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**Marie C. Boman-Davis, PhD, MPH, MCHES, PAPHS**  
**Curricula Vitae (October 2019)**

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**EDUCATION**

- 2014      *Doctor of Philosophy in Public Health (Health Behavior)*  
University of California, San Diego and San Diego State University
- 2007      *Master of Public Health (Health Promotion)*  
San Diego State University
- 2000      *Bachelor of Science in Health Science (Community Health Education)*  
San Diego State University (Cum Laude & Distinguished Graduate)

**ACADEMIC APPOINTMENTS**

National University, San Diego, CA

- 07/19-present      *Course Lead*, COH 602 Biostatistics  
Master of Public Health, Department of Community Health
- 07/18-present      *Associate Professor*, Department of Community Health
- 07/18-present      *Course Lead*, COH 617 Public Health Aspects of Violence  
Master of Public Health, Department of Community Health
- 07/15-present      *Course Lead*, COH 613 Public Health Informatics  
Master of Public Health, Department of Community Health
- 06/14-06/18      *Assistant Professor*, Department of Community Health
- 04/13-06/18      *Academic Program Director*, Bachelor of Science in Public Health (BSPH)  
Department of Community Health  
2017-2018 - Academic Program Director for the BSPH (Online)  
2016-2017 - Academic Program Director for the BSPH (Onsite & Online)  
2013-2016 - Program Lead for the BSPH (Onsite)
- 04/13-06/14      *Instructor*, Department of Community Health
- 10/09-3/13      *Adjunct Faculty*, Department of Community Health

Graduate School of Public Health, San Diego State University, San Diego, CA

- 2009-2015      *Adjunct Assistant Faculty (Research)*  
Center for Behavioral Epidemiology and Community Health

**CURRENT PROFESSIONAL CERTIFICATIONS**

- 2017-present      *Physical Activity in Public Health Specialist (PAPHS) #1053498*  
American College of Sports Medicine
- 2017-present      *Certificate of Mastery: Assessing Learning for College Credit*  
Council for Adult and Experiential Learning Faculty Assessor Training (CAEL)
- 2014-present      *Master Certified Health Education Specialist (MCHES) #14227*

National Commission for Health Education Credentialing

### **CURRENT CERTIFICATES**

- Expires 9/2020    *Researchers - Social and Behavioral Focus*  
 Issuer: Collaborative Institutional Training Initiative (CITI)
- No Expiration    SAS® Programming 1: Essentials
- No Expiration    Statistics 1: Introduction to ANOVA, Regression, and Logistic Regression  
 Issuer: SAS

### **RESEARCH APPOINTMENTS**

- 2018-present    ***Collaborator***, HSIs New to NSF: Courses for Undergraduate Research Experience (CURE) CURE-ing microbes on ocean plastic -  
 An undergraduate research framework to characterize the microbiome of plastic in Southern California coastal waters.  
 Department of Mathematics and Natural Sciences,  
 College of Letters and Sciences, National University  
 (Barrel (PI) National Science Foundation #1832545)
- 2016-2018    ***Principle Investigator***, Interactive Health Career Pathways Tool  
 Innovation Grant, National University System, Office of the Chancellor  
 (Boman-Davis (PI) #350401: \$25,000 & #350402: \$20,000)
- 2014-2015    ***Principle Investigator***, Thirdhand Smoke Research  
 (Boman-Davis (PI) \$4,000, Presidential Award, National University)
- 2014-2015    ***Co-Investigator/Research Scientist II***, Innovation for Smoke-Free Homes, Center for Behavioral Epidemiology and Community Health, San Diego State University Research Foundation, San Diego, CA  
 (Hovell (PI) NIH/NHLBI #R01 HL103684)
- 2011-2014    ***Research Associate/Project & Intervention Coordinator***, Innovation for Smoke-Free Homes, Center for Behavioral Epidemiology and Community Health, San Diego State University Research Foundation, San Diego, CA  
 (Hovell (PI) NIH/NHLBI #R01 HL103684)
- 2010-2011    ***Text Message Study Coordinator***,  
 National Children's Study, University of California, San Diego  
 San Diego State University, (Chambers (PI) & Hovell (Co-PI))  
 (NIH/NICHD # NIH-NICHD-NCS-07-11W; HHSN267200700021C)
- 2008-2010    ***Research Scientist I/Program Manager***, Hookah Use and Secondhand Smoke & Hookah Tobacco Use: Carcinogenic Metabolites, Center for Behavioral Epidemiology and Community Health, San Diego State University Research Foundation, San Diego, CA  
 (Kassem (PI) Flight Attendant Medical Research Institute # 52364)  
 (Kassem (PI) American Cancer Society #RSG-09-098-01-CNE)



