):6370. American Association for Cancer Research (AACR) Annual meeting, San Diego, CA, Apr 2024.

6 Scipioni A, VanDeman H, Tanner JP, **Salemi JL**, Duncan J. Adverse Obstetrical Outcomes are Increased in Adolescent Pregnancy. **J Pediatr Adolesc Gynecol**. 2024 Apr;37(2):306. North American Society for Pediatric and Adolescent Gynecology Annual Clinical and Research Meeting, Orlando, FL, Apr 2024.

7 Sawangkum PS, **Salemi JL**, Tanner JP, Kaimal AJ. Association of Mode of Delivery for Periviable Birth with Neonatal Outcomes. **Am J Obstet Gynecol**. 2024 Jan;230(1):S317. Society for Maternal Fetal Medicine Annual meeting, National Harbor, MD, Feb 2024.

8 Sawangkum PS, **Salemi JL**, Tanner JP, Kaimal AJ. Association of Hospital Volume with Mode of Delivery and Neonatal Outcome Among Periviable Births. **Am J Obstet Gynecol**. 2024 Jan;230(1):S316-S317. Society for Maternal Fetal Medicine Annual meeting, National Harbor, MD, Feb 2024.

9 Jhaveri V, Tanner JP, **Salemi JL**, Kamrava M, Rutherford T, David J, Anderson ML. Impact of hospital volume and margin status on survival following radical hysterectomy: An expanded NCDB study. **J Clin Oncol.** 2023 Mar;41(16):Suppl:e17527. American Society of Clinical Oncology Annual meeting, Chicago, IL, Jun 2023.

10 Elmore AL, Boghossian NS, McDermott S, McLain AC, Louis JM, Kendle AM, **Salemi JL**. Postpartum mental health hospital encounters among mothers with prenatal opioid use. **Am J Obstet Gynecol.** 2023 Mar;228(1):S260-S261. Society for Maternal Fetal Medicine Annual meeting, Tucson, AZ, Feb 2023.

11 Kendle AM, **Salemi JL**, Louis JM. Cystic fibrosis during pregnancy and severe maternal morbidity: Nationally representative data from 2006 to 2019. **Am J Obstet Gynecol.** 2023 Mar;228(1):S95-S96. Society for Maternal Fetal Medicine Annual meeting, Tucson, AZ, Feb 2023.

12 Ebied A, **Salemi JL**, Bakour C, Gillis N. History of Blood Transfusion and the Risk of Developing Hematologic Cancers in the United States: A Cross-Sectional Study Using the NHANES Database. **Cancer Res.** 2023;83(2_Supplement):A026. American Association for Cancer Research (AACR) Annual meeting, San Diego, CA, Nov 2022.

13 Pressman K, Kendle AM, Randis T, Donda K, **Salemi JL**, Louis J. Risk of neonatal congenital malformations in women with sleep-disordered breathing during pregnancy. **Am J Obstet Gynecol.** 2022 Mar;226(1):S721. Society for Maternal Fetal Medicine Annual meeting, Virtual, Feb 2022.

14 Delgado A, Kendle AM, Randis T, Donda K, **Salemi JL**, Louis J. Risk of adverse neonatal outcomes amongst nulliparous women with Sleep-Disordered Breathing during pregnancy. **Am J Obstet Gynecol.** 2022 Mar;226(1):S362. Society for Maternal Fetal Medicine Annual meeting, Virtual, Feb 2022.

15 Swanson J, Kendle AM, **Salemi JL**, Louis J. Association of insomnia with postpartum readmission rates. **Am J Obstet Gynecol.** 2022 Mar;226(1):S395. Society for Maternal Fetal Medicine Annual meeting, Virtual, Feb 2022.

16 Kendle AM, **Salemi JL**, Louis JM. Temporal trends of cystic fibrosis in pregnancy: 2006 to 2017. **Am J Obstet Gynecol.** 2022 Mar;226(1):S660-S661. Society for Maternal Fetal Medicine Annual meeting, Virtual, Feb 2022.

17 Hidalgo R, Ngo S, Watts E, Tanner JP, **Salemi JL**, Jackson AA, Greene KA, Wyman AM, Bassaly R. Anterior mesh length as a predictor of sacrocolpopexy success. **Am J Obstet Gynecol.** 2022 Mar;226(1):S1304-S1305. Society for Maternal Fetal Medicine Annual meeting, Virtual, Feb 2022.

18 Pelka, M, Lopez KN, **Salemi JL**, Shamshirsaz A, Castellanos D, Morris SA. Trends in Preterm Delivery Among Multiple Gestation Births With Critical Congenital Heart Disease. **Circulation.** 2021 Nov;144:A13820. American Heart Association. Boston, MA, Nov 2021.

19 Valentine-King, M, Trautner BW, Zoorob RJ, Germanos GJ, **Salemi JL**, Gupta K, Grigoryan L. Analysis of Recurrent Urinary Tract Infection Management in Outpatient Settings Reveals Opportunities for Antibiotic Stewards. **Antimicrobial Stewardship & Healthcare Epidemiology.** 2021 Jul;1(S1):s34. Society for Healthcare Epidemiology of America Annual Meeting, Virtual, Jul 2021.

20 Elmore A, **Salemi JL**, Lowry J, Lake-Burger H Kirby RS, Tanner JP. Accuracy of Maternal Opioid-related Diagnosis Codes among Infants with NAS, Florida 2017. **Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting**, Virtual, Jun 2021.

21 Mayor JM, **Salemi JL**, Dongarwar D, Salihu HM, Montero-Baker M, Mills JL, Chung J. 10-year Nationwide Outcomes Show That Females Have a Higher Risk of Death, But a Lower Risk of Major Amputation After Revascularization for Acute Limb Ischemia. **Arteriosclerosis, Thrombosis, and Vascular Biology.** 2020 Jun;40:A387. Arteriosclerosis, Thrombosis, and Vascular Biology. Virtual, Jun 2021.

22 Hollier JM, **Salemi JL**, Shulman RJ. Healthcare Burden of Childhood Functional Gastrointestinal Disorder Hospitalizations in the United States from 2002 to 2018. **Gastroenterology.** 2021 May;160(6):S-10. American Gastroenterological Association Digestive Disease Week. Virtual, May 2021.

23 Lynn MM, Lopez KN, Morris SA, **Salemi JL**, Sexson Tejtel SK. Adult Congenital Heart Disease Mortality in the United States, 1999-2017. **Circulation.** 2021 Mar;147(3-Meeting Abstract):398-399. American Academy of Pediatrics Annual Meeting. Virtual, Mar 2021.

24 Fryer K, Tanner JP, Sawangkum P, **Salemi JL**, Campos A, Wilson RE. Is Food Access Associated with Prevalence of Preterm Birth? **Obstet Gynecol.** 2020 May;135(1S):118S. American College of Obstetricians and Gynecologists (ACOG) Annual Meeting. Seattle, WA, Apr 2020. *In-person meeting canceled due to COVID-19 pandemic; accepted abstracts still published online.

25 Lynn M, **Salemi JL**, Morris SA, Lopez KN. US Trends in Infant Mortality due to Specific Critical Congenital Heart Defects from 1999 to 2017. **World J Pediatr Congenit Heart Surg.** 2020 Feb;11(2):OI4. Cardiology 2020: 23rd Annual Update on Pediatric and Congenital Cardiovascular Disease. Lake Buena Vista, FL, Feb 2020. PMID: 32043420.

26 Kaushal S, Lopez KN, **Salemi JL**, Morris SA. Trends in CHD Mortality in the United States by Sex. **World J Pediatr Congenit Heart Surg.** 2020 Feb;11(2):T43. Cardiology 2020: 23rd Annual Update on Pediatric and Congenital Cardiovascular Disease. Lake Buena Vista, FL, Feb 2020. PMID: 32043420.

27 Sosa IR, Miller-Chism CN, **Salemi JL**. The role of medical comorbidities and socioeconomic factors in the prevalence of venous thromboembolism among different ethnic/racial groups in a hospitalized population. **Blood**. 2019 Nov;134(Suppl 1):2160. American Society of Hematology Annual Meeting, Orlando, FL, Dec 2019.

28 Lopez KN, Lovick DK, Broussard N, Wang Y, **Salemi JL**. Higher Number of Transition Visits are Associated with Decreased Gaps In Care for Youth With Congenital Heart Disease. **Circulation.** 2019 Nov;140:A16465. American Heart Association. Philadelphia, PA, Nov 2019.

29 Cortes-Penfield NW, **Salemi JL**. What Predicts Journal Publication Tier and Audience Engagement in the Infectious Diseases Literature? A Review of 146 Publications. **Open Forum Infect Dis.** 2019 Nov;6(Suppl 2):S890-S891. IDWeek Annual Meeting, Washington DC, Oct 2019.

30 Kendle AM, **Salemi JL**, Tanner JP, Louis J. New WHO definition of maternal sepsis captures milder cases compared to Sepsis-2. **Am J Obstet Gynecol.** 2019 Jan;220(1):S542. Society for Maternal Fetal Medicine Annual meeting, Las Vegas, NV, Feb 2019.

31 Kendle AM, **Salemi JL**, Tanner JP, Louis J. Delivery-associated sepsis: trends in morbidity and mortality. **Am J Obstet Gynecol.** 2019 Jan;220(1):S76. Society for Maternal Fetal Medicine Annual meeting, Las Vegas, NV, Feb 2019.

32 Rivero GA, Perli E, Moreno S, **Salemi JL**. Excess in Atherosclerotic and Inflammametabolic Diseases Are Differentially Expressed in Myelodysplasia and Are Highly Dependent on Age, R-IPSS and Ethnicity. **Blood.** 2018 Nov;132(Suppl 1):4855. American Society of Hematology Annual Meeting, San Diego, CA, Dec 2018.

33 Germanos GJ, Trautner BW, Zoorob RJ, Drekonja DM, **Salemi JL**, Gupta K, Grigoryan L. No Benefit to Treating Male UTI for Longer than 7 Days: An Outpatient Database Study. **Open Forum Infect Dis.** 2018 Nov;5(Suppl 1):S465. PMCID: PMC6253532. IDWeek Annual Meeting, San Francisco, CA, Oct 2018.

34 Carvalho-Salemi J, **Salemi JL**, Wong Vega MR, Canada NL, Spooner KK, Beer SS, Juarez MD. Updated trends and outcomes in pediatric malnutrition 2012-2014. **J Acad Nutr Diet**. 2018 Sep;118(9)Supp:A22. Food and Nutrition Conference and Expo (FNCE). Washington, DC, Oct 2018.

35 Wells A, Germanos G, **Salemi JL**, Mikhail E. Gynecologic Surgeons' Perspectives on Risk Factors and Prophylaxis of Trocar Site Hernias: A National Survey. **Obstet Gynecol.** 2018 May;131(1S):190S. American Congress of Obstetricians and Gynecologists (ACOG) Annual Meeting. Austin, TX, May 2018.

36 Mogos MF, **Salemi JL**, Piano MR, McFarlin BL. Contemporary Appraisal of Sex Differences in Prevalence, Correlates, and Outcomes of Alcoholic Cardiomyopathy in the United States. **Circulation.** 2017 Nov;136:A14554. American Heart Association. Anaheim, CA, Nov 2017.

37 Wyman AM, Salomon Gonzalez M, **Salemi JL**, Mikhail E, Ahmed M, Hart S, Lai-Yuen S. Cost-effectiveness analysis of a pre-operative pelvic MRI to identify patients at high risk of surgical failure. **Female Pelvic Med Reconstr Surg**. 2017;23(5):S44-45. 38th Annual Scientific Meeting of the American Urogynecologic Society (AUGS). Providence, RI, Oct 2017.

38 Ramakrishnan R, **Salemi JL**, Stuart AL, Chen H, O'Rourke K, Kirby RS. The Prevalence, Correlates, and Survival of Infants with Congenital Diaphragmatic Hernia in Florida: 1998 - 2012. **Ann Epidemiol.** 2017 Aug;27(8):539. American College of Epidemiology (ACE) Annual Meeting. New Orleans, LA, Sep 2017.

39 AlSawah E, **Salemi JL**, Sarkar P, Imudia AN, Hoffman M, Mikhail E. The Association between Perioperative Outcomes and BMI among patients who underwent TLH for Uterine Cancer. **Obstet Gynecol.** 2017 May;129(1S):8J. American Congress of Obstetricians and Gynecologists (ACOG) Annual Meeting. San Diego, CA, May 2017.

40 Zesiewicz T, Perlman S, Sullivan K, Huang Y, **Salemi JL**, Klein M, Isaacs C, Good C, Shaw J, Lynch D. EPI-743 (Alpha-tocotrienol Quinone) Demonstrates Long-Term Improvement in Neurological Function and Disease Progression in Friedreich's Ataxia. **Neurology.** 2017 Apr;88(16):Supplement S17.005. American Academy of Neurology. Boston, MA, Apr 2017.

41 Spooner KK, **Salemi JL**. Shared Decision Making in the United States: Predictors and Disparities. **Ann Behav Med.** 2017 Mar;51:S1506-1507. Society of Behavioral Medicine (SBM) Annual Conference, San Diego, CA, April 2017.

