

CHIGHAF BAKOUR, MD, Ph.D., MPH, CPH

Email: cbakour@usf.edu

EDUCATION

- 2016 **Doctor of Philosophy in Public Health/ Epidemiology (Ph.D.)**
University of South Florida, College of Public Health, Department of
Epidemiology and Biostatistics. Focus area: Maternal and Child Health
- 2007 **Master of Public Health (MPH)**
Independence University. Salt Lake City, Utah
- 1994 **Doctor of Medicine degree (MD)**
Damascus University, College of Medicine

PROFESSIONAL EXPERIENCE

- 2023 - **Associate Professor – Teaching Pathway**
University of South Florida, College of Public Health
Department of Epidemiology
- 2019- **Concentration Lead, Epidemiology MPH & MSPH**
University of South Florida, College of Public Health
- 2020- 2023 **Assistant Professor – Teaching Pathway**
University of South Florida, College of Public Health
Population Health Sciences
- 2018 - 2020 **Visiting Assistant Professor**
University of South Florida, College of Public Health
Department of Epidemiology and Biostatistics
- 2016-2017 **Adjunct Faculty**
University of South Florida, College of Public Health, Department of
Epidemiology and Biostatistics
- 2015 **Graduate Teaching Associate – Instructor of Record**
University of South Florida, College of Public Health
- 2010 – 2015 **Graduate Teaching Assistant**
University of South Florida, College of Public Health
- 2006 **Public health intern**
Spring Hill Regional Hospital. Spring Hill, FL.
Department of Quality Management and Infection Control
- 1995-1997 **Ophthalmology Resident**

Eye Surgery Hospital. Damascus, Syria.
 1994-1995 **Resident Physician**
 Al-Shami Medical Care Center, Damascus, Syria

CERTIFICATION:

2012 **Certified in Public Health (CPH)**
 1998 **Educational Commission for Foreign Medical Graduates (ECFMG).**
 [United States Medical Licensing Exams (USMLE)]

AWARDS & SCHOLARSHIPS

2021 **Kenneth Rothman Travel Scholarship**
 Society for Epidemiologic Research

2014-2015 **Maternal and Child Health Epidemiology Traineeship. \$12,500**
 Health Resource & Service Administration, Maternal and Child Health Bureau
 University of South Florida, College of Public Health

2015 **Student Honorary Award for Research and Practice. \$500**
 University of South Florida, College of Public Health

2015 **Student Government Conference Presentation Grant. \$250**
 University of South Florida

2014 **Greg Alexander Scholarship in Maternal and Child Health. \$1,000**
 University of South Florida, College of Public Health

2012 **Outstanding Oral Presentation Award. \$500**
 USF health research day

2011 **Graduate Fellowship. \$7,000**
 University of South Florida, College of Public Health

2010 **Outstanding Graduate Fellowship. \$7,000**
 University of South Florida, College of Public Health

PEER-REVIEWED PUBLICATIONS

- Song SW, **Bakour C**, Rote WR, Scacco JM, & Martin JD. Anxious adolescents? Digital media use, perceived technological impairment, and internalizing problems among 11- to 13-year-olds. *Behavior and Information Technology*. 1–19. DOI: 10.1080/0144929X.2025.2598601
- Chowdhury S*, Aydin RA, Puri H, Sundaramurugan S, Rao NR, Skinner H, Sauls R, Brice DJ, Tsang S, **Bakour C**, Kirby RS. Effect of childhood adversity on relationship between family resilience and behavioral or conduct problems in children with special healthcare needs. *The Journal of Developmental and Behavioral Pediatrics* (January,2025). DOI: 10.1097/DBP.0000000000001343