- 2006-2008 **Research Specialist II/Study Coordinator/Study Manager**,  
Hookah Use and Secondhand Smoke,  
Center for Behavioral Epidemiology and Community Health,  
San Diego State University Research Foundation, San Diego, CA  
(Kassem (PI) Flight Attendant Medical Research Institute # 52364)
- 2002-2003 **Research Assistant II**, Trial of Activity for Adolescent Girls,  
Institute for Behavioral and Community Health, San Diego State University  
Research Foundation, San Diego, CA  
(Elder (PI) NIH/NHLBI # R01 1U01HL66856)

**NON-ACADEMIC & NON-RESEARCH POSITIONS**

- 2017-present **Owner**, Health Equity Research and Evaluation, San Diego, CA  
(California Tobacco Control Program Local Program Evaluator Directory)
- 2008-2008 **Grant Writer**, Sacramento Chinese Community Service Center  
Sacramento, CA (Location: San Diego, CA)
- 2004-2007 **Independent Tobacco Control Consultant**, San Diego, CA
- 2003-2004 **Prevention Specialist**, Communities Against Substance Abuse  
El Cajon, CA (Competitive Grantee of the former California  
Tobacco Control Section)
- 2002-2003 **Project Director**, Young Adult Action Network, Public Health Foundation  
Enterprises INC, City of Industry, CA (Location: San Diego, CA)  
(Competitive Grantee of the former California Tobacco Control Section)
- 2001-2002 **Assistant Project Director**, Young Adult Action Network  
Public Health Foundation Enterprises INC, City of Industry, CA  
(Location: San Diego, CA) (Competitive Grantee of the former  
California Tobacco Control Section)
- 2000-2001 **Project Coordinator**, Youth Media Network, Public Health Foundation  
Enterprises INC, City of Industry, CA (Location: San Diego, CA)  
(Competitive Grantee of the former California Tobacco Control Section)
- 1999-2000 **Marketing Assistant**, Coleman College, San Diego, CA
- 1998-2000 **Adult Liaison**, California Youth Advocacy Network  
Public Health Foundation Enterprises INC, City of Industry, CA  
(Location: San Diego, CA) (Competitive Grantee of the former  
California Tobacco Control Section)
- 1997-1998 **Adult Liaison**, Gold Country Tobacco Prevention Coalition  
American Lung Association of Sacramento-Emigrant Trails, Sacramento, CA  
Current Agency Name: Breathe California – Sacramento Region  
(Competitive Grantee of the former California Tobacco Control Section)

- 1995-1998      **Project Coordinator**, Thumbs Up! Thumbs Down!  
American Lung Association of Sacramento-Emigrant Trails, Sacramento, CA  
Current Agency Name: Breathe California – Sacramento Region  
(Competitive Grantee of the former California Tobacco Control Section)
- 1992-1995      **Independent Tobacco Control Consultant and Volunteer Advocate**  
Sacramento, CA

### PEER-REVIEWED JOURNAL PUBLICATIONS

- Hovell, M. F., Bellettiere, J., Liles, S., Nguyen, B., Berardi, V., Johnson, C., Matt, G.E., Malone, J., **Boman-Davis, M.C.**, . . . Hughes, S. C. (2019). Randomised controlled trial of real-time feedback and brief coaching to reduce indoor smoking. *Tobacco Control*, doi: 10.1136/tobaccocontrol-2018-054717
- Kassem, N.O., Jackson S.R., **Boman-Davis, M.**, Kassem, N.O., Liles, S., Daffa, R.M., Yasmin, R., Madanat, H., Hovell, M.F. (2015) Hookah Smoking and Facilitators/Barriers to Lounge Use among Students at a US University. *Am J Health Behav.* 39(6):832-848. doi: 10.5993/AJHB.39.6.11
- Bellettiere, J., Hughes, S. C., Liles, S., **Boman-Davis, M.**, Klepeis, N. E., Blumberg, E., Mills, J., Berardi, V., Obayashi, S., Allen, T. T., & Hovell, M. F. (2014). Developing and Selecting Auditory Warnings for a Real-Time Behavioral Intervention. *Am J of Public Health Res*, 2(6), 232-238. doi: 10.12691/ajphr-2-6-3
- Hovell, M.F., Adams, M.A., Hofstetter, C.R., Martinez-Donate, A.P., Gonzalez-Perez, G.J., Rovniak, L.S., **Boman-Davis, M.C.** (2014) Complete Home Smoking Bans and Antitobacco Contingencies: A Natural Experiment. *Nicotine & Tobacco Research.* 16(2): 186-196 doi:10.1093/ntr/ntt130
- Klepeis NE, Hughes SC, Edwards RD, Allen T, Johnson M, Chowdhury Z, Smith K, **Boman-Davis M**, Bellettiere J, Hovell MF. (2013) Promoting Smoke-Free Homes: A Novel Behavioral Intervention Using Real-Time Audio-Visual Feedback on Airborne Particle Levels. *PLoS ONE* 8(8): e73251. doi:10.1371/journal.pone.0073251. PMID: PMC3751871

### GOVERNMENT REPORT

- Al-Delaimy, W.K., White, M.M., Mills, A.L., Pierce, J.P., Emory, K., **Boman, M.**, Smith, J., Edland, S. (2010) Final Summary Report of Two Decades of the California Tobacco Control Program: California Tobacco Survey, 1990-2008, La Jolla, CA: University of California, San Diego.