42 Carvalho-Salemi J, **Salemi JL**, Wong Vega MR, Spooner KK, Beer SS, Canada NL, Juarez MD. Temporal trends, correlates, and healthcare utilization associated with an inpatient diagnosis of pediatric malnutrition, United States, 2002-2011. **JPEN J Parenter Enteral Nutr.** 2017 Feb;41(2):266-300. American Society for Parenteral and Enteral Nutrition: Clinical Nutrition Week. Orlando, FL, Feb 2017. *Won the "Best Abstract of Clinical Nutrition Week" award, as well as being an "Abstract of Distinction".

43 Halder G, **Salemi JL**, Palmer J, Hart S, Mikhail E. Association between obesity and perioperative morbidity in open versus laparoscopic sacrocolpopexy. **Female Pelvic Med Reconstr Surg**. 2017 Mar-Apr;23(2):146-150. Pelvic Floor Disorders (PFD) Week: The American Urogynecologic Society (AUGS) annual scientific meeting. Denver, CO, Sep 2016.

44 AlSawah E, **Salemi JL**, Hoffman M, Mikhail E. The recent trends towards minimally invasive surgery for hysterectomy performed for uterine cancer and its association with body mass index and perioperative morbidity. **J Minim Invasive Gynecol.** 2016 Nov-Dec;23(7):S35-36. American Association of Gynecologic Laparoscopies Annual Meeting. Orlando, FL, Nov 2016.

45 Zesiewicz T, Allison K, Jahan I, Shaw J, Murtagh FR, Jones T, Gooch C, **Salemi JL**, Klein MB, Miller G, Sullivan K. EPI-743 Improves Motor Function and CNS Biomarkers in PD: Results from a Phase 2A Pilot Trial. American **Neurology.** 2016 Apr;86(16):Supplement S40.004. Academy of Neurology Annual Meeting. Vancouver, BC, Canada, Apr 2016.

46 Mogos MF, Salinas-Miranda AA, Salihu HM, Medina IM, **Salemi JL**. Pre-eclampsia and immigrant status: A systematic review and meta-analysis of epidemiological studies. **Reprod Sci.** 2016 Mar;23(3):301A. Society of Reproductive Investigation (SRI) Annual Scientific Meeting. Montreal, QC, Canada, Mar 2016.

47 Schickler R, Mikhail E, **Salemi JL**, Plosker S, Hart S, Salihu HM, Imudia A. Association Between State-Mandated Insurance Coverage for Infertility Treatment and Surgical Approach for Management of Ectopic Pregnancy. **Fertil Steril.** 2015 Sep;104(3):e175. American Society for Reproductive Medicine Annual Meeting, Baltimore, MD, Oct 2015.

48 **Salemi JL**, Tanner JP, Stuart AL, Yu H, Kirby RS. Associations between exposure to ambient benzene and $PM_{2.5}$ during pregnancy and the risk of selected birth defects in offspring. **Birth Defects Res A Clin Mol Teratol.** 2015 May;103(5):S427. Teratology Society Annual Meeting, Montreal, Quebec, Canada, Jun 2015.

49 Tanner JP, **Salemi JL**, Yu H, Jordan MM, Duclos C, Cavicchia P, Correia JA, Watkins SM, Kirby RS, Stuart AL. Sensitivity of air pollution exposure estimates to exposure assessment decisions: Maternal exposures to ambient $PM_{2.5}$ and benzene. **Birth Defects Res A Clin Mol Teratol.** 2015 May;103(5):S426. Teratology Society Annual Meeting, Montreal, Quebec, Canada, Jun 2015.

50 Zesiewicz TA, Gooch C, Kim, SH, Farmer J, Jahan I, Huang Y, **Salemi JL**, Sullivan KL, Stephenson J. Longitudinal Study of Gait Dysfunction in Friedreich's Ataxia Using the GAITRite Walkway System. **Neurology.** 2015 Apr;84(14):Supplement P2 120. American Academy of Neurology meeting, Washington, DC, Apr 2015.

51 Zesiewicz TA, Kim, SH, Gooch C, Farmer J, Huang Y, **Salemi JL**, Jahan I, Sullivan KL, Wecker L, Stephenson J. Correlation of GAITRite Walkway System and Biodex Balance System measures to the FARS Score in Friedriech's Ataxia Patients: A Validation Study. **Neurology.** 2015 Apr;84(14):Supplement P2 123. American Academy of Neurology meeting, Washington, DC, Apr 2015.

52 Mikhail E, **Salemi JL**, Mogos MF, Hart S, Salihu HM, Imudia A. National trends of adnexal surgeries at the time of hysterectomy for benign indication, United States 1998-2011. **J Minim Invasive Gynecol.** 2015 Mar-Apr;22(3):S18. Society of Gynecologic Surgeons Annual Scientific Meeting, Orlando, FL, Mar 2015.

53 Mikhail E, **Salemi JL**, Salihu HM, Plosker S, Hart S, Imudia A. National Trends of Surgical Management of Ectopic Pregnancy in the United States 1998-2011. **J Minim Invasive Gynecol.** 2015 Nov-Dec;22(6):S13-14. American Association of Gynecologic Laparoscopies Annual Meeting, Las Vegas, NV, Nov 2015. *Award recipient for best abstract in the category of "Reproductive Issues".

54 Mikhail E, **Salemi JL**, Wyman A, Salihu HM, Imudia A, Hart S. National trends of Bilateral Salpingectomy during Vaginal Hysterectomy with and without Laparoscopic Assistance, United States 1998-2011. **J Minim Invasive Gynecol.** 2015 Nov-Dec;22(6):S85. American Association of Gynecologic Laparoscopies Annual Meeting, Las Vegas, NV, Nov 2015.

55 Cain MA, **Salemi JL**, Tanner JP, Kirby RS, Salihu HM, Louis J. Pregnancy as a window to future health: Maternal placental syndromes and short term cardiovascular outcomes. **Am J Obstet Gynecol.** 2015 Jan;212(1):S112. Society for Maternal Fetal Medicine Annual meeting, San Diego, CA, Feb 2015.

56 **Salemi JL**, Pathak EB, Pathak AP. Racial/Ethnic and Gender Disparities in Use of Drug-Eluting vs. Bare Metal Stents in ST-Elevation Myocardial Infarction Patients, 2006-2012. **Circulation.** 2014 Nov;130:A20395. American Heart Association Annual Meeting, Chicago, IL, Nov 2014.

57 Pathak EB, **Salemi JL**, Pathak AP. Does Evidence Influence Practice in the Real World? Secular Trends in Indication for PCI and Use of Drug-Eluting vs. Bare-Metal Stents from 2006-2012. **Circulation.** 2014 Nov;130:A20233. American Heart Association Annual Meeting, Chicago, IL, Nov 2014.

58 Salihu HM, Sultan DH, **Salemi JL**, Mogos MF, Naik E, Whiteman VE. The Expensive Placenta. The Rise in Health Care Cost in the United States Due to Placenta Accreta (1998-2009). **Reprod Sci.** 2014 Mar;21(3):392A. Society for Gynecologic Investigation, Florence, Italy, Mar 2014.

59 Cain MA, Tanner JP, **Salemi JL**, Salihu HM, Whiteman VE, Kirby RS. Gastroschisis Delivery after 37 Weeks Is Associated with Improved Neonatal Respiratory Function and Outcomes. **Reprod Sci.** 2014 Mar;21(3):171A. Society for Gynecologic Investigation, Florence, Italy, Mar 2014.

60 Cain MA, **Salemi JL**, Tanner JP, Mogos MF, Kirby RS, Whiteman VE, Salihu HM. Impact of gestational age at delivery on perinatal outcomes and hospital costs in pregnancies complicated by gastroschisis. **Am J Obstet Gynecol.** 2014 Jan;210(1):S97. Society for Maternal-Fetal Medicine Annual Meeting, New Orleans, LA, Feb 2014.

61 Whiteman VE, Salihu HM, **Salemi JL**, Mogos MF. The joint effects of pre-pregnancy body mass index (ppBMI) and gestational diabetes mellitus (GDM) on pregnancy outcomes and inpatient healthcare costs in Florida 2004-2009. **Am J Obstet Gynecol.** 2014 Jan;210(1):S46. Society for Maternal-Fetal Medicine Annual Meeting, New Orleans, LA, Feb 2014.

62 Salihu HM, Morton L, Huang H, Mbah AK, **Salemi JL**, Whiteman V. Racial Differences in DNA-Methylation of CpG Sites within Preterm-Promoting Genes and Gene Variants. **Am J Obstet Gynecol.** 2013;208(1):S251. Society for Maternal-Fetal Medicine Annual meeting, San Francisco, CA, Feb 2013.

63 Whiteman VE, Salihu HM, **Salemi JL**, Mogos MF. Epidemic of opioids use during pregnancy and the risk of preterm birth in the United States. **Am J Obstet Gynecol.** 2013 Jan;208(1):S227. Society for Maternal-Fetal Medicine Annual Meeting, San Francisco, CA, Feb 2013.

64 Louis J, Mogos MF, **Salemi JL**, Mercer B, Salihu HM. Obstructive Sleep Apnea is Associated with Increased Risk of Preeclampsia and Eclampsia. **Am J Obstet Gynecol.** 2013 Jan;208(1):S21. Society for Maternal-Fetal Medicine Annual meeting, San Francisco, CA, Feb 2013.

65 Salihu HM, Salinas A, Nash M, **Salemi JL**. Innovative Methods for Curriculum Development and Evaluation to Enhance Public Health Workforce in Comparative Effectiveness Research. **ICERI2011 Proceedings.** 2011;6910-6920. International Conference of Education, Research, and Innovation, Madrid, Spain, Nov 2011.

66 Nembhard WN, **Salemi JL**, Thumm J, Ethen M, Fixler DE, Canfield MA. Racial/ethnic disparities in the timing of death during early childhood among children with congenital heart defects. **J Epidemiol Community Health.** 2011;65:A282. Seattle, WA, Jun 2010.

67 Nembhard WN, **Salemi JL**, Ethen MK, Fixler DE, Canfield MA. Joint Effects of Gestational Age, Size at Birth and Maternal Ethnicity on Mortality Among Children with Birth Defects. **Am J Epidemiol.** 2010 Jun;171:S9. Society for Epidemiologic Research Annual Meeting, Seattle, WA, Jun 2010.

68 Park J, Tanner JP, Zheng W, **Salemi JL**, Huang Y, Rincon M, Zachariah B, Pow-Sang J, Sellers TA. Association of SNPs in angiogenesis genes with prostate cancer risk. **American Association for Cancer Research.** 2008 May;68(9):S3112. American Association for Cancer Research Annual Meeting, San Diego, CA, Apr 2008.

69 Siegel EM, **Salemi JL**, Giuliano AR, Karkoszka J, Anic GM, Arslan AA, Frenkel K. Factors associated with a biomarker of oxidant load, anti-HMdU aAb, among pre- and post-menopausal women. **American Association for Cancer Research.** 2008 May;68(9):S537. American Association for Cancer Research Annual Meeting, San Diego, CA, Apr 2008.

70 Nembhard WN, Wang T, Loscalzo ML, **Salemi JL**, Hauser KW. Are there ethnic differences in the prevalence of congenital heart defects among NH-black, NH-white and Hispanic infants? **Am J Epidemiol.** 2008 Jun;167(11):S55. Society for Epidemiologic Research's Annual Meeting, Chicago, IL, Jun 2008.

71 **Salemi JL**, Siegel EM, Lu B, Franco EL, Villa L, Giuliano AR. Dietary Carotenoid Intake and Risk of Squamous Intraepithelial Lesions of the Cervix: The Ludwig-McGill Human Papillomavirus Natural History Study. **Am J Epidemiol.** 2007 Jun;165(11):S58. Society for Epidemiologic Research Annual Meeting, Boston, MA, Jun 2007.

OTHER CONFERENCE PRESENTATIONS (ORAL)

1 **Salemi JL**, Dixon A. Expanding the Net: Evaluating New Data Sources to Improve Birth Defects Case Ascertainment in Stillbirths and Live Births. **National Birth Defects Prevention Network's Annual Meeting**, Denver, CO, Jul 2025.

2 Yantz C, Shumate C, Betancourt D, Allred R, Nguyen J, Agopian AJ, **Salemi JL**, Ahmad K. Epidemiology of Colpocephaly in the Texas Birth Defects Registry, 1999-2020. **National Birth Defects Prevention Network's Annual Meeting**, Denver, CO, Jul 2025.

3 Bulens SN, Powis R, Bohn HJ, **Salemi JL**. The Data Modernization Initiative and Its Impact: Is It Time To Reimagine Public Health Surveillance Evaluation? **National Association of Chronic Disease Directors (NACDD) Epidemiology and Surveillance Interest Group**, Virtual, Dec 2024.

4 Rijnhart JJM, Agbodo J, Agrawal V, Rodriguez-Olmo VM, Bailey RJ, **Salemi JL**. Understanding health disparities: where does mediation analysis fit in? **Mediation Research Days**, Montréal, Canada, Sep 2024.

5 Louis JM, Kendle AM, Elmore AL, **Salemi JL**. Insomnia During Pregnancy and Risk of Childhood Mortality in Offspring, Florida, 2006-2019. **World Sleep Conference**, Rio de Janeiro, Brazil, Oct 2023.

6 Garcia AN, Marquez E, Tanner JP, **Salemi JL**, Medina CA, Mikhail E, Propst K. Associations between Perioperative Outcomes and Immunocompromised Status in Patients Undergoing Sacrocolpopexy. **American Urogynecologic Society (AUGS).** Portland, OR, Oct 2023.