- Stein-Elger R*, Chowdhry S, Garillo MP, Sauls R, Sundaramurugan S, Rozen E, Puri H, Brice DJ, Liu J, **Bakour C**, Kirby R. The role of adverse childhood experience in the relationship between autism severity and early intervention and special education plan. *Journal of Autism and Developmental Disorders* (2024) <https://doi.org/10.1007/s10803-024-06444-w>
- Stein-Elger R*, Valencia J, Correia JS, Abdullah A, **Bakour C**, Kirby R. The impact of adverse childhood experiences (ACEs) on sleep adequacy for children with special health care needs (CSHCN) in the United States. *Disability and Health Journal*. 2023
- Desch J*, **Bakour C**, Mansuri F*, Tran D*, Schwartz SW. The Association Between Adverse Childhood Experiences and Insomnia Symptoms from Adolescence to Adulthood: Evidence from the Add Health Study. *Sleep Health*. Vol 9, Issue 5, pages 646-653. October 2023
- Terkawi AS, Bakri B, **Bakour C**. Pregnancy and Delivery Characteristics and Outcomes in Northwestern Syria: A Prospective Cohort Study. *International Journal of Obstetrics and Gynecology*. 01 May 2023. <https://doi.org/10.1002/ijgo.14826>
- Desch J*, Mansuri F, Tran D, Schwartz SW, **Bakour C**. The association between adverse childhood experiences and depression trajectories in the Add Health study. *Child Abuse and Neglect*. Vol 137, March 2023. <https://doi.org/10.1016/j.chiabu.2023.106034>.
- **Bakour C**, Mansuri F*, Jones C*, Crozier M, Wilson R, & Sappenfield W. Screen time and obesity in US adolescents. Secondary analysis of data from the National Children’s Health Study. *PLoS One*. 2022 Dec 1;17(12):e0278490. doi: 10.1371/journal.pone.0278490
- Pecoraro J*, **Bakour C**, Obern A, Mehmood A. Predictors of masking behaviors in the absence of mask mandates - an observational study from Florida Int. J. Environ. Res. Public Health 2022, 19(23), 15982; doi: 10.3390/ijerph192315982
- Neelamegam M*, Zgibor J, Chen H, O’Rourke K, **Bakour C**, Rajaram L, Anstey, K. The Effect of Opioids on the Cognitive Function of Older Adults. Results from the Personality and Total Health (PATH) Through Life Study. *Age and Ageing* 2021 Sep 11;50(5):1699-1708. doi: 10.1093/ageing/afab048.
- Neelamegam M*, Zgibor J, Chen H, O’Rourke K, **Bakour C**, Rajaram L, Anstey, K. Trends in anticholinergic and opioid prescriptions in the elderly from 2004 to 2015. Results from the Personality and Total Health (PATH) Through Life Study. *Australasian Journal on Ageing*. 40(2):e173-e177. June 2021
- Joud H*, Mohamed E, Mirza S, Tabbaa H, Tabbaa M, Khan, F, Ayoubi, N, MacDonald M, Woodard L, Oxner A, Guerra L, **Bakour C**, Mirza A. Prevalence and Management of Diabetes Among the Uninsured: A Multicenter Study in Tampa Bay, FL. *Diabetes Research and Clinical Practice*. 171 (2021). 108560. Doi: 10.1016/j.diabres.2020.108560
- **Bakour C**, Schwartz S, Wang W, Sappenfield W, Couluris M, & O’Rourke K. Sleep Duration Patterns from Adolescence to Young Adulthood and the Risk of Asthma. *Annals of Epidemiology*. 49 (2020) 20-26. doi:10.1016/j.annepidem.2020.07.00

- Neelamegam M.*, Zgibor, J., Chen H., O'Rourke K., **Bakour C.**, Rajaram L., Anstey, K. The Effect of Cumulative Anticholinergic Use on the Cognitive Function of Older Adults. Results from the Personality and Total Health (PATH) Through Life Study. *Journal of Gerontology: Medical Sciences*. (2020) Jun 8; glaa145. doi: 10.1093/gerona/glaa145
- Mansuri F*, Nash M., **Bakour C.**, & Kip K. (2020) Adverse Childhood Experiences (ACEs) and Headaches among Children: A Cross-Sectional Analysis. *Headache* 60 (4) doi: 10.1111/head.13773.
- **Bakour C**, Schwartz S, O'Rourke K, Sappenfield W, Wang W, Couluris M, Chen H. (2017). Sleep Duration Trajectories and Systemic Inflammation in Young Adults: Results From the National Longitudinal Study of Adolescent to Adult Health (Add Health). *SLEEP*. 40 (11). doi: 10.1093/sleep/zsx156.
- **Bakour C**, O'Rourke K, Schwartz S, Sappenfield W, Wang W, & Couluris M (2017). Sleep duration, obesity, and asthma, in Florida adolescents: analysis of data from the Florida Youth Risk Behavior Survey (2009–2013). *Sleep Breath* 21 (4):1039-1045. doi: 10.1007/s11325-017-1460-2