### CONFERENCE PAPERS (PEER-REVIEWED)

- Boman-Davis, M.** (2014). Big Data in a Small Trial: Visual and Statistical Analyses in an N-of-1 Clinical Trial. Western Users of SAS Software Conference, San Jose, CA. Invited Paper. Industry Solutions. September 3-5, 2014.

2. **Boman-Davis, M.** (2013). Weighting Multiple Years to Identify Trends: A Logistic Regression of Public Use Data. Western Users of SAS Software Conference, Las Vegas, NV. November 13-15, 2013. Best Contributed Paper Winner in Health Outcomes & Healthcare Research Methodologies.

#### CONFERENCE PRESENTATIONS (PEER-REVIEWED)

1. Barral, A.M., Simmons, R.E., **Boman-Davis, M.**, DeForce, E., Shovlowsky, J., Bowman, J. Engaging Nontraditional Students by CURE-ing Microbes on Ocean Plastics. American Society for Biochemistry and Molecular Biology (ASBMB) Conference, April 8, 2019. Orlando, FL.
2. **Boman-Davis, M.**, Jimenez, J. Food Insecurity and Likely Psychological Distress among Low-Income Women in California with a BMI 30+. *American Public Health Association, Annual Meeting*, San Diego, CA. Oral Presentation. November 13, 2018. Susan B. Anthony Aetna Award for Excellence in Research on Older Women and Public Health (Winner)
3. Bellettiere, J., Hughes, S., Klepeis, N., Liles, S., Nguyen, B., **Boman-Davis, M.** Project Fresh Air: Real-time feedback to encourage smoke-free homes. *44<sup>th</sup> Annual Convention of the Association for Behavioral Analysis International*, San Diego, CA. May 26, 2018.
4. **Boman-Davis, M.**, Alvarado, O. "Classroom to Community: Real-Time Competency Development with ArcGIS". Esri Education GIS Conference, Marriott Marquis San Diego Hotel, San Diego, CA. Oral Presentation. July 9, 2017.
5. **Boman-Davis, M.**, Hovell, M.F. "Real-Time Health Behavior Intervention Using Telemetry". European Association for Behavior Analysis, Università Kore di Enna, Sicily, Italy. Oral Presentation, September 15, 2016.
6. **Boman-Davis M.**, Jackson, K., Larimore, M., Torrez, G. Elevating Youth Engagement and Empowerment with ArcGIS. Society for Public Health Education 67th Annual Meeting - Building Capital: Investing in the Future of Health Education, Westin Downtown Charlotte in Charlotte, NC. Technology Roundtable Presentation. April 1, 2016.
7. **Boman-Davis M.**, Jackson, K., Moya, K., Knutson, G., Linayao-Putman, I. Tobacco Retailer Licensing Education: A Community and University Collaboration. Esri Health and Human Services GIS Conference, Grand Hyatt Atlanta in Buckhead, Atlanta, GA. Oral Presentation. September 15, 2015.
8. **Boman-Davis, M.**, Hovell, M.F. Visual and Inferential Analyses of Real-Time Data: A Health Behavior N-of-1 Clinical Trial. Symposium Presentation. CalABA Conference, San Diego, CA, February 19, 2015.
9. Bender, M., **Boman-Davis, M.** Time Series Analysis of Real-Time Data: Application in a Health Behavior Intervention. Symposium Presentation. CalABA Conference, San Diego, CA, February 19, 2015.

10. **Boman-Davis M.** Big Data in a Small Trial: Visual and Statistical Analyses in an N-of-1 Clinical Trial. *Western Users of SAS Software, Annual Meeting, San Jose, CA.* Invited Speaker. September 4, 2014.
11. **Boman-Davis M.,** Alvarado O. Health Equity in Affordable Housing: Voluntary Smoke-Free Multi-Unit Housing Policies. *Promising Practices to Promote Tobacco-Free Active Living and Healthy Eating in Low Socioeconomic Status Communities, Hyatt Regency Crystal City, Arlington, VA.* Panel Presentation. April 29, 2014.
12. **Boman-Davis, M.** Weighting Multiple Years to Identify Trends: A Logistic Regression of Public Use Data. *Western Users of SAS Software Conference, Las Vegas, NV.* Paper Presentation. November 15, 2013.
13. **Boman M.,** Marcelli E. "Family Environment, Social Capital and Smoking among Brazilian Migrants in the Boston Metropolitan Area." Roundtable Presentation, "Innovative Student Research in Public Health", American Public Health Association, Annual Meeting in Philadelphia, PA, November 10, 2009.
14. **Boman, M.** "Tobacco, The Internet and Youth Advocacy." Panel Presentation. National Conference on Tobacco or Health, New Orleans, LA, November 27-29, 2001.