7 Freeman RE, Nguyen QA, **Salemi JL**, Bulka CM. Florida Red Tides and Preterm Birth: A Staggered Difference-in-Differences Analysis. **International Society of Exposure Science Conference**, Chicago, Illinois, Aug 2023.

8 Elmore A, Tanner JP, Swanson J, Kirby RS, Kendle AM, Wright T, **Salemi JL**. Mortality Risk among Infants with Prenatal Opioid Exposure by Neonatal Abstinence Syndrome Diagnosis and Race/Ethnicity. **National Birth Defects Prevention Network's Annual Meeting**, Atlanta, GA, Aug 2023.

9 Nguyen AH, Scheer D, Parr M, **Salemi JL**, Alman A, Schwartz S. Attention-Deficit/Hyperactivity Disorder and Risk of Parasomnias. **USF Health Research Day, University of South Florida**, Tampa, FL, Feb 2023.

10 Elmore A, Patrick SW, McNeer E, Fryer K, Reid CN, Sappenfield WM, Mehra S, **Salemi JL**, Marshall J. Treatment Access for Opioid Use Disorder Among Women with Medicaid in Florida. **7th Annual Florida Perinatal Mental Health Conference**, Tampa, FL, Dec 2022.

11 Elmore A, Patrick SW, McNeer E, Fryer K, Reid CN, Sappenfield WM, Mehra S, **Salemi JL**, Marshall J. Treatment Access for Opioid Use Disorder Among Women with Medicaid in Florida. **American Public Health Association Annual Meeting**, Boston, MA, Nov 2022.

12 Elmore A, **Salemi JL**, Kirby RS, Lowry J, Dixon A, Lake-Burger H, Tanner JP. Evaluation of Administrative Data for Identifying Maternal Opioid Use at Delivery, Florida 2017-2018. **Council of State and Territorial Epidemiologists (CSTE) Annual Meeting**, Louisville, KY, Jun 2022.

13 Campos A, Tanner JP, Wilson RE, **Salemi JL**, Sawangkum P, Fryer K, Louis-Jacques A. The Association between Living in a Food Desert and the Likelihood of Initiating Breastfeeding. **Society for Reproductive Investigation 68th Annual Scientific Meeting**, Boston, MA, Jul 2021**.**

14 Elmore A, Lowry J, Tanner JP, Kirby RS, Dixon A, **Salemi JL**, Lake-Burger H. Application and Evaluation of the CSTE Neonatal Abstinence Syndrome Case Definition, Florida 2017-2019. **Council of State and Territorial Epidemiologists (CSTE) Annual Meeting**, Virtual, Jun 2021.

15 Elmore A, **Salemi JL**, Lowry J, Lake-Burger H, Kirby RS, Tanner JP. Accuracy of Maternal Opioid-related Diagnosis Codes among Infants with NAS, Florida 2017. **Society for Pediatric and Perinatal Epidemiology (SPER) Annual Conference**, Virtual, Jun 2021.

16 Agana DG, **Salemi JL**. A novel way to characterize determinants of readmission patterns for patients with ambulatory care sensitive conditions. **North American Primary Care Research Group (NAPCRG) Annual Meeting**, Toronto, Ontario, Canada, Nov 2019**.**

17 Kirby RS, Tanner JP, **Salemi JL**. Florida Birth Defects Registry (FBDR) and FCDS Linkages. **Florida Cancer Data System Annual Meeting.** Orlando, FL, Jul 2019**.**

18 Elmore A, **Salemi JL**, Tanner JP, Lowry J, Lake-Burger H. ICD-10-CM Codes for Neonatal Abstinence Syndrome Surveillance. **Council of State and Territorial Epidemiologists (CSTE) Annual Meeting**, Raleigh, NC, Jun 2019**.**

19 Salciccioli KB, **Salemi JL**, Broda CR, Lopez KN. Disparities in Insurance Coverage for Hospitalized Adult Congenital Heart Disease Patients: The Effects of the Affordable Care Act. **Annual International Symposium on Congenital Heart Disease in the Adult.** Portland, OR, May 2019**.** *Award recipient for "Best Poster Abstract" in recognition of 'innovative and outstanding research that results in important insights into the pathophysiology, etiology, treatment, or outcomes in adults with congenital heart disease'.

20 **Salemi JL**, Modak S, Raza SA, Mejia de Grubb MC, Zoorob RJ. Opioid use during pregnancy increases postpartum readmission rates in women with and without major obstetric comorbidities. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Toronto, Ontario, Canada, May 2019**.** *Selected as a distinguished project/paper for the Completed Research Project category.

21 **Salemi JL**, Nash SG, Spooner KK, Hartje J, Gonzalez SJ, Zoorob RJ. Implementation of an Interprofessional Alcohol Screening and Brief Intervention Project to Effect Practice Change in Primary Care Clinics. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Toronto, Ontario, Canada, May 2019**.**

22 Zoorob RJ, **Salemi JL**, Mejia de Grubb MC, Modak S, Levine RS. A Nationwide Study of Breast Cancer, Depression, and Multimorbidity in the US: An Increasing Problem among Women and Men. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Toronto, Ontario, Canada, May 2019**.**

23 Spooner KK, **Salemi JL**, Zoorob RJ. Health-related internet use in community health settings: insights from patient and provider perspectives. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Toronto, Ontario, Canada, May 2019**.**

24 Levine RS, Weiss M, Mejia de Grubb MC, **Salemi JL**, Zoorob RJ, Hennekens CH. FDA Certification of treatments for infection with hepatitis C virus and increased racial disparities in mortality from hepatocellular carcinoma. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Toronto, Ontario, Canada, May 2019**.**

25 Aggarwal A, Nash SG, **Salemi JL**, Sidani MA, Latimer P, Boland N, Trantham R, Zoorob RJ. The New Blended Classroom Format for the Advanced Life Support in Obstetrics (ALSO) Provider Course: Results, Reflections, and Recommendations. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Toronto, Ontario, Canada, May 2019**.**

26 Levine RS, Fu JJ, Mejia de Grubb MC, **Salemi JL**, Zoorob RJ, Hennekens CH. Persistent racial inequalities in mortality from HIV after introduction of highly active anti-retroviral treatment (HAART). **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Toronto, Ontario, Canada, May 2019**.**

27 Elmore A, Tanner JP, Lowry J, Lake-Burger H, **Salemi JL**. Assessment of the Accuracy of ICD-10 Codes for Neonatal Abstinence Syndrome Surveillance. **University of South Carolina/South Carolina Department of Health and Environmental Control (USC/DHEC) Health Data Symposium 2019.** Columbia, SC, Feb 2019**.**

28 Germanos GJ, Grigoryan L, Trautner B, **Salemi JL**, Wang H, Zoorob RJ. Outpatient treatment of male UTI. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Washington, DC, May 2018**.**

29 Tanner JP, **Salemi JL**, Stuart AL, O'Rourke K, Kirby RS. Ambient benzene and $PM_{2.5}$ exposure during pregnancy: Examining the impact of exposure assessment decisions on associations between birth defects and air pollution. **International Clearinghouse for Birth Defects Surveillance and Research.** Austin, TX, Nov 2017.

30 Wyman AM, Salomon Gonzalez M, **Salemi JL**, Mikhail E, Ahmed M, Hart S, Lai-Yuen S. Cost-effectiveness analysis of a pre-operative pelvic MRI to identify patients at high risk of surgical failure. **American Urogynecologic Society (AUGS).** Providence, RI, Oct 2017.

31 Raza SA, **Salemi JL**, Tahir MR, Zoorob RJ. Using the geospatial distribution of age-adjusted gender disparities in cancer incidence to explore etiologic hypotheses. **International Symposium on Geospatial Health.** Baltimore, MD, Nov 2017**.**

32 Nguyen JE, **Salemi JL**, Tanner JP, Ashmeade T, Sutsko R, Kirby RS, Salihu HM, Drach L. Survival and healthcare utilization of infants diagnosed with lethal congenital malformations. **Pediatric Academic Societies (PAS).** San Francisco, CA, May 2017.

33 **Salemi JL**, Zoorob MJ. Bowling alone, dying together: The role of social capital in mitigating the drug overdose epidemic in the United States. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, San Diego, CA, May 2017**.**

34 **Salemi JL**, Wang M, Mejia de Grubb MC, Gonzalez SJ, Zoorob RJ. Clinical and sociodemographic disparities in rates and temporal trends of depression in patients hospitalized with type II diabetes mellitus. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, San Diego, CA, May 2017**.**

35 **Salemi JL**, Spooner KK, Salihu HM, Zoorob RJ. Rates of 30-Day Hospital Readmission Among Patients Discharged Against Medical Advice in the United States, 2013. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, San Diego, CA, May 2017**.**

36 Spooner KK, **Salemi JL**, Salihu HM, Zoorob RJ. Discharge Against Medical Advice in the United States: Predictors and Temporal Trends. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, San Diego, CA, May 2017**.**

37 **Salemi JL**, Mejia de Grubb MC, Gonzalez SJ, Zoorob RJ. Opioid Use Disorders and 30-Day Inpatient Readmission Rates in the United States, 2013. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, San Diego, CA, May 2017**.**

38 Mejia de Grubb MC, **Salemi JL**, Gonzalez SJ, Zoorob RJ, Levine RS. Correlates and temporal trends of substance use disorders among women aged 13-49 years in the US. **American College of Preventive Medicine.** Portland, OR, May 2017**.**

39 **Salemi JL**, Tanner JP, Kirby RS. Population-based surveillance of neonatal abstinence syndrome and maternal opioid use in Florida: Temporal trends and high-prevalence subgroups. **American Public Health Association Annual Meeting**, Denver, CO, Nov 2016.

40 **Salemi JL**, Tanner JP, Kirby RS. An Updated Evaluation of the Sensitivity and Accuracy of Birth Defects Indicators Appearing on 2003 Revision of the U.S. Standard Certificate of Live Birth: Has Anything Changed? **American Public Health Association Annual Meeting**, Denver, CO, Nov 2016.

41 **Salemi JL**, Spooner KK, Aggarwal A, Mejia de Grubb MC, Matas JL, Salihu HM. Differences in the national trends of hepatitis B and hepatitis C during pregnancy across sociodemographic, behavioral, and clinical characteristics, United States, 1998-2011. **American Public Health Association Annual Meeting**, Denver, CO, Nov 2016.

42 Tanner JP, **Salemi JL**, Kirby RS. Accuracy of hospital discharge diagnosis codes for neonatal abstinence syndrome. **American Public Health Association Annual Meeting**, Denver, CO, Nov 2016.

43 Tanner JP, **Salemi JL**, Kirby RS. Recurrence of neonatal abstinence syndrome in Florida: 1998-2009. **American Public Health Association Annual Meeting**, Denver, CO, Nov 2016.

44 Wilson RE, **Salemi JL**, Tackett H, Austin D, Berry EL, Salihu HM. Creation of a transformative and integrated database system for a Federal Healthy Start Program: Insights and challenges. **Healthy Start Grantee Convention**, Washington, DC, Sep 2016.

45 Mikhail E, **Salemi JL**, AlSawah E, Imudia AN, Hoffman M. The association between perioperative outcomes and surgical routes for hysterectomy in morbidly obese patients with uterine cancer. **Society of Laparoendoscopic Surgeons meeting.** Boston, MA, Sep 2016. *Award recipient for best abstract in the category of "Scientific Paper/Gynecology".

46 **Salemi JL**, Anderka M. Birth defects surveillance standards. **National Birth Defects Prevention Network's Virtual Annual Meeting.** Jun 2016.

47 Marshall J, Dolar L, Robinson C, Falope O, Tanner JP, **Salemi JL**, Kirby RS. Best practices for Family-Centered Management of Children with Birth Defects: Diagnosis, Referral and Support. **International Society on Early Intervention Conference.** Stockholm, Sweden, Jun 2016.

48 Mejia de Grubb MC, **Salemi JL**, Gonzalez S, Zoorob RJ, Levine R. Alcohol-related Health Disparities among Hispanics in the US. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Minneapolis, MN, May 2016**.**

49 Spooner KK, **Salemi JL**, Zoorob RJ. Disparities in Perceived Patient-Provider Communication Quality in the United States: Trends and Correlates. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Minneapolis, MN, May 2016**.**

50 Mejia de Grubb MC, **Salemi JL**, Kihlberg C, Gonzalez SJ, Zoorob RJ, Levine R. Disparities in accuracy of maternal perceptions of obesity among Hispanic children. **American College of Preventive Medicine Annual Conference**, Washington DC, Apr 2016**.**

51 Basu SK, Kaiser JR, **Salemi JL**, Gunn AJ. Glycemic Profile Phenotypes in Infants with Hypoxic Ischemic Encephalopathy Predicts Response to Hypothermia Treatment: Post Hoc Analysis of the CoolCap Study. **Eastern Society for Pediatric Research meeting.** Philadelphia, PA, Mar 2016.

52 **Salemi JL**. NBDPN Standards Data Quality Tools – Data Quality Performance Measures. **National Birth Defects Prevention Network's Annual Meeting.** Arlington, VA, Oct 2015.

53 **Salemi JL**. All Data Are (Most Likely) Not Created Equal: A SAS® Macro to Compare Structure and Data Across Multiple Datasets. **SouthEast SAS Users Group (SESUG) Annual Meeting.** Savannah, GA, Sep 2015.