*Student

INVITED COMMENTARIES

- **Bakour C.** Childhood Body Size and Premenstrual Disorders-Is There an Association? *JAMA Network Open*. 2022 Mar 1;5(3):e221262. doi: 10.1001/jamanetworkopen.2022.1262. PMID: 35258583
- Sebastião YV, **Bakour C**, Schwartz SW. Restating well-known determinants for blood pressure: Do classification trees help? *Am J Hypertens*. 2021 Jul 16; hpab113. doi: 10.1093/ajh/hpab113. Online ahead of print. PMID: 34270673

BOOK CHAPTERS

- **Bakour C**, Nieto FJ, Petersen DJ. Sleep in Human and Cultural Evolution. In: Nieto, FJ and Petersen DJ, co-editors. *Foundations for Sleep Health*. Arlington, VA: Elsevier, anticipated publication date 2021.
- Zgibor AC, **Bakour C**, Wang W, O'Rourke K, Quast T, Venkatachalam HH. Evidence Based Approaches to Public Health. In: Liller KD, Corvin JA, & Venkatachalam HH, (editors). *Certified in Public Health: Exam Review Guide*. American Public Health Association. January, 2018. DOI: 10.2105/9780875532981ch0
- Zgibor AC, Venkatachalam HH, Wang W, Mehra S, O'Rourke K, Quast T, & **Bakour C**. 1. Data, Analysis, and Informatics. In: Liller KD, Corvin JA, & Moua MG (editors). *Certified in Public Health: Exam Review Guide, 2nd Edition*. January 2024. American Public Health Association. DOI: <https://doi.org/10.2105/9780875533551ch01>

RESEARCH REPORTS

- Martin, J. D., Song, S. W., Rote, W. R., **Bakour, C.**, Rance, L. T., Scacco, J. M., & Marcus, S. (2025). The Life in Media Survey: A baseline study of digital media use and well-being among 11- to 13-year-olds. Researchers at the University in South Florida in collaboration with The Harris Poll. Available at lifeinmediasurvey.org.

OTHER PUBLICATIONS

- Martin, J. D., & **Bakour, C.** (2025, June 26). Phone bans may have limited effects on kids' mental health [Opinion column]. Tampa Bay Times. <https://www.tampabay.com/opinion/2025/06/26/phone-bans-may-have-limited-effects-kids-mental-health-column/>
- Martin, J. D., & **Bakour, C.** (2025, June 24). We surveyed 1,500 Florida kids about cellphones and their mental health — what we learned suggests school phone bans may have important but limited effects. The Conversation. DOI 10.64628/AAI.q45cjjskm. <https://theconversation.com/we-surveyed-1-500-florida-kids-about-cellphones-and-their-mental-health-what-we-learned-suggests-school-phone-bans-may-have-important-but-limited-effects-256970>