#### DISSERTATION

1. **Boman-Davis, M. (2014).** A Real-Time Intervention to Improve Household Air Quality among Low-Income Families. San Diego State University (Chair: Hovell) and University of California, San Diego (Co-Chair: Madlensky).

#### THESIS

1. Boman, M. (2007). Electronic Recruitment of San Diego State University Graduate and Post-Graduate Students into a Web Based Survey on Hookah Tobacco Use. San Diego State University (Chair: Hovell Chair).

#### CONFERENCE POSTERS (PEER-REVIEWED)

1. Bhawal, R., **Boman-Davis, M.** Religious Service Attendance and Adolescent Female Birth Control Counseling. Oregon Public Health Association 75th Annual Conference & Meeting, Corvallis, OR. Poster Presentation. October 14, 2019.
2. **Boman-Davis, M.,** Bhawal, R. Waiting to Receive Birth Control Counseling: Weighted Analyses of Public-Use Data. *Western Users of SAS Software, Annual Meeting, Renton, WA.* ePoster Presentation. September 5, 2019.
3. Barral, A.M., Simmons, R.E., Bowman, J. DeForce, E., Boman-Davis, M. Engaging Nontraditional Students by CURE-ing Microbes on Ocean Plastics. Using Research on Ocean Plastic Microbes to Engage Undergraduate Students in a Hispanic-Serving Non-Traditional University. Gordon Research Conference on Undergraduate Biology Education Research. Poster Presentation. June 23-28, 2019. Lewiston, ME.
4. Barral, A.M., Simmons, R.E., **Boman-Davis, M.,** Bowman, J., DeForce, E. "A CURE Framework Based on Ocean Plastic Research to Engage Non-traditional Undergraduate

- Students in a Hispanic-Serving Institution: Design and Preliminary Results”. *American Society for Microbiology (ASM) Microbe Conference*, Moscone Center, San Francisco, CA. Poster Presentation. June 21, 2019.
5. **Boman-Davis, M.**, Noboa, M. Colonoscopy and Smoking Status among Older Hispanic Adults in the U.S. *American Public Health Association, Annual Meeting*, San Diego, CA. Poster Presentation. November 13, 2018.
  6. **Boman-Davis, M.**, Irvin, V. Home Smoking Bans among Homosexual or Bisexual Adults in California, USA. *American Public Health Association, Annual Meeting*, San Diego, CA. Poster Presentation. November 11, 2018.
  7. Mendez, S., **Boman-Davis, M.** The Relationship Between Psychological Distress and the Initiation of Tobacco Use Among Young Adults 18 to 29 Years. *Western Users of SAS Software, Annual Meeting*, Sacramento, CA. ePoster Presentation. September 5, 2018.
  8. Noboa, M., **Boman-Davis, M.** “The Relationship Between Colorectal Cancer Screenings and Low Health Literacy Levels in Hispanic/Latina Women Over 50 Years Old in the United States” Poster Presentation. Institute for Healthcare Advancement (IHA) Conference, Irvine, CA, May 7, 2015.
  9. **Boman-Davis, M.** Cigarette Smoking Trends Among Korean Woman in California. Poster Presentation. *Healthography*. 142<sup>nd</sup> American Public Health Association Annual Meeting and Exposition, New Orleans, LA. The Color of Smoke: Advancing Tobacco-Related Health Equity, November 16, 2014.
  10. Bellettiere J., Berardi, V., **Boman-Davis, M.**, Hovell, M. (2014). Low Frequency Smoking among Mexicans and Mexican Americans in San Diego, Tijuana, and Guadalajara: A First Look. University of California Global Health Day, University of California Davis, Davis, CA, Poster Presentation. April 26, 2014.
  11. Klepeis N., Hughes S., Edwards R., Allen T., Johnson M., Chowdhury Z., Smith K., **Boman-Davis M.**, Belettiere J., Hovell M. "Using Real-Time Monitor Feedback to Reduce Particle Levels in Smoking Homes", Society for Behavioral Medicine, March 20, 2013.
  12. Sipan C.L., Hovell M.F., Carrizosa C., Chambers C., Ji M., Weeks T., Ganiats T., **Boman M.** “Pre-diagnosis predictors of risk reduction after diagnosis among MSM receiving care in Tijuana.” October 29, 2012, American Public Health Association, Annual Meeting in San Francisco, CA.
  13. Kassem N., Kassem NO., Daffa R., Jackson S., Wahlgren D., **Boman M.**, Hovell MF. "Secondhand Smoke Exposure in Hookah Lounges." Poster Presentation, 9<sup>th</sup> Annual Flight Attendant Medical Research Institute Meeting, Miami, FL, May 3-5, 2010.
  14. Jackson SR, **Boman MC**, Kassem NO, Hovell MF. Correlates of Waterpipe Use among Undergraduate College Students. Poster presented at the Flight Attendant Medical Research Institute (FAMRI), Eighth Scientific Symposium. Boston, MA, May 11-13, 2009.