54 Salihu HM, Wilson RE, **Salemi JL**, Berry EL. Best Practices in Evaluation using Virtual Analytics: The Ongoing Transformation of the Federal Healthy Start Program. **CityMatCH Urban Leadership Conference**, Salt Lake City, UT, Sep 2015.

55 **Salemi JL**, Anjohrin SB, Tanner JP, Rutkowski R. Evaluating Difficult Decisions in Public Health Surveillance: Striking the Right Balance between Timeliness and Completeness. **Council of State and Territorial Epidemiologists (CSTE) Annual Meeting**, Boston, MA, Jun 2015.

56 **Salemi JL**, Tanner JP, Sampat D, Dixon A, Anjohrin SB, Rutkowski R, Cavicchia P, Correia JA, Watkins SM, Kirby RS.. The Accuracy of Hospital Discharge Diagnosis Codes for Major Birth Defects: Evaluation of a Statewide Registry with Passive Case Ascertainment. **Florida Birth Defects Registry Statewide Meeting**, Tampa, FL, Jan 2015.

57 **Salemi JL**, Tanner JP, Anjohrin SB, Rutkowski R, Cavicchia P, Correia JA, Watkins SM, Kirby RS. Evaluating Difficult Decisions in Public Health Surveillance: Striking the Right Balance between Timeliness and Completeness. **Florida Birth Defects Registry Statewide Meeting**, Tampa, FL, Jan 2015.

58 Valavanis SA, Sultan DH, Emechebe N, Mendez VD, Mogos MF, **Salemi JL**, Salihu HM. Trends in prenatal care among Hispanic, Black and White women by insurance status, educational level, and personal, behavioral and clinical risk factors. **Eastern Regional Meeting of the National Association of African American Studies (NAAAS)**, Tampa, FL, Jul 2014.

59 Sultan DH, **Salemi JL**, Mogos MF, Salihu HM. Factors associated with not receiving prenatal care and its impact on birth outcomes. **American Public Health Association Annual Meeting**, Boston, MA, Nov 2013.

60 **Salemi JL**, Salinas A, August EM, Mogos MF, Mbah A, Salihu HM. Maternal Hepatitis B and Hepatitis C Infection and Neonatal Neurological Outcomes. **American Public Health Association Annual Meeting**, San Francisco, CA, Nov 2012.

61 Salihu HM, August EM, Weldeselasse H, **Salemi JL**, Sadio Y, Alio A. The Association Between Female Genital Mutilation and Intimate Partner Violence. **American Public Health Association Annual Meeting**, San Francisco, CA, Nov 2012.

62 Nembhard WN, **Salemi JL**, Ethen MK, Fixler DE, Thumm JN, Canfield MA. Racial/Ethnic Disparities in Age at Death During Early Childhood Among Children with Congenital Heart Defects. **World Congress on Public Health conference**, Addis Ababa, Ethiopia, Apr 2012.

63 Salinas A, Salihu HM, Nash M, **Salemi JL**, August E. Use of Cutting Edge Educational Technology for Comparative Effectiveness Research: Developing an Infrastructure for Informed Health Care Decision-Making. **American Public Health Association Annual Meeting**, Washington, DC, Nov 2011.

64 **Salemi JL**, Bettegowda V, Kissin D, Grigg CM, Sappenfield WM. Productive State MCH Data Partnerships Begins with Vital Records (Panel Discussion). **National Association of Public Health Statistics and Information Systems (NAPHSIS)/ National Center for Health Statistics (NCHS) Joint Annual Meeting**, New Orleans, LA, Jun 2011.

65 Citrin M, Citrin J, **Salemi JL**, Ranells J, Citrin P. Carotid Endarterectomy Closure: Stenosis Rate is Not Affected by Closure Technique. **Florida Vascular Society Annual Meeting**, West Palm Beach, FL, Apr 2011.

66 **Salemi JL**, Hauser KW, Sage SR, Tanner JP, Correia JA, Watkins SM, Kirby RS. A Comparison of Two Surveillance Strategies for Selected Birth Defects in Florida, 2003-06. **Maternal and Child Health Epidemiology Annual Meeting**, Tampa, FL, Dec 2009.

67 Nembhard WN, Wang T, Loscalzo ML, **Salemi JL**. Prevalence of congenital heart defects by race/ethnicity and sex. **World Congress on Public Health conference**, Istanbul, Turkey, Apr 2009.

68 **Salemi JL**, Sampat D, Correia JA. Environmental Public Health Tracking and Birth Defects in Florida. Concurrent breakout session titled "Update on Environmental Public Health Tracking and Birth Defects". **National Birth Defects Prevention Network's Annual Meeting**, Nashville, TN, Feb 2009.

69 **Salemi JL**, Nembhard WN, Hauser KW, Correia JA. Does Race Influence the Risk of Preterm Birth in Infants with Congenital Heart Defects? **Maternal and Child Health Epidemiology Annual Conference**, Atlanta, GA, Dec 2007.

70 Nembhard WN, Hauser KW, **Salemi JL**. Fetal growth and risk of preterm birth in non-Hispanic white, black and Hispanic infants with congenital heart defects. **American Public Health Association Annual Meeting**, Boston, MA, Nov 2006.

71 **Salemi JL**, Torrens AM, Fultz D, Marinelli R, McCormack-Brown KR. Counseling today for learning tomorrow: Impacting academic achievement – 2000-04 Results. **American Public Health Association Annual Meeting**, Washington, DC, Nov 2004.

72 **Salemi JL**, Torrens AM, Fultz D, Marinelli R, McCormack-Brown KR. Counseling today for learning tomorrow: Impacting academic achievement – 2000-03 Results. **American Public Health Association Annual Meeting**, San Francisco, CA, Nov 2003.

OTHER CONFERENCE PRESENTATIONS (POSTER)

1 Pressman K, Cain MA, Tanner JP, Galler O, **Salemi JL**. Changes in Postpartum Readmissions After National Guidelines for Hypertensive Disorders of Pregnancy: A Comparative Interrupted Time Series Analysis. **USF Health Research Day, University of South Florida**, Tampa, FL, Mar 2026.

2 Rutkowski RE, Tanner JP, Resler C, Kirby RS, Elmore AE, **Salemi JL**. Validation of ICD-9-CM and ICD-10-CM Diagnosis Codes for Identifying Preterm Birth and Low Birthweight Infants in Florida Birth Hospitalizations, 2008–2018. **USF Health Research Day, University of South Florida**, Tampa, FL, Mar 2026.

3 Elmore AE, Boghossian NS, McLain AC, McDermott S, Tanner JP, Kirby RS, Vazquez Plaza N, **Salemi JL**. Prenatal Opioid Exposure, Neonatal Withdrawal, and Early Childhood Hospital Encounter Risk, Florida 2005-2019. **USF Health Research Day, University of South Florida**, Tampa, FL, Mar 2026.

4 Rutkowski RE, Tanner JP, Rodriguez Manuele P, Elmore AE, Kirby RS, Agopian AJ, **Salemi JL**. Sibling Recurrence Risk of Non-Chromosomal Birth Defects: A Population-Based Study in Florida, 2000–2019. **USF Health Research Day, University of South Florida**, Tampa, FL, Mar 2026.

5 White L, Zimmer C, Jackson J, Liller K, **Salemi JL**. Injury Patterns and Hospital Admission Risk Among E-Scooter and Conventional Bicycle Riders: A National Cross-Sectional Analysis Using the 2021 NEDS. **USF Health Research Day, University of South Florida**, Tampa, FL, Mar 2026.

6 Chowdhury SK, Kirby RS, Rokonuzzaman, **Salemi JL**. The association of family interaction with non-academic screen time in preschool children: Analysis of data from the 2022-2023 National Survey of Children's Health. **USF Health Research Day, University of South Florida**, Tampa, FL, Mar 2026.

7 Tark JY, Desrosiers TA, Chambers TM, Scheurer ME, Shumate C, Nembhard WN, Yazdy MM, Nestoridi E, Janitz AE, Tanner JP, Kirby RS, **Salemi JL**, Huff CD, Plon SE, Lupo PJ, Schraw JM. A Population-Based Study of Carcinoma Risk in Children with Congenital Anomalies. **American Society of Preventive Oncology**, Philadelphia, PA, Apr 2025.

8 Agrawal V, Bailey RJ, Agbodo J, Rodriguez-Olmo VM, **Salemi JL**, Rijnhart JJM. Health inequity in education and episodic memory: differences between Hispanic and non-Hispanic groups. **USF Health Research Day, University of South Florida**, Tampa, FL, Feb 2025.

9 Sawangkum PS, **Salemi JL**, Tanner JP, Eiges A, Kaimal AJ. Mode of Delivery and Neonatal Survival Among Periviable Vertex Singleton Pregnancies. **USF Health Research Day, University of South Florida**, Tampa, FL, Feb 2025.

10 Rodriguez-Olmo VM, Bailey RJ, Agbodo J, Agrawal V, **Salemi JL**, Rijnhart JJM. Ethnic disparities in episodic memory are driven by ethnic differences in education. **USF Health Research Day, University of South Florida**, Tampa, FL, Feb 2025.

11 Sawangkum PS, **Salemi JL**, Tanner JP, Eiges A, Kaimal AJ. Mode of Delivery and Neonatal Survival Among Periviable Vertex Singleton Pregnancies. **Society for Maternal Fetal Medicine (SMFM) Pregnancy Meeting**, Denver, CO, Jan 2025.

12 Sawangkum PS, Tanner JP, **Salemi JL**, Duncan JR. Association Between Hypertensive Disorders and Neonatal Mortality Among Periviable Deliveries. **Society for Maternal Fetal Medicine (SMFM) Pregnancy Meeting**, Denver, CO, Jan 2025.

13 Fertel S, Cline K, Eckman C, Tanner JP, **Salemi JL**, Propst K. Complications Following Obstetric Anal Sphincter Injury Up to One Year Postpartum. **South Atlantic Association of Obstetricians and Gynecologists (SAAOG) Annual Meeting**, Asheville, NC, Jan 2025.

14 Reid CN, Chaphalkar C, **Salemi JL**, Marshall J, Szalacha L, Johnson K, Wright T, Fryer K. Improving Perinatal Opioid Use Disorder Identification through Electronic Medical Records Utilization. **Addiction Health Services Research (AHSR) Conference**, San Francisco, CA, Oct 2024.

15 Hernandez S, Arauz A, Rupani N, Jacob B, **Salemi JL**, Hoare I, Calvo A, Izurieta R. A The clinical and laboratory characteristics of patients with COVID-19 in Panama: A retrospective observational study. **American Public Health Association Annual Meeting**, Minneapolis, MN, Nov 2024.

16 Calvo A, Martinez Tyson D, Romero-Daza N, Padilla B, Hoare I, Salinas-Miranda A, Izurieta R, **Salemi JL**, Tanner JP, Lopez Castillo H. Research methods training in health in Latin America. **American Public Health Association Annual Meeting**, Minneapolis, MN, Nov 2024.

17 Reid CN, Chaphalkar C, **Salemi JL**, Marshall J, Szalacha L, Johnson K, Fryer K. Improving the Detection Accuracy of Opioid Use Disorder During the Perinatal Period: Development of a Comprehensive Algorithm. **CityMatCH Leadership & MCH Epidemiology Conference**, Seattle, WA, Sep 2024.

18 Rijnhart JJM, Robinson SR, Meng H, **Salemi JL**. Navigating complexity: efficient presentation of mediation effect estimates across intersections of multiple moderators. **32nd Annual Meeting of the Society for Prevention Research**, Washington, DC, May 2024.

19 Ahmad SF, **Salemi JL**, Ahmad K. Mortality of lissencephaly and holoprosencephaly in the first year of life among Texas infants. **Pediatric Academic Societies (PAS).** Toronto, Canada, May 2024**.**

20 Ahmad SF, **Salemi JL**, Ahmad K. Epidemiology and clinical features of lissencephaly and holoprosencephaly among a large cohort of Texas infants. **Pediatric Academic Societies (PAS).** Toronto, Canada, May 2024**.**

21 Bulens SN, Powis R, **Salemi JL**, Bohn HJ. The Data Modernization Initiative and Its Impact: Is It Time To Reimagine Public Health Surveillance Evaluation? **Council of State and Territorial Epidemiologists (CSTE) Annual Meeting**, Pittsburgh, PA, Mar 2024.

22 Freeman RE, Nguyen QA, Haaf S, **Salemi JL**, Bulka CM. Florida Red Tides and Low Birthweight: A Staggered Difference-in-Differences Analysis. **USF Health Research Day, University of South Florida**, Tampa, FL, Feb 2024.

23 Lowry J, **Salemi JL**, Tanner JP, Elmore AL, Lake-Burger H. Assessment of Linkage of Neonatal Abstinence Syndrome (NAS) Data in Florida, 2014-2020. **Council of State and Territorial Epidemiologists (CSTE) Annual Meeting**, Salt Lake City, UT, Jun 2023.

24 Elmore AL, Tanner JP, Swanson J, Kirby RS, Kendle AM, Wright T, **Salemi JL**. Mortality Risk among Infants with Prenatal Opioid Exposure by Neonatal Opioid Withdrawal Syndrome Diagnosis and Race/Ethnicity. **Society for Pediatric and Perinatal Epidemiology (SPER) Annual Conference**, Portland, OR, Jun 2023.