CONFERENCE PRESENTATIONS

Oral presentations

- **Bakour C.**, Andreadakis J., Flanigan C., Rote W.M., Song S.W., Warren T., Muftah S., Martin J.D. Smartphone Use and Sleep in Young Adolescents. **American Public Health Association (APHA) annual meeting and expo** (Forthcoming, November 2025)
- Martin, J. D., Song, S. W., Rance, L. T., **Bakour, C.** & Rote, W. (2025, forthcoming). News consumption, newsjunkies, and news avoidance among young adolescents: An exploratory study of intrinsic need for orientation, Lazarsfeld's 'more-and-more' hypothesis, and media conversation orientation among 11- to 13-year-olds. To be presented to the Association for Education in Journalism and Mass Communication, San Francisco, August.
- Percoraro J*, **Bakour C**, Obern A, Mehmood A. Predictors of masking behaviors in the absence of mask mandates - an observational study from Florida. **American Public Health Association (APHA) annual meeting and expo (November 6-9, 2022). Boston, MA**
- **Bakour C**, Desch J, Mansuri F, Schwartz SW. Adverse childhood experiences and sleep quality in adulthood. **SLEEP 2021, the 35th Annual Meeting of the Associated Professional Sleep Societies, LLC (APSS)**. June 2021. *Sleep* 44 (Supplement_2), A132–A133
- Desch J*, **Bakour C**, Manusri F, Tran D, Schwartz SW. Adverse childhood experiences and depression trajectories from adolescence to adulthood. **American Public Health Association (APHA) 2021 virtual annual meeting (Oct 24-27, 2021)**.

- Nash M, Mansuri F, **Bakour C**, Owens H, Delva J, Sama N, Wilson R. Association between adverse childhood experiences and risky behaviors among adults living in Florida: A cross-sectional analysis. **APHA's 2020 VIRTUAL Annual Meeting and Expo (Oct. 24-28)**.
- **Bakour C**, O'Rourke K, Schwartz S, Wang W, Sappenfield W, & Couluris M. (2016) Sleep Duration Trajectories and Systemic Inflammation in Young Adults: Results from the National Longitudinal Study of Adolescent to Adult Health (Add Health). **American Public Health Association (APHA) annual conference (2016). Denver, Colorado**
- **Bakour C.** & Schwartz S. Obesity and Childhood Asthma. Does Breastfeeding Make a Difference? Analysis of data from the 2007-2008 NHANES. **USF health research day (2012)**

Selected poster presentations

- **Bakour C.**, Andreadakis J., Flanigan C., Muftah S., Warren T., Rote W.M., Song S.W., Martin J.D. Digital Media Use and Mental Health in Adolescents. **American College of Epidemiology Annual Meeting (September 2025)**. *Annals of Epidemiology Volume 109, 2025, Page 192*, <https://doi.org/10.1016/j.annepidem.2025.07.062>.
- Rote, W. M., Martin, J. D., Song, S. W. & **Bakour, C.** (2025). Parental mediation of early adolescent media use: Latent profiles and associations with youth adjustment and digital behavior. Presented at the Digital Media and Developing Minds International Scientific Congress, Washington, D.C., July. **This poster won the 2025 Digital Media and Developing Minds Congress Committee Award for Excellence in Science.**
- Ebied A*, Ali A, **Bakour C.** Cardiovascular diseases predominate inflammaging causes of death among patients with prostate cancer: A population-based analysis using the SEER database. **American Association of Cancer Research conference (December 3-6, 2023). Boston, MA**
- Ebied A*, Salemi J, **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. **American Association of Cancer Research conference (Nov 17-20, 2022). San Diego, CA.**
- Oberne A, Percoraro J, Bakour C, Mehmood A. Mask wearing and social distancing in Tampa, Florida and California – a comparative observational study. **American Public Health Association (APHA) annual meeting and expo.** November 6-9, 2022. Boston, MA.
- **Bakour C**, Desch J, Mansuri F, Schwartz SW. Adverse childhood experiences and sleep quality in adulthood. **SLEEP 2021, the 35th Annual Meeting of the Associated Professional Sleep Societies, LLC (APSS).** June 2021
- **Bakour C**, Desch J, Mansuri F, Schwartz SW. Adverse childhood experiences and trajectories of insomnia symptoms from adolescence to adulthood. **Society for Epidemiologic Research annual meeting** June 2021