15. **Boman, M.**, “Electronic Recruitment of Graduate and Post-Graduate Students at San Diego State University into a Web Based Survey on Hookah Tobacco Use.” Poster Presentation at the Tobacco Related Disease Research Program (TRDRP) Investigators Meeting, Sacramento, CA, October 8, 2007.

#### **PROFESSIONAL AND COMMUNITY PRESENTATIONS**

1. **Boman-Davis, M.** Andragogy in Action, Professional Development Series, School of Health and Human Services, National University, Virtual Presentation, October 12, 2017.
2. **Boman-Davis, M.**, Jouganatos, B., Ranke, P., Parker, R., Chillas, J. “Undergraduate Journeys: A Real-Time Academic and Career Tool for an Exceptional Student Experience”. National University Spring Symposium, San Diego, CA. Panel Presentation, March 29, 2017.
3. **Boman-Davis M**, Donaldson D, Vasquez V, Smith TC. Multi-Disciplinary Integration of GIS. National University Faculty Scholarship Conference. Panel Presentation. September 8, 2015 San Diego, CA.
4. **Boman-Davis, M.**, Jackson, K. Real-Time Action Research: Map Your Findings (ArcGIS). Campaign For Tobacco-Free Kids: Youth Advocacy Ambassador Symposium. Oral Presentation. Courtyard by Marriot, Washington, DC, Sunday, July 26, 2015
5. **Boman-Davis, M.**, Jackson, K. Story Maps: Share Your Experience (ArcGIS). Campaign for Tobacco-Free Kids: Youth Advocacy Ambassador Symposium. Oral Presentation. Courtyard by Marriot, Washington, DC, Sunday, July 26, 2015
6. Berardi V, Hovell M, Carretero R, Hughes S, Belletiere J, Klepeis N, Obayashi S, Jones J, Liles S, **Boman-Davis M**, Nguyen B. Big Data in Practice: A Health-Based Intervention. Big Data Science at SDSU Lightning Talks and Forums, San Diego State University, San Diego, CA, March 7, 2015
7. Hovell M, Hughes S, Berardi V, Belletiere J, Klepeis N, Obayashi S, Jones J, Liles S, **Boman-Davis M**. Real Time Measures & Interventions: Setting the Stage for Engineering Human Behavior. Big Data Science at SDSU Lightning Talks and Forums, San Diego State University, San Diego, CA, March 7, 2015.
8. **Boman-Davis, M.** A Real-Time Intervention to Improve Household Air Quality among Low-Income Families, National University, Community Health Department, Faculty Focus on Research, San Diego, CA. Mock Dissertation Defense Presentation. April 17, 2014.
9. **Boman-Davis. M.** “Real-Time Assessment of Learning Onsite: eClicker iPad Application.” National University Spring Symposium, San Diego Marriot Mission Valley, San Diego, CA. Presentation. March 27, 2014.
10. **Boman, M.**, “What is Hookah?” Oral Presentation, San Diego County Office of Education Tobacco Use Prevention and Safe Schools and Communities District Coordinators Meeting, San Diego, CA, October 16, 2007.

## **TEACHING EXPERIENCE**

Department of Community Health Department, 2009-present  
School of Health & Human Services, National University, San Diego, CA

- Undergraduate (Bachelor of Science in Public Health): 19 Courses
- Graduate (Master of Public Health – Council on Public Health Accredited): 20 Courses

### **Bachelor of Science in Public Health**

#### ***Health Behavior (COH 321)***

- March 2018 (Taught - Hybrid 50/50)
- August 2013 (Taught - Onsite)

COH 321 Course Description: Considers the significant influence that individual and collective behavior exerts on health status. Relationships of behavior and social variables are examined, including natural and built environments, economics, and public policy.

#### ***Health Promotion Program Planning & Evaluation (COH 380)***

- November 2013 (Taught - Onsite)
- November 2009 (Taught - Onsite)

COH 380 Course Description: Knowledge and skills essential to assessing needs, developing goals and objectives, and planning activities for health promotion programs presented. Developing program plans incorporating evaluation standards included. Program implementation explored.

#### ***Public Health & Physical Activity (COH 416)***

- September 2018 (Taught – Onsite – Hybrid 50/50)
- August 2018 (Taught - Online - Asynchronous)

COH 416 Course Description: Challenges to establishing and maintaining a physically active lifestyle in society examined. Physical, psychological, and social benefits of habitual physical activities considered. Public health impacts of sedentary living presented. Interventions to improve physical activity assessed.

#### ***Drug Use & Abuse (COH 418)***

- May 2012 (Taught - Online - Synchronous)
- December 2011 (Taught - Onsite)
- April 2011 (Taught - Onsite)

COH 418 Course Description: Biomedical, physiological, psychological, and sociological impacts of drugs of use and abuse explored. Effects of changing public policy and educational programs considered. Impacts of specific drugs on society and health status examined. Social norm and policy effects considered.