25 Tanner JP, Rutkowski RE, Elmore AL, Kirby RS, **Salemi JL**. Sibling Birth Defects Recurrence in Florida, 2000 to 2019. **Society for Pediatric and Perinatal Epidemiology (SPER) Annual Conference**, Portland, OR, Jun 2023.

26 Barry M, **Salemi JL**, Bakour C, Vamos CA, Halpern CT. Biomarkers of pre-pregnancy allostatic load and subsequent adverse birth outcomes. **The Population Association of America Conference**, New Orleans, LA, Apr 2023.

27 Salinas VA, Sanders LI, Rodriguez CE, **Salemi JL**. Mapping the Impact of the COVID-19 Pandemic on Youth HIV Incidence and Clinic Access in Hillsborough County. **USF Health Research Day, University of South Florida**, Tampa, FL, Feb 2023.

28 Barry M, **Salemi JL**, Vamos CA, Halpern CT. A Lifecourse Perspective on Receipt of Dental Care and Cardiometabolic Risk Factors among US Women. **American Public Health Association Annual Meeting**, Boston, MA, Nov 2022.

29 Elmore A, **Salemi JL**, McLain A, McDermott S, Boghossian N. Opioid Use During Pregnancy and Risk of Postpartum Hospital Admission in Florida. **Society for Pediatric and Perinatal Epidemiology (SPER) Annual Conference**, San Francisco, CA, Jun 2022.

30 Rutkowski RE, Tanner JP, Swanson J, Kirby RS, **Salemi JL**. Validity of Hospital Data in Identifying Preterm and Low Birthweight Infants. **Chiles Center Synergy 25th Anniversary Post Symposium**, Tampa, FL, Mar 2022.

31 Rutkowski RE, Tanner JP, Swanson J, Kirby RS, **Salemi JL**. Sibling Birth Defects Recurrence in Florida, 1998 to 2013. **Chiles Center Synergy 25th Anniversary Post Symposium**, Tampa, FL, Mar 2022.

32 Delgado A, Kendle AM, Randis T, Donda K, **Salemi JL**, Louis J. Risk of adverse neonatal outcomes amongst nulliparous women with Sleep-Disordered Breathing during pregnancy. **Chiles Center Synergy 25th Anniversary Post Symposium**, Tampa, FL, Mar 2022.

33 Rutkowski RE, Tanner JP, Kirby RS, **Salemi JL**. Proportion of Critical Congenital Heart Defects Attributable to Unhealthy Pre-pregnancy Body Mass Index among Women with Live Births in Florida, 2005-2016. **Chiles Center Synergy 25th Anniversary Post Symposium**, Tampa, FL, Mar 2022.

34 Pacheco M, Marshall J, Fryer K, Sappenfield WM, **Salemi JL**, Beckstead J, Elmore AL, Reid CN, Cen W, Mehra S, Pelletier C, Carter N. Access to Care in Florida for Pregnant Women with Opioid Use Disorder. **Chiles Center Synergy 25th Anniversary Post Symposium**, Tampa, FL, Mar 2022.

35 Ebied A, Bakour C, **Salemi JL**. History of blood transfusion and the risk of developing hematologic cancers in the United States: A cross-sectional study using the NHANES database. **USF Graduate Student Research Symposium, University of South Florida**, Tampa, FL, Mar 2022.

36 Salar A, Rutkowski RE, Tanner JP, Kirby RS, **Salemi JL**. Sibling Birth Defects Recurrence in Florida, 1998 to 2013. **USF Health Research Day, University of South Florida**, Tampa, FL, Feb 2021.

37 Rutkowski RE, Tanner JP, Lowry J, Lake-Burger H, Kirby RS, **Salemi JL**. Sibling Birth Defects Recurrence in Florida, 1998 to 2013. **National Birth Defects Prevention Network (NBDPN) Annual Meeting.** Arlington, VA, Mar 2020**.** *Conference award winner, first place, "Case Ascertainment"

38 Lowry J, Rutkowski RE, Tanner JP, Lake-Burger H, Kirby RS, **Salemi JL**. Proportion of critical congenital heart defects attributable to unhealthy pre-pregnancy body mass index in Florida, 2005 to 2016. **National Birth Defects Prevention Network (NBDPN) Annual Meeting.** Arlington, VA, Mar 2020**.** *Conference award winner, second place, "Case Ascertainment"

39 Elmore A, Lowry J, Tanner JP, Lake-Burger H, Kirby RS, **Salemi JL**. Application and Evaluation of the CSTE NAS Case Definition, Florida 2016. **National Birth Defects Prevention Network (NBDPN) Annual Meeting.** Arlington, VA, Mar 2020**.**

40 **Salemi JL**, Agana DG, Hansen MA, Spooner KK, Nash SG, Hyman DA, Zoorob RJ. Hitting the target on the Triple Aim: innovations in a primary care research fellowship. **North American Primary Care Research Group (NAPCRG) Annual Meeting**, Toronto, Ontario, Canada, Nov 2019**.**

41 Hansen MA, Agana DG, Liaw W, Zoorob RJ, **Salemi JL**. Additional graduate degrees are associated with promotion among family medicine faculty. **North American Primary Care Research Group (NAPCRG) Annual Meeting**, Toronto, Ontario, Canada, Nov 2019**.**

42 Agana DG, Hansen MA, Zoorob RJ, Liaw W, **Salemi JL**. Salary differences between schools of medicine and schools of public health for non-clinical PhD faculty. **North American Primary Care Research Group (NAPCRG) Annual Meeting**, Toronto, Ontario, Canada, Nov 2019.

43 Levine RS, Mejia de Grubb MC, **Salemi JL**, Wood S, Gittner LA, Kahn H, Hennekens CH. Infant Mortality and Youth Homicide Rates: United States, 1999-2016. **American Public Health Association Annual Meeting**, Philadelphia, PA, Nov 2019**.**

44 Enwerem C, Kaur M, Charide Z, Payne D, Okorocha M, Anugwom C, Davis J, Spooner KK, **Salemi JL**, Olaleye O, Salihu HM. Maternal Cerebral Lipidosis in The United States and Adverse Pregnancy Outcomes. **American Public Health Association Annual Meeting**, Philadelphia, PA, Nov 2019**.**

45 Saunders JJ, Dongarwar D, **Salemi JL**, Schulte J, Matin A, Banu S, Persse D, Shah A. Houston do we have a problem? Emergency Mental Health Calls to First Responders following a natural disaster. **2019 Institute on Psychiatric Services (IPS): The Mental Health Services Conference.** New York, NY, Oct 2019**.**

46 Fortunov R, Sundgren N, Roitsch C, Parmekar S, Arunachalam A, Gokulakrishnan, **Salemi JL**. Novel Tablet App to Assess Learner Performance During Simulated Neonatal Resuscitation. **Pediatric Academic Societies (PAS).** Baltimore, MD, May 2019**.**

47 Khoaja MA, Okorafor N, **Salemi JL**, Nash SG, Sidani MA, Warwick E, Zoorob RJ, Aggarwal A. Comparing Blended and Traditional Formats for Delivering the Advanced Life Support in Obstetrics (ALSO) Providers Course: Assessing Providers' Reported Self-Efficacy in Emergency Obstetric Procedures. **Family Medicine Resident Regional Research Symposium (FMRRRS).** Houston, TX, May 2019**.**

48 Fortunov R, Sundgren N, Roitsch C, Parmekar S, Arunachalam A, Gokulakrishnan, **Salemi JL**. Novel Tablet App to Assess Learner Performance During Simulated Neonatal Resuscitation. **International Pediatric Simulation Symposia and Workshops (IPSSW).** Toronto, Ontario, Canada, May 2019**.**

49 Henshaw C, Salihu HM, Dongarwar D, **Salemi JL**, Spooner KK. Evaluating Trends in HIV-Related Mortality among HIV+ Women during Pregnancy by Race/Ethnicity. **2019 ACOG Annual Clinical and Scientific Meeting.** Nashville, TN, May 2019**.**

50 **Salemi JL**, Chima CC, Mosqueda ME, Wang H, Horsfield M, Williams D, Vasquez M, Sidani M, Zoorob RJ. A Randomized Controlled Trial of Health Coaching and Education for Diabetes Distress (CEDD Trial). **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Toronto, Ontario, Canada, May 2019**.**

51 Wang H, Mejia de Grubb MC, **Salemi JL**, Sidani MA, Zoorob RJ. Timeliness of HbA1c testing in patients with diabetes in an urban Family Medicine private practice. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Toronto, Ontario, Canada, May 2019**.**

52 Hansen M, **Salemi JL**, Zoorob RJ. Studying Technology Acceptance to Improve Advanced Usage of Patient Portals and Healthcare Related Technology in a Primary Care Population. **Society of Teachers of Family Medicine (STFM) Annual Spring Conference**, Toronto, Ontario, Canada, May 2019**.**

53 Nwangwu O, Thompson J, Gendra S, Coker V, Kutse S, Blanco M, Onyenaka C, King C, Enamorado E, Bakare O, Ajewole VB, Spooner KK, **Salemi JL**, Salihu HM, Olaleye OA. The Prevalence of Pre-eclampsia in Hospital Pregnancy Discharges: Racial Disparities and Maternal HIV Status. **Texas Southern University Research Week.** Houston ,TX, Mar 2019**.**

54 Alexander J, Varnado L, Adenote A, Bailey J, Ezuudu C, Nelson P, Shavers A, Telufusi A, Spooner KK, **Salemi JL**, Salihu HM, Olaleye OA. Pregnancy Complications Among Women with Gestational Malaria in the Unites States: Maternal and Birth Outcomes. **Texas Southern University Research Week.** Houston ,TX, Mar 2019**.**

55 Williams C, Odeh E, Peh N, Hooker H, Wiseman S, Brock T, Payne-Green E, Chukwudum C, Loudd G, Shleton A, Spooner KK, **Salemi JL**, Salihu HM, Olaleye OA. Trends and Risk Factors for Leishmaniasis Among Women of Reproductive Age in the United States, 2002 to 2015. **Texas Southern University Research Week.** Houston ,TX, Mar 2019**.**

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114 Wilson RE, **Salemi JL**, Berry EL, Salihu HM. Effectiveness of the federal healthy start program in reducing infant mortality. **Healthy Start Grantee Convention**, Washington, DC, Nov 2015.

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117 **Salemi JL**, Rutkowski R, Tanner JP, Anjohrin SB, Marshall J, Correia JA, Watkins SM, Kirby RS. Improving the Completeness of Ascertainment in Florida's Birth Defects Surveillance Program: Adding Infant Death and Emergency Department Data. **National Birth Defects Prevention Network's Annual Meeting.** Arlington, VA, Oct 2015.

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124 **Salemi JL**, Comins M, Chandler KC, Mogos MF, Salihu HM. Improving Cost-Effectiveness Analysis in Maternal and Child Health: A Practical Approach for Calculating Reliable Cost estimates from Observational Data. **American Public Health Association Annual Meeting**, Boston, MA, Nov 2013.

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128 Louis JM, Mogos MF, **Salemi JL**, Mercer B, Salihu HM. Obstructive sleep apnea is associated with increased risk of preeclampsia and eclampsia. **Society for Maternal Fetal Medicine Annual meeting**, San Francisco, CA, Feb 2013.

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133 **Salemi JL**, Tanner JP, Block S, Bailey, M, Correia JA, Watkins SM, Kirby RS. The Relative Contribution of Data Sources to a Birth Defects Registry Utilizing Passive Multisource Ascertainment Methods: Does Narrowing the Birth Defects Case Ascertainment Net Lead to Overall or Disproportionate Loss? **National Birth Defects Prevention Network's Annual Meeting**, Orlando, FL, Feb 2011.

134 Nembhard WN, **Salemi JL**, Ethen MK, Fixler DE, Canfield MA. Join Effects of Gestational Age, Size at Birth and Maternal Ethnicity on Mortality Among Children with Birth Defects. **Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting**, Seattle, WA, Jun 2010.

135 **Salemi JL**, Hauser KW, Sage SR, Tanner JP, Correia JA, Watkins SM and Kirby RS. A Comparison of Two Surveillance Strategies for Selected Birth Defects in Florida, 2003-06. **National Birth Defects Prevention Network's Annual Meeting**, Washington, DC, Feb 2010. *Conference award winner, first place, "Birth Defects Rates and Trends"

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145 **Salemi JL**, Nembhard WN, Fixler DE, Canfield MA, Ethen MK. Defect-Specific Survival Experience of Infants with Five Major Congenital Heart Defects. **National Birth Defects Prevention Network's Annual Meeting**, Nashville, TN, Feb 2009. *Conference award winner, first place

146 Nembhard WN, Wang T, Loscalzo ML, **Salemi JL**. Prevalence of congenital heart defects by race/ethnicity and sex: Finding from the Florida Birth Defects Registry. **Maternal and Child Health Epidemiology Annual Meeting**, Atlanta, GA, Dec 2008.

147 Nembhard WN, Wang T, Loscalzo ML, **Salemi JL**, Hauser KW. Are there ethnic differences in the prevalence of congenital heart defects among NH-black, NH-white and Hispanic infants? **Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting**, Chicago, IL, Jun 2008.