- Cohen NJ*, Boddupalli S, Unnasch T, Walz S, Coris E, **Bakour C**, Alman A, Sneed K. Assessing the Effect of the Covid-19 Pandemic on College Athletes. *Medicine and Science in Sports and Exercise*. 53 (8). Page 302-303. Supplement S. Meeting Abstract 918. August 2021
- Tran D*, Mansuri F, Schwartz SW, Desch J, **Bakour C**. Adverse Childhood Experiences and Systemic Inflammation in Adulthood. **American College of Epidemiology annual conference**. September 2021
- **Bakour C**, Johns-Rejano C, Nash M, Wilson R., Mansuri F, Buro A., Sappenfield W. Gender Differences in the Association of Different Types of Screen Time and Obesity in U.S. Adolescents. **Society for Epidemiologic Research annual meeting (2019)**. Minneapolis, MN.
- **Bakour C**, Schwartz S, O'Rourke K, Wang W, Chen H, Sappenfield W, & Couluris M. (2016) Sleep Duration Trajectories and Asthma from Adolescence to Young Adulthood. **American Public Health Association (APHA) annual conference (2016)**. Denver, Colorado
- **Bakour C**, Schwartz S, O'Rourke K, Wang W, Sappenfield W, & Couluris M. (2016) Sleep Duration and the Risk of Asthma from Adolescence to Young Adulthood. **USF Graduate Research Symposium**.
- **Bakour C**, Schwartz S, O'Rourke K, Wang W, Sappenfield W, & Couluris M. (2016) Sleep Duration and Asthma in Adolescents and Young Adults. **USF Health Research Day**
- **Bakour, C**, O'Rourke, K, Schwartz, S, Sappenfield, W, Wang W & Couluris, M (2015) Sleep Duration, Obesity, and Asthma in Florida High School Students: Analysis of the Florida Youth Risk Behavior Survey (2009-2013). **American College of Epidemiology 2015 Annual Scientific Meeting**. Atlanta, GA. September 2015. *Annals of Epidemiology*, 25; 9; p715.
- **Bakour, C**; O'Rourke, K; Schwartz, S; Sappenfield, W; Wang W & Couluris, M (2015). Association between Sleep Duration and Asthma in Florida Youth: BMI as an Effect Modifier. Presented at: **Florida Public Health Association Annual Education Conference**. Orlando, Florida. August 2015. Primary Presenter.
- **Bakour, C** & Schwartz, S (2012). Obesity and Childhood Asthma. Does Breastfeeding Make a Difference? Analysis of data from the 2007-2008 NHANES. Presented at: **The Academy Health Annual Research Meeting**, Orlando, Florida. June 2012. Primary presenter at the main session and at the child health interest group meeting.

*Student

GRANTS

Funded:

- Characterizing the Impact of War-related Trauma and Displacement on the Health and Healthcare Needs of Refugees in the United States. USF College of Public Health internal award (2025). Amount: \$46,569. Co-Investigator (Co-I)

- Mediators of the association between Adverse Childhood Experiences (ACEs) and systemic inflammation in young adults. USF College of Public Health internal award (2019-2020). Amount: \$19,858. Role: Primary Investigator (PI)
- Prevalence and correlates of SARS-COV2 infection among USF athletes. USF Foundation grant (2020). Amount: \$25,000. Role: Co-PI

Applied but not funded:

- Analysis of data from The Life in Media Survey: Use of Digital Technology and Health and Wellness Outcomes Among 11- 13-year-olds in Florida. USF CPH internal award. PI
- Parental Adverse Childhood Experiences and Developmental Outcomes in Offspring. (NIH R03 grant). Role: Co-PI
- Predictors of prescription pain reliever misuse in young adults. Role of sleep and physical activity in adolescence. 2019 USF New Researcher Grant. Role: PI
- Development of a Survey Tool and Laboratory Methodologies for Clinical Correlates of Inflammation and Oxidative Stress for use in Substance Abuse Treatment Population. 2018 USF CPH Interdisciplinary Team Award Role: Co-PI
- Impact of interventions and process of care measures on outcomes in veterans with COPD, within clusters of comorbidities: A feasibility study. 2017 USF New Researcher Grant. Role: PI