#### ***Health Promotion Strategies & Tactics (COH 430)***

- February 2012 (Taught - Onsite)
- June 2011 (Taught - Onsite)
- June 2010 (Taught - Onsite)

COH 430 Course Description: Methodologies to implement health promotion programs emphasized. Levels of intervention, from individual to society, are shown. Criteria for selecting methodologies presented.

***Public Health Field Practicum (COH 499)***

- July-August 2019 (Taught - Online - Asynchronous)
- January-February 2019 (Taught - Online - Asynchronous)
- October-November 2018 (Taught - Online - Asynchronous)
- November-December 2017 (Taught - Online - Synchronous)
- July-August 2017 (Taught - Online - Synchronous)
- May-June 2016 (Taught - Online - Synchronous)
- November-December 2015 (Taught - Hybrid 50/50)
- November-December 2014 (Taught - Hybrid 50/50)

COH 499 Course Description: The public health field practicum is a culminating experience to demonstrate public health competencies through practical application of knowledge and skills. The 8-week (4.5 unit) course has several requirements including official documentation of at least 120 hours of approved public health experience, an electronic portfolio, a capstone paper and a presentation. Documentation of approved hours can begin up to 9 months in advance after participating in orientation and receiving written approval from Lead Faculty (For more information email BSPH-Internship@nu.edu). Students are expected to initiate contact and interview with public health preceptors from currently affiliated agencies or full-time faculty in the Department of Community Health. Students may also request an affiliation agreement for a new agency including a current employer. Students seeking experience from their current employer must demonstrate that duties are separate from current job duties. Students may work with one or more preceptors according to interests, abilities, and availability and may complete approved certifications towards accumulation public health experience. Grading is S/U only. Course is IP eligible.

**Master of Public Health (Accredited: Council on Education for Public Health)**

***Theories of Health Behavior (COH 604)***

- January 2013

COH 604 Course Description: The theoretical basis of individual health behavior. Application of cognitive, psychosocial and environmental theories of health behavior and theories of self-directed and professionally facilitated health behavior change. Emphasis on Behavior Modification, Health Belief Model, Theory of Planned Behavior, Social Cognitive Theory, Stress and Coping, Social Support, and Transtheoretical Model.

***Public Health Program Development (COH 607)***

- January 2014

COH 607 Course Description: Development of community-wide interventions to promote health and prevent disease. Systematic design by application of the principles of epidemiology, health behavior and Evidence-Based Public Health. Includes Community-

Based Participatory Research and investigation of ethical issues in conducting community-based public health programs.

***Public Health Program Evaluation (COH 609)***

- February 2014 (Taught – Onsite)
- July 2019 (Taught – Online – Asynchronous)

COH 609 Course Description: Fundamentals of evaluation methods applied to public health interventions. Effective use of measurement tools to evaluate achievement of program goals and objectives. Includes analysis of validity and reliability of measurement instruments. Emphasis on reach, effectiveness, acceptance, implementation and maintenance of community programs. Includes fundamentals of proposal development.

***Public Health Informatics (COH 613)***

- April 2019 (Taught – Online – Asynchronous)
- October 2018 (Taught – Onsite – Hybrid 80/20)
- April 2018 (Taught - Online - Asynchronous)
- January 2018 (Taught - Online - Asynchronous)
- October 2017 (Taught - Online - Synchronous)
- October 2016 (Taught - Hybrid 80/20)
- July 2016 (Taught - Online - Synchronous)
- April 2016 (Taught - Onsite)
- October 2015 (Taught - Online - Synchronous)
- April 2015 (Taught - Onsite)
- October 2014 (Taught - Onsite)
- June 2014 (Taught - Online - Independent Study)
- April 2013 (Taught - Onsite)

COH 613 Course Description: Application of information systems and technology to public health practice and research. Information technologies that support and improve the status of individual and community health. Development, deployment and maintenance of these systems. Effective use of data, information and knowledge tools to build, manage, merge, retrieve and analyze public health data.

***Public Health Aspects of Violence (COH 617)***

- February 2019 (Taught - Online - Synchronous)
- November 2018 (Taught - Online - Synchronous)

COH 617 Course Description

Intimate partner violence, child neglect and abuse, assault, homicide, war and terrorism are explored from a public health perspective. Focus on risk factor reduction and prevention of deaths, disability and human suffering.

***Public Health Internship (COH 691)***

- July 2013 (Taught - Online - Independent Study)

COH 691 Course Description: Work in public health agency planning, implementing and/or evaluating a health promotion program or programs; work in a public/private healthcare facility organizing, financing and delivering healthcare services. Minimum of 120 hours of structured work experience in a healthcare organization under the direct supervision of one or more experienced public health practitioners/healthcare leaders. Course is eligible for In Progress (IP) grade. This is a two month course.