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149 Nembhard WN, **Salemi JL**, Loscalzo ML, Wang T, Hauser KW. Risk of preterm birth for black and Hispanic infants with major congenital heart defects. **National Birth Defects Prevention Network's Annual Meeting**, Washington, DC, Feb 2008.

150 Pierre MG, Kornosky JL, **Salemi JL**, Hauser KW, Carver J. Are Hispanics at Increased Risk of Gastroschisis? **National Birth Defects Prevention Network's Annual Meeting**, Washington, DC, Feb 2008.

151 De la Cruz C, **Salemi JL**, Peterson C. Examining maternal length of hospital stay at delivery as a risk factor for depressive symptoms postpartum. **Health Sciences Center Research Day, University of South Florida**, Tampa, FL, Feb 2008.

152 Schiaffino, MK, Nielson CM, Dunne EF, **Salemi JL**, Giuliano AR. Associations between male anogenital HPV infection and circumcision vary by anatomic site sampled. **H. Lee Moffitt Cancer Center and Research Institute's Annual Scientific Retreat**, Tampa, FL, Jan 2008.

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156 **Salemi JL**, Schlottmann JL, Hauser KW, Correia, JA. A Methodologic Approach to Investigating a Significant Rise in Atrial Septal Defects. **National Birth Defects Prevention Network's Annual Meeting**, San Antonio, TX, Feb 2007.

157 Nembhard WN, **Salemi JL**, Hauser KW. Are non-Hispanic Black Infants with Congenital Heart Defects at Increased Risk of Preterm Birth? **National Birth Defects Prevention Network's Annual Meeting**, San Antonio, TX, Feb 2007.

158 Nembhard WN, Hauser KW, **Salemi JL**. Does Intrauterine Growth Influence Risk of Preterm Birth in Black Infants with Congenital Heart Defects? **Health Sciences Center Research Day, University of South Florida**, Tampa, FL, Feb 2007.

159 Nembhard WN, Hauser KW, **Salemi JL**. Does Intrauterine Growth Influence Risk of Preterm Birth in Black Infants with Congenital Heart Defects? **Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting**, Seattle, WA, Jun 2006.

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MEDIA AND OTHER WORKS COMMUNICATING RESEARCH RESULTS TO THE GENERAL PUBLIC

This section includes: (1) international, national, and local television with an on-camera interview; (2) Radio shows and podcasts; (3) web-based reports with a reporter-based interview; and (4) other newspaper and magazine articles.

International television with on-camera interview:

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518 Schweers J. State surgeon general says fully vaccinated Floridians can go maskless in public, despite CDC. **Tallahassee Democrat (USA Today Network)**. Apr 30, 2021.

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522 McClellan M. Local health officials report rising COVID infections in every age group within Florida. **Fox News 13 (Tampa)**. Apr 22, 2021.

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527 Santich K, Gillespie R. Major eligibility expansion brings moment of truth for COVID vaccines: Will Florida's young people want them? **Orlando Sentinel**. Apr 2, 2021.

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536 Klas M. Florida's sunshine laws dim as DeSantis decides what to disclose. **Tampa Bay Times**. Mar 1, 2021.

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542 Ross A, Reeves M. Confusion continues with Florida's new vaccine website. **Tampa Bay Times**. Feb 4, 2021.

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552 Pipitone T. Race to Vaccinate in Long-Term Facilities as Infections Spike in 65+ Age Group. **NBC 6 South Florida (Miami)**. Dec 18, 2020.

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556 Klas M. DeSantis won't answer questions about anything. Where has he been? **Tampa Bay Times**. Nov 25, 2020.

557 Persaud C. Florida's COVID-19 failures: missed deadlines, incomplete information, lack of transparency. **The Palm Beach Post**. Nov 25, 2020.

558 Miller N. As COVID-19 hospitalizations creep up, health officials urge precautions during holiday season. **Orlando Sentinel**. Nov 21, 2020.

559 Conarck B, Klas M. Fact check: There's no evidence Florida is 'protecting the vulnerable' from COVID-19. **Miami Herald**. Nov 16, 2020.

560 Musgrave J. Florida delays releasing daily COVID numbers as nation surpasses 10 million cases. **The Palm Beach Post**. Nov 9, 2020.

561 Ariza M. COVID-19 is claiming more lives than official data indicates. **South Florida Sun Sentinel**. Oct 28, 2020.

562 Conarck B. Florida changes COVID-19 data on the percent of tests coming back positive. **Miami Herald**. Oct 28, 2020.

563 Miller N. As Central Florida hospitalizations see uptick, officials urge caution. **Orlando Sentinel**. Oct 28, 2020.

564 Goodman CK. How many Floridians really have died from COVID-19? **South Florida Sun Sentinel**. Oct 24, 2020.

565 Smiley D, Conarck B. Will COVID surge before the election in Florida? 'Everybody wants to know the answer'. **Miami Herald**. Oct 17, 2020.

566 Ariza M. Florida puts a positive spin on COVID-19 data, misleading the public on pandemic. **South Florida Sun Sentinel**. Oct 14, 2020.

567 Miller N. Central Florida COVID-19 hospitalizations in Central Florida hit plateau; experts worry people will let down their guard. **Orlando Sentinel**. Oct 2, 2020.

568 Chesnes M. COVID data discrepancies beg the question: What information can the public trust? **TCPalm (Treasure Coast Newspapers)**. Sep 28, 2020.

569 Gross SJ, Chang D. Dolphins CEO, Miami-Dade mayor assure opening Hard Rock Stadium to fans is safe. **Miami Herald**. Aug 25, 2020.

570 Miller N. More younger people, minorities dying of COVID-19 in Central Florida. **Orlando Sentinel**. Aug 21, 2020.

571 Shephard B. COVID-19: Making sense of the statistics. **83 Degrees Media (Tampa)**. Aug 21, 2020.

572 Zaragovia V. Gov. DeSantis Questions Efficacy Of Testing And South Florida's Business Restrictions On Curbing COVID-19. **WLRN Public Radio and Television**. Aug 20, 2020.

573 Miller N. Central Florida COVID-19 hospitalizations begin to decline but 'we're not out of the woods. **Orlando Sentinel**. Jul 29, 2020.

574 Fleshler D. Florida mistake on child COVID-19 rate raises question: Can Florida's numbers be trusted? **South Florida Sun Sentinel**. Jul 25, 2020.

575 Conarck B, Chang D. Florida collects more data on COVID hospital patients than it shares with the public. **Miami Herald**. Jul 24, 2020.

576 Patrick C. Florida's COVID-19 data: Disputes and questions continue. **Fox 13 News**. Jul 24, 2020.

577 Miller N. July deadliest month so far for COVID-19 in Central Florida. **Orlando Sentinel**. Jul 17, 2020.

578 Ariza M, DiMichele A. Florida's hidden data skews COVID-19 test results. **South Florida Sun Sentinel**. Jul 15, 2020.

579 Miller N. 7,000 Floridians hospitalized with COVID-19; state finally releases data by county. **Orlando Sentinel**. Jul 10, 2020.

580 Gillespie R, Miller N. Florida reports 120 COVID-19 fatalities, its deadliest day of pandemic. **Orlando Sentinel**. Jul 9, 2020.

Newspaper articles in print (only those with a reporter-based interview are included):

581 Hawryluk M. Despite medical progress, a baffling birth defect is on the rise: Reasons unclear for higher rates of gastroschisis. **Houston Chronicle**. Apr 25, 2016, *front page story*.

582 Ackerman T. Study shows inducing labor at 37 to 38 weeks may be safer than thought. **Houston Chronicle**. Mar 9, 2016, *front page story*.

Magazine articles in print (only those with a reporter-based interview are included):

583 Howard MR. Death Rates: Age is by far the biggest factor. **Florida Trend Magazine, April 2021 Issue**. April 1, 2021.

INNOVATION AND COMMERCIALIZATION

Contributions to device, software or other development:

Community Health Analytics Training (CHAT)
Collaborated with Dr. Hamisu Salihu on the development of the Community Health Analytics Training (CHAT) software, a visually enhanced analytics platform designed to improve adult learning through an integrated approach incorporating skill-set atomization, sensory coupling, and Gender-Voice Alternation Theory. The platform has been used to deliver introductory instruction in cost-effectiveness analysis and to augment educational content across multiple funded initiatives.

NeoCHART+ ™ and NeoSTART+ ™
Collaborated with Dr. Regine Fortunov on the development and testing of NeoCHART+™, an iOS application designed to document neonatal resuscitation events accurately and in real time. Contributed to interface development and served as a consultant during iterative design and evaluation, with particular emphasis on improving capture of clinically important events, minimizing documentation errors, and enhancing usability. NeoSTART+™ was subsequently developed as a complementary application focused on improving the accuracy of neonatal resuscitation team scoring.

PROFESSIONAL SERVICE

National/International:

2025 — Present **Member, Board of Directors**
American College of Epidemiology

2024 — Present **Member, Board of Directors**
National Birth Defects Prevention Network

2024 — Present **Member, Editorial and Review Advisory Board**
Birth Defects Research

2024 — Present **Subject Matter Expert, Steering & Advisory Group for NBDPN National Guidelines**
National Birth Defects Prevention Network

2021 — Present **Member, Editorial Board**
International Journal of Environmental Research and Public Health

2021 **Member, Board of Directors** *(one-year term for inaugural board to create staggered terms)*
National Birth Defects Prevention Network

2020 — 2021 **Chair, Surveillance Guidelines and Standards Committee**
National Birth Defects Prevention Network

2020 — 2021 **Consultant, COVID-19 Data Expert for Florida**
National COVID-19 Tracking Project

2019 **Grant Reviewer, Clinical and Social Science Challenge Grants**
March of Dimes

2018 — 2022 **Member, Editorial Board**
Family Medicine and Community Health

2018 **Grant Reviewer, Special Emphasis Panel, ZDD1 KVA (02) R DD18-001 Birth Defects Study To Evaluate Pregnancy exposureS (BD-STEPS) II**
National Center on Birth Defects and Developmental Disabilities, Centers for Disease Control and Prevention

2019 **Immediate Past President**
National Birth Defects Prevention Network

2018 **President**
National Birth Defects Prevention Network

2017 **President-Elect**
National Birth Defects Prevention Network

2017 **Member and Reviewer, Special Emphasis Panel, Extramural Loan Repayment Program for Clinical Researchers and Pediatric Researchers**
National Institute of Environmental Health Sciences, National Institutes of Health

2016 — 2017 **Chair, Surveillance Guidelines and Standards Committee**
National Birth Defects Prevention Network

2016 — 2020 **Member, Executive Committee**
National Birth Defects Prevention Network

2015 — Present **Member, Editorial Board**
Journal of Registry Management

2015 — 2019 **Member, Maternal and Child Health (MCH) Data Advisory Committee**
Florida Department of Health

2015 **Guest Editor, Special Issue, BioMed Research International**
"*Epidemiology of Adverse Birth Outcomes: A Focus on Emerging Genetic/Epigenetic, Biomedical, and Statistical Methodologies*".

2010 — 2015 **Member, Surveillance Guidelines and Standards Committee**
National Birth Defects Prevention Network

2010 — 2011 **Chair, Data Committee**
National Birth Defects Prevention Network

2009 — 2012 **Member, Birth Defects Content Working Group**
National Environmental Public Health Tracking Program
Centers for Disease Control and Prevention

2007 — 2008 **Member, Hillsborough County Advisory Council**
National Children's Study, University of South Florida

2006 — Present **Member, Data Committee**
National Birth Defects Prevention Network

2004 **Abstract Reviewer, Maternal and Child Health Session**
American Public Health Association

State/Local:

2024 — Present **Member, Steering Committee, Black Maternal Health Week of Tampa Bay**
Community Hub, USF College of Public Health

2021 — Present **Member, Steering Committee, Florida Perinatal Quality Collaborative (FPQC)**
FPQC, Lawton and Rhea Chiles Center for Healthy Mothers and Babies

2020 — 2023 **Expert Consultant, Epidemiology of COVID-19**
Florida Department of Health, Hillsborough County

2020 — 2021 **Expert Consultant, COVID-19 Health Leader Collaborative Work**
Brevard County School Board

2015 — 2019 **Member, Maternal and Child Health (MCH) Data Advisory Committee**
Florida Department of Health

2007 — 2008 **Member, Hillsborough County Advisory Council**
National Children's Study, University of South Florida

Institutional:

2024 — 2025 **Member, Faculty Affairs Committee for Promotion & Tenure (Role: Tenured Full Professor)**
University of South Florida College of Public Health

2023 — 2025 **COPH Change Ambassador, Change Ambassador Network, Project Drive**
University of South Florida

2022 — 2025 **President, Faculty Assembly**
University of South Florida College of Public Health

2021 — Present **Concentration Lead, PhD Program in Epidemiology**
University of South Florida College of Public Health

2021 — Present **Faculty Advisor, Executive Board, Epidemiology and Biostatistics Student Association**
University of South Florida

2021 — 2024 **Member, Research, Partnerships & Communication Implementation Team**
University of South Florida – Faculty Success Initiative

2021 — 2022 **Faculty Search Committee (for 6 positions: Asst Prof, Epi x4; Asst Prof, MCH x2)**
University of South Florida

2020 — 2024 **Member, Research Committee (Clinically-Based Research Area)**
University of South Florida College of Public Health

2020 — 2021 **Member, Epidemiology and Surveillance Hub, USF Pandemic Response Research Network**
University of South Florida

Peer Reviewer, Scientific Journals
**Journals are listed in alphabetical order, not by timing of reviews*
2009 — Present
American Journal of Epidemiology
American Journal of Perinatology
American Journal of Preventive Medicine
Annals of Epidemiology
Birth Defects Research
Birth Defects Research, Part A (Teratology)
BMC Cardiovascular Disorders
BMC Health Service Research
BMC International Health and Human Rights
BMC Medical Research Methodology
BMC Public Health
BMC Pregnancy and Childbirth
British Medical Journal (BMJ) Open
Clinical Epidemiology
Family Medicine and Community Health
Health Informatics Journal
Human Reproduction
International Journal of Environmental Research and Public Health
Journal of Clinical Virology
Journal of Medical Internet Research (JMIR) Public Health & Surveillance
Journal of Public Health Management & Practice
Journal of Registry Management
Lancet Global Health, The
Maternal and Child Health Journal
New England Journal of Medicine
Pediatrics
Public Health Reports
Technology and Innovation

PROFESSIONAL AFFILIATIONS

Current Fellow **American College of Epidemiology**

Current Member **Society for Epidemiologic Research**

Current Member **National Birth Defects Prevention Network**

Current Member **Society for Pediatric and Perinatal Epidemiologic Research**

Current Member **American Heart Association**

2016 — 2020 **Society of Teachers of Family Medicine**

2003, 2006, 2016 **American Public Health Association**

TEACHING EXPERIENCE

Educational leadership roles:

2021 — Present **Concentration Lead, PhD Program in Epidemiology**
Department of Epidemiology, University of South Florida College of Public Health
Role: Provide leadership and oversight for the Epidemiology concentration of the PhD program, with primary responsibility for recruitment, interviewing, selection, and admission of doctoral students. Oversee annual student evaluations and develop and implement concentration-specific policies governing key doctoral milestones, including qualifying examinations, dissertation proposals, and defenses. Manage the doctoral curriculum and coordinate with faculty and College leadership to ensure program requirements, academic standards, and coursework support student training and progression.