RESEARCH INTERESTS

- Child and adolescent health
- Sleep epidemiology
- Behavioral epidemiology
- Adverse Childhood Experiences
- Mental health
- Chronic diseases

TEACHING EXPERIENCE

Assistant/Associate Professor – University of South Florida

- Epidemiology Methods II (PHC 6011). Every Fall and Spring (2017-)
- Epidemiology Methods I (PHC 6010). Every Fall (2017-2022), Fall 2025
- Practical Issues in Epidemiology (PHC 7045). Every other Summer (2021-)
- Cancer Epidemiology (PHC 6007). Every Summer (2019-)
- Epidemiology of Alzheimer's Disease (PHC 6934). Spring 2017, Spring 2019
- Reproductive and Perinatal Epidemiology (PHC 6591). Summer 2019
- Epidemiology of Infectious Diseases (PHC 6002). Fall 2019

- Introduction to epidemiology (PHC 4030). Summer 2020, Summer 2022, Fall 2022, Summer 2023 (instructor), Fall 2019- Fall 2024 (supervisor)

Adjunct Instructor – University of South Florida

- Introduction to Epidemiology (PHC 4030). Fall 2016
- Epidemiology Methods II (PHC 6011). Fall 2016

Graduate Teaching Assistant:

- Introduction to Epidemiology (PHC 4030). Fall 2015 (instructor of record)
- Computer Application for Public Health Researchers: Spring 2014, & Summer 2014
- Pop Culture Vices & Epidemiology: Spring 2013.
- Epidemiology Methods I: Spring 2012.
- Epidemiology 6000: Fall 2010, Spring 2011, Summer 2011, Fall 2011, Fall 2013.
- Epidemiology Methods II: Fall 2011.

GUEST OR INVITED LECTURES

- **Introduction to Clinical Trials.** USF Morsani College of Medicine. OB/GYN and maternal fetal medicine fellows, research bootcamp. October 2021
- **Epidemiology of Opioid Misuse:** Topics in Pharmacoepidemiology. USF COPH. Spring 2020, Spring 2021
- **Measures of Risk & Presence of Disease:** One lecture every Fall semester (2016 -). Jacksonville University, Brooks Rehabilitation College of Healthcare Sciences, School of Orthodontics. Master's program.

OTHER TEACHING ACTIVITIES

- **Survey Data Analysis Methods:** Student workshop. USF College of Public Health (Spring 2026)
- **Disease Intervention Specialist Training (DISTA):** Provided online lectures on epidemiology and surveillance (2023-)
- **Introduction to public health (2025):** Online course for medical students and graduates in Syria – Syrian American Medical Society (SAMS).
- **Evidence-Based Medicine:** Online Lectures on research methods- Syrian American Medical Society (SAMS). Audience: medical students and residents in Syria (2019, 2021)

COMMITTEE MEMBERSHIP & MENTORSHIP

Doctoral Students

- Amr Ebied (PhD candidate). Role: Co-Major professor. Inflammaging Causes of Death in Patients Diagnosed with Hematological Malignancies: A Population-based Analysis of the SEER Database. Anticipated graduation: August 2026

- Jill Desch (PhD candidate). Adverse childhood experiences and chronic stress in adulthood: the moderating role of psychological resilience examined using a life course epidemiology approach. In progress. Role: Co-major professor (anticipated graduation August, 2026)
- Jordan Creed (Phd candidate). Role: Committee member
- Lisa Hund, DrPh. Examining the Association Between Maternal Mental Health and Child Mental Health in a Diverse Birth Cohort. Graduated May 2025. Role: Co-Major professor
- Jonathan Clapp, PhD. "Detecting Changes in Cancer-Related Cognitive Functioning Using Mixed-Effects Modeling and Study Design Simulations". Graduated May 2024. Role: Co-major professor.
- Radhika Avadhani, DrPh. Risk factors associated with post-stroke depression and cognition in spontaneous intracerebral hemorrhage: a meta-analysis. Graduated May 2023. Role: Major professor
- Jesse Belle, PhD. Characterizing and Explaining Prevalence and Factors Associated with Non-Fatal Opioid Overdose in Florida. Graduated August 2022. Role : Committee member.
- Malinee Neelamegam, PhD. Effects of Medications with Anticholinergic Properties and Opioids on Cognitive Function and Neural Volumetric Changes in Elderly Australians. Dissertation for PhD in public health - epidemiology. College of Public Health, University of South Florida. Graduated May 2019. Role: Committee member