***Public Health Capstone (COH 692)***

- July-August 2017 (Taught - Onsite)
- July-August 2016 (Taught - Onsite)
- July-August 2014 (Taught - Onsite)

COH 692 Course Description: Two-month capstone project focused on a relevant problem in public health theory or practice. Planning and completion of either a data-based research project or a scholarly and creative activity related to public health. Student project may require Institutional Review Board (IRB) approval. Course is eligible for In Progress (IP) grade.

**AWARDS and RECOGNITION**

2018	<b><i>Susan B. Anthony Aetna Award for Excellence in Research on Older Women and Public Health (Winner)</i></b> Aging and Public Health Section, American Public Health Association
2018	<b><i>Jerry C. Lee Faculty Senate Outstanding Service Award (Nominee)</i></b> National University
2016	<b><i>Presidential Scholar (Recipient)</i></b> National University
2015	<b><i>Faculty Inductee</i></b> Delta Omega, Gamma Psi Chapter, National University
2013	<b><i>Best Contributed (Health Outcomes) Paper</i></b> Western Users of SAS Software Conference, Las Vegas, NV
2013	<b><i>Faculty Scholar</i></b> Western Users of SAS Software Conference, Las Vegas, NV
2012	<b><i>Awardee</i></b> , Local Advisory Committee Comprehensive SDSU/UCSD Cancer Center Partnership
2011	<b><i>Bixby Scholar</i></b> , San Diego State University, Bixby Center on Population and Reproductive Health
2010	<b><i>Awardee</i></b> , Local Advisory Committee Comprehensive SDSU/UCSD Cancer Center Partnership
2010	<b><i>Bixby Scholar</i></b> , San Diego State University Bixby Center on Population and Reproductive Health

- 2008-2011 ***Pre-Doctoral Fellow***, Transdisciplinary Training for Predoctoral Behavioral Scientists, SDSU's Ruth L. Kirschstein National, Research Service Award Institutional Training Grant, National Institute of General Medical Sciences, National Institutes of Health (Hovell (PI) NIH/NIGMS #1 T32 GM084896-02)
- 2006-2008 ***Trainee***, Cornelius Hopper Diversity, Water Pipe Use, ETS Exposure & Home Policy in Arab Americans, Tobacco-Related Disease Research Program, (TRDRP #14KT-0107)
- 2003 ***Leadership (Award)*** - Young Adult Workgroup Member American Lung Association of San Diego and Imperial Counties
- 2001 ***President's Award for Leadership and Service (Award)*** San Diego Society for Public Health Education
- 2000 ***Outstanding Individual Leadership (Nominee)***, Luther L. Terry Award American Cancer Society
- 1997 ***Outstanding Service (Award)*** American Lung Association of Sacramento-Emigrant Trails

**UNIVERSITY SERVICE**

- 2019-present ***Graduate Assessment Committee (Approved Member)*** Faculty Senate, National University
- 2017-2018 ***Online and Educational Technology Committee (Approved Member)*** Faculty Senate, National University
- 2015-2018 ***NU2020 Strategic Planning Committee (Elected Member)*** Office of the President, National University
- 2015-2017 ***Committee on Nominations and Elections (Elected Member)*** Faculty Senate, National University
- 2015-2016 ***Organizational Effectiveness - NU2020 (Co-Chair)*** Office of the President, National University
- 2015-2016 ***ArcGIS User Group (Invited Chair)*** School of Professional Studies, National University
- 2015-2016 ***Class Size Taskforce (Selected Member)*** Office of the Provost, National University
- 2015 & 2016 ***Presidential Scholar Review Committee (Appointed Member)*** Office of the Provost, National University
- 2014-2016 ***Undergraduate Council (Elected Member)***

National University

- 2013-2016 ***Research Council (Appointed Member)***  
Office of the Provost, National University
- 2015-2016 - Blackboard (Member)
  - 2015-2016 - Faculty Lecture Series (Member)
  - 2014-2015 - Community Engagement, Strategic Planning (Member)
  - 2014-2016 - Faculty Scholar of the Year Award (Voting Member)
  - 2013-2015 - Student Scholarship Conference (Co-Chair)

### **SCHOOL SERVICE**

- 2017-2018 ***American Cancer Society Cancer Action Network & National University Federal Work-Study (Advisor)***  
School of Health and Human Services, National University
- 2017-2017 ***Online Teaching Professional Development (Appointed – Participant)***  
Center for Innovation and Learning, National University
- 2014-2015 ***Academic Affairs Committee (Elected Member)***  
School of Health and Human Services, National University
- 2014-2015 ***Interprofessional Education Core (Member), Center of Excellence***  
School of Health and Human Services, National University
- 2013-2014 ***Task Force on Community Engagement (Member)***  
School of Health and Human Services, National University
- 2013-2018 ***School Assessment Committee (Member)***  
School of Health and Human Services, National University
- 2013-2015 ***Faculty Search Committee (Selected Member)***  
School of Health and Human Services, National University