2016 — 2020 **Associate Director, Primary Care Research Fellowship**
Department of Family and Community Medicine, Baylor College of Medicine
Role: Provided leadership in fellow recruitment, selection, training, mentorship, and professional development for a national primary care research fellowship. Served on the selection and admissions committee; developed multidisciplinary "mentoring mosaics" incorporating research, career, and peer mentors; developed and delivered core curriculum; monitored fellow progress and career goals; expanded curricular materials and the mentoring network; and contributed to program sustainability and dissemination.

2016 — 2020 **Training and Curriculum Director, MCH Student Training for Academic Readiness and Success (MCH STARS)**
CDC-funded training program for undergraduate students from underrepresented backgrounds
Role: ed curriculum development and continuous quality improvement for online, classroom, field-based, and experiential learning designed to strengthen trainee knowledge, research skills, and professional development. Collaborated with the Program Director to evaluate and refine the curriculum and mentored trainees in scientific writing, evidence synthesis, statistical analysis, research dissemination, and other components of the research process.

2017 — 2020 **Leadership Committee, BCM Center of Excellence in Health Equity, Training and Research**
HRSA-funded program supporting scholars at the post-baccalaureate, medical student, postdoctoral, and junior faculty levels
Role: Contributed to program leadership in scholar recruitment, selection, training, mentorship, retention, and evaluation. Developed recruitment and selection approaches; strengthened pathways for training and retention of underrepresented minority faculty; facilitated mentored research in health equity and minority health; translated quality-improvement findings into program revisions; and contributed to planning the annual Center of Excellence Summer Research Summit.

Didactic coursework (full courses):

University of South Florida College of Public Health *(Professor)*

2026 **Categorical Data Analysis** (PHC 6053)

2026 **Multilevel Data Analysis** (PHC 7703)

2025 — Present **Advanced Research Methods in Epidemiology** (PHC 7703)

2024 — Present **Data Management in R for Public Health Researchers** (PHC 6702)

2023 — 2024 **Computer Applications for Public Health Researchers** (PHC 6701)

2021 — 2023, 2026 — Present **Epidemiology Methods I** (PHC 6010)

Contract Courses / Individual Supervision

2023, 2026 **Supervised Field Experience** (PHC 6945)

2021 — Present **Integrated Learning Experience** (PHC 6943)

2021 — Present **Applied Practice Experiences** (PHC 6949)

2021 — Present **Specialized Study** (PHC 7908)

2021 — Present **Directed Research** (PHC 7910)

2021 — Present **Thesis** (PHC 6971) and **Dissertation** (PHC 7980)

Baylor College of Medicine *(Instructor, Professor)*

2015 — 2020 **Family and Community Medicine, Health Services Research Elective**

University of South Florida College of Public Health *(Graduate Teaching Assistant)*

2011 **Epidemiology Methods I**
Instructor, H. Salihu, MD, PhD

2006, 2007 **Computer Applications for Public Health Researchers**
Instructor, L. Rajaram, PhD

2006 **Epidemiology of Mental Health Disorders**
Instructor, M. Becker, PhD, RN

2006 **Epidemiology of Diseases of Major Public Health Importance**
Instructor, A. Sanchez-Anguiano, MD, PhD

2005 **Biostatistics I**
Instructor, L. Rajaram, PhD

Didactic coursework (research seminars, recurring presentations, and guest lectures):

2021 — Present **Residents and Fellows Clinical and Epidemiological Research Seminar**
Department of Obstetrics and Gynecology, USF Morsani College of Medicine
Co-taught monthly 1-hour sessions with JP Tanner for residents and fellows over two years. Topics included demystifying statistics, hypothesis testing, statistical modeling, study design, confounding and other biases, literature interpretation, and preparation for board examinations.

2017 — 2019 **Two-Day Seminar in Clinical Research Methods**
Department of Family and Community Medicine, Baylor College of Medicine
Co-taught intensive 2-day clinical research methods seminars with H. Salihu over three years. Topics included research design, data collection and management, and fundamental statistical methods.

2015 — 2019 **Primary Post-Doctoral Fellowship Core Curriculum**
Department of Family and Community Medicine, Baylor College of Medicine
Served as sole instructor for a two-year core research curriculum delivered through weekly modules covering clinical epidemiology and comparative effectiveness research, data management and analytics, large administrative and electronic health record databases, and cost-effectiveness analysis.

2015 — 2019 **Community Health Analytics Training (CHAT) Departmental Online Certificate Course on Introductory Cost-Effectiveness Analysis**
Department of Family and Community Medicine, Baylor College of Medicine
Developed narrated instructional videos, quizzes, and assignments for a 13-module online certificate course in introductory cost-effectiveness analysis.

2016 **Guest Lecture: Perinatal Research Seminar**
Colleges of Medicine and Public Health, University of South Florida
Title: Ambient $PM_{2.5}$ and Benzene During Pregnancy: Estimating Maternal Exposure and Associations with Selected Birth Defects In Offspring.

2014 **Guest lecture: Epidemiology Methods I**
Colleges of Public Health, University of South Florida
Title: Public Health Surveillance Exemplified.

2013 **Guest Lecture: Perinatal Research Seminar**
Colleges of Medicine and Public Health, University of South Florida
Title: Developing an Infrastructure for Comparative Effectiveness Research in Maternal and Child Health: Innovations, Challenges, and Sustainability.

2011 – 2014, 2020 – Present **Guest lecture: Community Health Data Sources and Technology**
Colleges of Public Health, University of South Florida (Instructor: R. Kirby)
Title: Understanding and Evaluating Secondary Data Sources.
Talk was given annually over a four-year period, then again upon return to USF.

2013 **Guest Lecture: Special Topics in Perinatal Epidemiology Methods**
Colleges of Medicine and Public Health, University of South Florida (Instructor: W. Nembhard)
Title: Utilization of Data Linkage in Perinatal Epidemiologic Research.

2011 – 2013 **Interdisciplinary Seminar in Cost-Effectiveness**
Colleges of Public Health, University of South Florida
Led bi-weekly sessions with a team of 9 collaborators including faculty and graduate students.

Curriculum development work:

2022 – 2024 **Transitioning the Epidemiology Curriculum from SAS-based to R-based**
Developed Data Management for Public Health Research as part of a broader initiative to transition the Epidemiology curriculum from SAS to R as its primary platform for data management and analysis. Designed the course to replace PHC 6701 (Computer Applications) while substantially expanding applied data management training.
Role: Curriculum and content development, competency mapping, and assessment development
Target audience: First-year master's students in epidemiology

2017 – 2018 **Applied Clinical Research Methods**
Developed curriculum for an HRSA-funded clinical research training program covering epidemiologic study design, statistical hypothesis testing, continuous and categorical data analysis, multivariable modeling, scientific writing, and research dissemination.
Role: Curriculum and content development, competency mapping, creation of a research laboratory, assessment development, and support for CME certification
Target audience: Clinical fellows and junior faculty

2014 – 2019 **Cost-Effectiveness Analysis (administered through Community Health Analytics Training)**
Developed and delivered a comprehensive online curriculum in cost-effectiveness analysis, including economic evaluation principles, health-related quality-of-life measurement, decision modeling, cost-effectiveness calculations, sensitivity analyses, and probabilistic methods.
Role: Curriculum and module development, establishment of learning objectives, and development of demonstrations using TreeAge decision-analysis software
Target audience: Undergraduate and graduate students, medical students, postdoctoral fellows, clinicians, researchers, and public health practitioners

2010 – 2011 **Epidemiology Methods I**
Collaborated with the course's primary instructor to redesign the introductory epidemiology curriculum and develop corresponding instructional and assessment materials.
Role: Curriculum and content development and assessment development
Target audience: Graduate students in public health

2007 — 2010 **Epidemiology Curriculum for the Master of Public Health (MPH), Master of Science in Public Health (MSPH), and Doctor of Philosophy (PhD) Degree Programs**

Served as doctoral student liaison to the College Academic Programs and Curriculum Committee and collaborated with the Epidemiology doctoral program director to provide student input during a comprehensive restructuring of the Epidemiology curriculum.

Role: Curriculum prioritization and organization of course delivery
Target audience: Graduate students in public health

Faculty development or continuing medical education:

2021 — 2022 **Epi Methods and Biostatistical Analysis Lab** (Creator and Facilitator)

Created and facilitate a monthly collaborative forum for Epidemiology faculty and doctoral students to discuss emerging and advanced methodological topics. Sessions have addressed causal inference, directed acyclic graphs (DAGs), propensity score methods, efficient data management and collaborative coding workflows, and statistical modeling. To avoid redundancy, this was sunset with the development of our department's Causal Inference in Public Health Research (CIPHR) Lab.

Learners: approximately 15-20 epidemiology faculty and doctoral students
Contact hours: two hours every month, 2-5 hours prep time

2017 — 2018 **Faculty Development Series, Department of Anesthesiology** (Recurring Lecturer)

Delivered recurring faculty-development lectures on clinical research methods, including study design, statistical considerations for clinicians, and interpretation of absolute and relative measures in clinical research.

Learners: clinical fellows, junior and senior faculty; 40 total across two lectures
Contact hours: two 1-hour lectures; 10 hours prep time

2016 — 2020 **Faculty and Fellow Seminar Monthly Series** (Series Developer)

Developed and coordinated a monthly research and professional-development seminar series for faculty, fellows, postdoctoral trainees, and research staff. Recruited speakers and developed programming spanning research methods, data management, academic and non-academic career development, networking, and balancing teaching, research, and service.

Learners: junior/senior faculty, postdoctoral students, senior research staff, 25-30 per year
Contact hours: 37 hours total time; 12 hours seminar; 5 hours speaker recruiting; 20 hours prep

2014 — 2016 **Faculty Development in Primary Care** (Recurring Curriculum Planner and Lecturer)

Planned and delivered recurring faculty-development programming in statistical analysis, analytic tools, and scientific communication of research findings, including commentaries, research briefs, and letters to the editor.

Learners: junior faculty; 7 per year
Contact hours: 6 hours in class; 20 hours prep time

Sep 2017 **Workshop in Interactive Data Visualization for Public Health Surveillance** (Developer and Presenter)

Developed and delivered an interactive workshop on data visualization for public health surveillance at the National Birth Defects Prevention Network annual meeting. Continuing education credit was provided through CDC, ACME®, the American Nurses Credentialing Center's Commission on Accreditation, and IACET.