Theses for the Master of Science degree

- Dieu Tran. MSPH in Epidemiology. In progress. Role: Committee member
- Sarah Powel. MSPH in Epidemiology. Thesis title: A Review of American College Campus Tobacco or Smoke Free Policies: A Case Study of a Large Urban University. Graduated December 2020. Role: Committee member

Faculty Mentor for MPH Contract courses

- Integrated Learning Experience (ILE)/Special Projects: Spring 2018 – Spring 2026: **92** students
- Applied practice experience (APE)/Supervised Field Experience: Spring 2018 – Spring 2026: **59** students

Undergraduate honors theses (chair):

- Samya Muftah (2025-2026)
- Mohammad Mustafa (2020)
- Dean Hasan & Moaz Tabbaa (2019)
- Malik Bourghli (2019)

PROFESSIONAL SERVICE ACTIVITIES

- Chair of the Education Committee – USF College of Public Health (2025-)
- Member of the USF faculty senate (2023-2026)
- Member of USF Health Academic Council (2025-)
- Member of the USF Council on Educational Policy and Issues (CEPI) (2021-2024)
- Member of the scientific review committee, Sleep Research Society (2021-2024)
- Member of the publication committee, American College of Epidemiology (ACE, 2024)
- Member of the awards committee, American College of Epidemiology (ACE, 2024-)
- Member of the research committee, Syrian American Medical Society (2025-)
- Member of the education committee, USF College of Public Health (2019-2025)
- Member of the faculty affairs committee, USF College of Public Health (2018-2019)
- Oral abstract session chair, Society for Epidemiologic Research (SER) annual meeting (2024)
- Member of the Global Response Committee, Syrian American Medical Society (2017-2019)
- Textbook chapter reviewer: Fundamentals of Epidemiology (Book proposal and chapters 2&3). Springer Publishing Company- Demos Medical Publishing (2021)
- Grant reviewer:
 - USF College of Nursing Dean’s Grant (2021)
 - Sleep Research Society - career awards (2021-2024)
 - University of Sharjah research grant (2024)
- Manuscript reviewer (2017-). Journals:
 - American Journal of Epidemiology
 - Nature Mental Health
 - PNAS Nexus
 - PLOS one
 - Pediatric Research
 - American Journal of Preventive Medicine
 - JAMA Network open
 - Journal of Adolescent Health
 - American Journal of Nephrology
 - Behavioral Medicine
 - Journal of Sleep Medicine
 - Sleep and Breathing
 - Annals of Epidemiology
 - Behavioral Sleep Medicine
 - BMJ open
 - American Journal of Hypertension
 - Paediatric and Perinatal Epidemiology

- Pediatric Allergy, Immunology, and Pulmonology
- Public Health Reports
- Internal Medicine Journal
- Journal of Health Psychology
- Clinical & Experimental Allergy
- Journal of Gerontology: Medical Sciences
- BMC Public Health
- Cyberpsychology, Behavior, and Social Networking
- Women's Health
- Preventing Chronic Diseases
- Journal of Neurology, Neurosurgery & Psychiatry
- Psychiatric Investigation
- Child Abuse and Neglect
- PLOS Global Health
- Poster judge: USF Health Research Day (annually, 2017 -2026), Society for Epidemiologic Research annual meeting (2024).
- Reviewer: Charles Mahan Best Student Paper in MCH (2022, 2024, 2026). The Chiles Center, USF
- Reviewer: Florida Public Health Outstanding Woman of the Year (2020, 2022-2024). USF College of Public Health
- Abstract reviewer:
 - American Public Health Association annual meeting (2016, 2017)
 - American College of Epidemiology annual meeting (2019)
 - Society for Epidemiologic Research annual meeting (2021, 2022, 2024)
- Facilitator: University of South Florida Undergraduate Research Colloquium (2016-2019).
- Organizer and moderator: Epidemiology and Biostatistics Journal Club. University of South Florida, College of Public Health. (2013-2015)

COMMUNITY SERVICE ACTIVITIES

- Panelist: Beyond the Stethoscope: Diverse Perspectives in Healthcare. Pre-Health Association of Minority Students (PHAMS). University of South Florida. 02/24/2024
- Covid-19 education:
 - Online vaccine education session with Arabic-speaking refugees and immigrants in the Tampa Bay area (02/25/2021).
 - Vaccine education and Q&A during a back-to-school event for refugees in Tampa (08/07/2021)
 - Covid-19 educational videos in Arabic, posted online (06/19/2021)

- Covid-19 facts and misconceptions (Arabic, live in a large Facebook group, 2020)
- COPH Facebook live: Masks for prevention of Covid-19 (2020)
- Health education lectures for refugee women in Tampa, Florida (2018): Family planning, women's health, and child health.
- Panelist: University of Florida Diversity Day (2018): Refugee health and the work of the Syrian American Medical Society.
- Lecture: Health News in the Media. November 2015. Healthy Lifestyle Conference. Hernando County, FL.
- Speaker: Universal Academy of Florida, high school career fair (2019)

PROFESSIONAL MEMBERSHIP AND AFFILIATIONS

- Fellow of the Chiles Center for Healthy Mothers and Babies (2019-)
- Society for Epidemiologic Research (2019-)
- American College of Epidemiology (2015-)
- American Public Health Association (2010-)
- Sleep Research Society (2020-)
- International Epidemiology Association (2019-)
- Sigma Xi, the scientific research honor society (2019-)
- Florida Public Health Association (2015-)
- Syrian American Medical Society (2016-)
- American Academy of Sleep Medicine (2015-2016)
- Epidemiology and Biostatistics Student Association at USF (2013 - 2014): Vice President of Public Relations; (2013 -2016: Member)

PROFESSIONAL DEVELOPMENT

- Peer observation program – USF (2024)
- Teaching with artificial intelligence – online course (2024)
- Introduction to parametric and non-parametric estimators for causal inference. Society for Epidemiologic Research, virtual workshop (May 2022)
- Causal mediation analysis. Society for Epidemiologic Research, virtual workshop (May, 2022)
- USF course design institute: December 13-17, 2021
- DEI Foundations: Implicit Bias in Higher Education. Academic Impressions (2021)
- Anti-Racism in Higher Education: Ensuring It's a Movement, Not Just a Moment. Academic Impressions (2021)
- SAS Macro Language (2021)

- Causal Diagrams: Draw Your Assumptions Before Your Conclusions. Harvard University course via edX (2020-2021).
- USF summer grant writing workshop (2020)
- Longitudinal Data Analysis Using Discrete and Continuous Responses (Online workshop). 2020
- Critical review and preparation of manuscripts reporting epidemiologic findings- SER pre-conference workshop. 2019
- E-values, Unmeasured Confounding, Measurement Error, and Selection Bias- SER pre-conference workshop. 2019
- An introduction to directed acyclic graphs: What you never wanted but needed to know about bias and didn't even know to ask. SER pre-conference workshop. (2019)
- Mental Health First Aid (2019)
- Independent Applying the QM Rubric (APPQMR) (2018)
- USF Health writing workshop (2018)
- USF Summer Teaching Symposium (2018)
- USF Academy for Teaching and Learning Excellence (ATLE) workshops: First Fridays, Teaching Circle. Multiple workshops (2017 -)
- Online Instructor Certificate (2017)

SKILLS

- Microsoft Office: Word, Excel, PowerPoint, Publisher, Access
- Articulate Storyline
- Statistical software: SAS, R, SPSS
- Foreign languages: Arabic (native)