Learners: multiple levels and disciplines; 150
Contact hours: 1 hour workshop, 20 hours prep time

ACADEMIC ADVISING AND MENTORSHIP

Undergraduate Students

Scholar/Student	Institution	Degree/Program	Years	Role
Anas Kartoumah	USF	BS/MD program	2025–26	Honors College Thesis Chair
Christine Huang	USF	BS	2017–19	Honors College Thesis Committee Mbr

Masters Students *****see table footnotes*

Scholar/Student	Institution	Degree/Program	Years	Role
Lorelei Herman	USF-COPH	MSPH	2026–	Thesis Major Professor
Kamille Janess	USF-COPH	MSPH	2025–	Thesis Major Professor
Julianne Robinson Zawadzki	USF-COPH	MSPH	2023–24	Thesis Committee Member
Anna Beltrame, MD, PhD	USF-COPH	MSPH	2023–24	Thesis Co-Major Professor
Brooke Yost	USF-COPH	MSPH	2022–	Thesis Major Professor
Dieu Tran	USF-COPH	MSPH	2021–	Thesis Major Professor
Sara Robinson	USF-COPH	MSPH	2021–23	Thesis Major Professor
Victoria Salinas	USF-COPH	MPH	2021–22	MCH Ctr of Excellence Faculty Mentor
Ayesha Salar	USF-COPH	MPH	2020–21	MCH Ctr of Excellence Faculty Mentor
John Hollier, MD	BCM	MPH	2019–21	Thesis Committee Member
Michael Hansen, MD	UTSPH	MSPH, MS (dual)	2017–19	Thesis Committee Member
Jennifer L. Matas, BS	UTSPH	MSPH, Epidemiology	2017–19	Thesis Committee Member
George Germanos, MD	UTSPH	MPH	2017–19	MPH Practicum Supervisor
Michael J. Zoorob, BA	Harvard	Summer Research	2015–16	Mentor for Research, Scientific Writing
Titilope Olanipekun, MBBS	UTSPH	MPH	2015–16	MPH Practicum Committee Member
Delphine S. Fontcha, MD	USF–COM	MSPH	2013–14	Scholarly Oversight Committee
Vikas Jindal, MD	USF–COM	MSPH	2013–14	Scholarly Oversight Committee

Doctoral Students

Scholar/Student	Institution	Degree/Program	Years	Role
Emily Coughlin, MPH	USF-COPH	PhD, Epidemiology	2026–	Dissertation Major Professor
Sahar Heydari, MS	USF	PhD, Beh Comm Sci	2026–	Dissertation Committee Member
Jessica Monaghan, MPH	USF-COPH	PhD, Global Com Dis	2025–	Dissertation Committee Member
Diana Diaz, MPH	USF-COPH	PhD, Comm Fam Hlth	2025–	Dissertation Committee Member
Natalia Vazquez Plaza, MPH	USF-COPH	PhD, Epidemiology	2025–	Dissertation Major Professor
Olivia Galler, MPH	USF-COPH	PhD, Epidemiology	2025–	Dissertation Major Professor
Mina Davari, MSc	USF	PhD, Beh Comm Sci	2024–	Dissertation Committee Member
Blake Barrett, MSPH	USF-COPH	PhD, Health Svcs Res	2024–	Dissertation Committee Member
Ashley Dixon, MPH	USF-COPH	DrPH	2024–	Doctoral Project Major Professor
Amandeep Ratta, MD, MS	USF-COPH	PhD, Comm Fam Hlth	2024–	Dissertation Committee Member
Maria Gomez Morales, MPH	USF-COPH	PhD, Epidemiology	2024–26	Dissertation Committee Member
Suman Chowdhury, MIS	USF-COPH	PhD, Comm Fam Hlth	2024–26	Dissertation Committee Member
Rolando Trejos, MPH	USF-COPH	PhD, Comm Fam Hlth	2024–25	Dissertation Committee Member
Santiago Hernandez MD,MSPH	USF-COPH	PhD, Global Com Dis	2023–26	Dissertation Committee Member
Erica LeCounte, MPH	USF-COPH	PhD, Comm Fam Hlth	2023–25	Dissertation Committee Member
Mianli Xiao, MPH	USF-COPH	PhD, Epidemiology	2023–24	Dissertation Committee Member
Renice Obure, MPH	USF-COPH	PhD, Epidemiology	2023–24	Dissertation Committee Member

Doctoral Students

Scholar/Student	Institution	Degree/Program	Years	Role
Rain Freeman, MPH	USF-COPH	PhD, Epidemiology	2022–	Dissertation Major Professor
Michaela Gross McGuire, MPH	USF-COPH	PhD, Epidemiology	2022–25	Dissertation Committee Member
Otobo Ujah, MBBS, MPH	USF-COPH	PhD, Epidemiology	2022–24	Dissertation Committee Member
Amr Ebied, MD, MBA	USF-COPH	PhD, Epidemiology	2021–	Dissertation Major Professor
Justin Swanson, MPH, CPH	USF-COPH	PhD, Epidemiology	2021–	Dissertation Major Professor
Anh Thy Nguyen, MSPH	USF-COPH	PhD, Epidemiology	2021–23	Dissertation Committee Member
Monica E. Nelson, MA	USF	PhD, Aging Studies	2021–23	Dissertation Committee Member
Sandra Bulens, MPH	USF-COPH	DrPH	2020–25	Doctoral Project Major Professor
Marshara Fross, MPH, CPH	USF-COPH	PhD, Epidemiology	2020–23	Dissertation Committee Member
Etran Bouchouar, RN, MPH	USF-COPH	DrPH	2020–22	Doctoral Project Co-Major Professor
Jesse Bell, MS, MPH	USF-COPH	PhD, Epidemiology	2020–22	Dissertation Major Professor
Jennifer Matas, MSPH	UTSPH	PhD, Epidemiology	2019–24	Dissertation Supervisor
Amanda Elmore, MPH, MT	USC	PhD, Epidemiology	2019–22	Dissertation Committee Member
Rema Ramakrishnan, MPH	USF-COPH	PhD, Epidemiology	2016–17	Dissertation Committee Member
Jean Paul Tanner, MPH	USF-COPH	PhD, Epidemiology	2015–17	Dissertation Committee Member

Medical Students

Scholar/Student	Institution	Degree/Program	Years	Role
Chelsea Henshaw, BA	BCM	COE program scholar	2017–18	Mentorship Committee Member
Allison Yeh, BS	BCM	MD	2017–18	Mentor for Research, Scientific Writing
Ross C. Pepper, BS	BCM	MD	2016–17	Mentor for Research, Scientific Writing
Beverly F. Steele, BS	BCM	MD	2016–17	Mentor for Research, Scientific Writing
Miranda Wang, BS	BCM	MD	2015–17	Mentor for Research, Scientific Writing

Postdoctoral Clinical and Research Fellows/Residents

Scholar/Student	Institution	Degree/Program	Years	Role
Marshara Fross, MPH, CPH	USF-COPH	Post-doctoral fellow	2023–24	Mentorship Committee Member
Megan Barry, PhD	USF-COPH	Post-doctoral fellow	2021–23	Mentorship Committee Member
Anthony Kendle, MD	USF-COPH	MFM fellow	2020–23	Fellowship Mentor (Research)
Nicolas Cortes–Penfield, MD	BCM	COE program scholar	2018–19	Mentorship Committee Member
Andria Tatem, MD	BCM	COE program scholar	2018–19	Mentorship Committee Member
Denny Fe Garcia Agana, PhD	BCM	Post–doctoral fellow	2018–20	Primary Fellowship Mentor
Michael Hansen, MD	BCM	Post–doctoral fellow	2017–20	Primary Fellowship Mentor
George Germanos, MD	BCM	Post–doctoral fellow	2017–20	Primary Fellowship Mentor
Carla Perez, MD	BCM	COE program scholar	2017–18	Mentorship Committee Member
Fabiola Reyes, MD	BCM	COE program scholar	2017–18	Mentorship Committee Member
Jessica Mayor, MD	BCM	COE program scholar	2017–18	Mentorship Committee Member
Kristen Miller, MD	BCM	COE program scholar	2017–18	Mentorship Committee Member
Syed Ahsan Raza, MBBS, PhD	BCM	Post-doctoral fellow	2016–19	Primary Fellowship Mentor
Charles C. Chima, MBBS, DrPH	BCM	Post-doctoral fellow	2016–18	Primary Fellowship Mentor
Kiara K. Spooner, DrPH	BCM	Post-doctoral fellow	2014–17	Primary Fellowship Mentor
Sudeepta Basu, MD	BCM	Neonatology fellow	2015–16	Mentor for Research, Scientific Writing

Postdoctoral Clinical and Research Fellows/Residents

Scholar/Student	Institution	Degree/Program	Years	Role
Adetola Louis–Jacques, MD	USF-COM	MFM fellow	2015–16	Mentor for Research, Scientific Writing
Mary Ashley Cain, MD	USF-COM	MFM fellow	2014–16	Mentor for Research, Scientific Writing
Mulubrhan F. Mogos, PhD	USF-COPH	Post-doctoral fellow	2011–13	Mentorship Committee Member
Marie G. Pierre, MD	USF-COM	Neonatology fellow	2009	Scholarly Oversight Committee

Junior Faculty (assistant professors)

Scholar/Student	Institution	Degree/Program	Years	Role
Jean Paul Tanner, PhD	USF-COPH	Mentoring Program	2020–	Primary Faculty Mentor
Monica Alzate, PhD, LCSW, MA	BCM	Faculty Development	2019–20	Faculty Supervisor
Keila N. Lopez, MD	BCM	COE program scholar	2018–19	Mentorship Committee Member
John Hollier, MD	BCM	COE program scholar	2018–19	Mentorship Committee Member
John Saunders, MD	BCM	COE program scholar	2018–19	Mentorship Committee Member
Michelle Schmidt, MD	BCM	COE program scholar	2018–19	Mentorship Committee Member
Iberia Romina Sosa, MD, PhD	BCM	COE program scholar	2018–19	Mentorship Committee Member
Elizabeth Tran, MD	BCM	COE program scholar	2018–19	Mentorship Committee Member
Kristin C. Jones, MD	BCM	COE program scholar	2017–18	Mentorship Committee Member
Betty Del Rio Rodriguez, MD	BCM	COE program scholar	2017–18	Mentorship Committee Member
Michelle Jones, MD	BCM	COE program scholar	2017–18	Mentorship Committee Member
Felicia Skelton, MD, MS	BCM	COE program scholar	2017–18	Mentorship Committee Member
Elisha E. Peterson, MD, FAAP	BCM	COE program scholar	2017–18	Mentorship Committee Member
Gustavo Rivero, MD	BCM	COE program scholar	2017–18	Mentorship Committee Member
Joanna Fields–Gilmore, MD	BCM	COE program scholar	2017–18	Mentorship Committee Member
Haijun Wang, PhD	BCM	Department-assigned	2015–19	Mentorship Committee Member
Anjali Aggarwal, MD	BCM	Department-assigned	2015–18	Mentorship Committee Member

Tables are ordered chronologically (most-to-least current) within each scholar level. For the many, many masters students for whom I serve as faculty advisor, but not a membership on a formal committee, I have not included them in these tables even if supervision was provided for their Independent Learning Experience and Applied Practice Experience.

BCM, Baylor College of Medicine
COE, Center of Excellence in Health Equity, Training, and Research
MFM, Maternal-Fetal Medicine
USC, University of South Carolina
USF-COPH, University of South Florida College of Public Health
USF-COM, University of South Florida College of Medicine
UTSPH, University of Texas School of Public Health

TECHNICAL SKILLS

Programming & Data Management

Advanced proficiency in **R**, with extensive use of **tidyverse**, **data.table**, and related packages for data management, reproducible workflows, statistical analysis, and visualization. More than 20 years of experience using **SAS**, with particular expertise in complex data management, macro development, and SQL processing; **SAS Certified Base Programmer**. Proficient in **SQL** and experienced working with large, complex administrative, clinical, surveillance, and population-based datasets. Working proficiency in **Python**, primarily using **pandas** and **Polars** for data processing and analytic workflows.

Statistical Analysis

Advanced experience with regression modeling, survival analysis, multilevel modeling, complex survey analysis, causal inference methods, longitudinal and correlated-data methods, and other epidemiologic and biostatistical applications using **R, SAS, and Stata**. Graduate Certificates in Biostatistics (2004) and Applied Biostatistics (2008), University of South Florida.

Record Linkage

Advanced experience designing and implementing **deterministic and probabilistic record linkage** workflows for large public health datasets, including data preprocessing and harmonization, blocking and candidate generation, probabilistic matching, linkage evaluation, and manual review. Experience with **Splink** and custom linkage workflows developed in **R, Python, and SAS**, with previous experience using **Link King and Link Plus**.

Database & Large-Data Tools

Experience with **Microsoft SQL Server, DuckDB, Apache Arrow**, and database-oriented workflows for querying, managing, and processing large datasets.

Geospatial Analysis

Experience conducting geocoding, mapping, spatial data management, and travel-time/accessibility analyses using **R** and **ArcGIS**, including spatial workflows involving **sf, terra, OSRM**, Census geographic data, and related geospatial tools.

Health & Economic Decision Analysis

Experience developing decision-analysis and state-transition (Markov) models and conducting cost-effectiveness, cost-utility, sensitivity, and microsimulation analyses using **TreeAge Healthcare Pro**.

Data Visualization & Reporting

Advanced development of publication-quality and interactive data visualizations using **R**; experience with **Tableau Desktop/Public**, including development of a statewide COVID-19 dashboard. Experience developing reproducible reports and instructional materials using **R Markdown/Quarto**.

Productivity & Development Tools

Advanced proficiency with **Microsoft Word, Excel, PowerPoint, and Outlook**; experience with **Git/GitHub**, **RStudio/Positron, Visual Studio Code**, and **DBeaver**.

PROFESSIONAL/ACADEMIC NETWORKS

Academia.edu	https://bcm.academia.edu/JasonSalemi
Google Scholar	http://scholar.google.com/citations?user=tBwZ1NEAAAAJ
LinkedIn	www.linkedin.com/in/jasonsalemi
ORCID	http://orcid.org/0000-0002-0077-6023
ResearcherID	http://www.researcherid.com/rid/N-9492-2013
ResearchGate	http://www.researchgate.net/profile/Jason_Salemi