### **DEPARTMENT SERVICE**

- 2019-present ***Awards Committee (Member)***  
Department of Community Health, National University
- 2016-2017 ***Faculty Focus on Teaching (Member)***  
Department of Community Health, National University
- 2014-2017 ***Awards Committee (Member)***  
Department of Community Health, National University
- 2014-2015 ***Adjunct Summit Committee (Member)***  
Department of Community Health, National University
- 2014-2015 ***Community Service and Volunteerism Committee (Member)***  
Department of Community Health, National University

2014-2015      *Scheduling Committee (Elected Chair)*  
Department of Community Health, National University

2013-2017      *Faculty Focus on Research (Member)*  
Department of Community Health, National University

**PROGRAM SERVICE**

2018-present    *Evaluation Committee (Chair)*  
Master of Public Health, National University

2018-present    *Program Annual Review Committee (Member)*  
Bachelor of Science in Public Health, National University

2018-2018      *Curriculum Committee (Member)*  
Master of Public Health, National University

2018-2018      *Evaluation Committee (Member)*  
Master of Public Health, National University

2017-2018      *Council on Education for Public Health Self-Study Committee (Member)*  
Master of Public Health, National University

2016-2018      *Program Annual Review (Chair)*  
Bachelor of Science in Public Health, National University

2014-2015      *Five Year Review (Co-Chair)*  
Bachelor of Science in Public Health, National University

2013-2014      *Program Annual Review (Co-Chair)*  
Bachelor of Science in Public Health, National University

2013-2013      *Program Annual Review (Chair)*  
Bachelor of Science in Public Health, National University

**COMMUNITY/PROFESSIONAL SERVICE**

2018-2019      *Academic Scholars Program Committee (Co-Chair)*  
Wester Users of SAS Software Conference 2019

2017-2017      *Abstract Reviewer - 2018 AAHB Annual Meeting*  
American Academy of Health Behavior

2017-2017      *Grant Reviewer*  
Source Selection Committee (Member)  
Maternal, Child, and Family Health Services  
County of San Diego Health & Human Services Agency

2016-2017      *Research Breakfast Committee (Member)*



- American Cancer Society Cancer Action Network
- 2016-2016 ***State Lobby Day (Participant)***  
American Cancer Society Cancer Action Network
- 2014-2016 ***Policy Committee (Member)***  
Community Health Improvement Partners
- 2014-2014 ***Smoke-Free Multi-Unit Housing Subcommittee (Invited Member)***  
City Council, National City, CA
- 2015-2015 ***Mapping Your Tobacco Control Story in Real-Time (ArcGIS) (Organizer)***  
Department of Community Health, National University
- 2015-2015 ***ePoster Section (Chair)***  
Western Users of SAS Software Educational Forum and Conference
- 2014-2015 ***Technical Review (Book) – SAS Institute Inc.***  
Ottesen, R.A., Delwiche, L.D., Slaughter, S.J., (2015) *Exercises and Projects for the Little SAS Book, Fifth Edition*. Cary, NC, USA: SAS Institute Inc.
- 2013-present ***San Diego Tobacco Control Coalition (Member)***  
County of San Diego Health and Human Services Agency
- 2010-present ***Journal Reviewer***
- |              |                                      |
|--------------|--------------------------------------|
| 2019-present | Health Behavior Research             |
| 2018-present | Journal of Smoking Cessation         |
| 2013-2016    | Tobacco Control                      |
| 2012-2017    | Nicotine and Tobacco Research        |
| 2010         | Journal of Adolescence (Co-Reviewer) |
- 2003 & 2007 ***Grant Reviewer***  
Source Selection Committee (Member)  
Tobacco Control Resource Program  
County of San Diego Health & Human Services Agency

**CURRICULUM DEVELOPMENT**

- 2018-2018 ***COH 607 Public Health Program Development (Online-Asynchronous)***  
***COH 609 Public Health Program Evaluation (Online-Asynchronous)***  
***COH 613 Public Health Informatics (Online-Asynchronous)***  
Master of Public Health, Department of Community Health  
School of Health and Human Services, National University
- 2017-2018 ***Bachelor of Science in Public Health Program (Online – Asynchronous)***  
Directed the Development of 20 Online – Asynchronous Courses  
Department of Community Health, National University  
School of Health and Human Services, National University

- 2017-present ***GISX2100 Storytelling with Maps***  
Extended Learning, National University
- 2009-2009 ***COH 380 Health Promotion Program Planning & Evaluation (Onsite)***  
Bachelor of Science in Public Health, National University
- 2001-2002 ***Media Advocacy: A Guide for College Advocates***  
Young Adult Action Network  
Public Health Foundation Enterprises INC
- 1998-2000 ***College Advocacy Guide: How to Create Collage Coalitions***  
California Youth Advocacy Network,  
Public Health Foundation Enterprises INC

### **CONSULTATIONS**

- 2018 Research & Evaluation Design, Improving Undergraduate STEM Education:  
Hispanic-Serving, National Science Foundation, Program Solicitation 18-524  
College of Letters and Sciences, National University
- 2017 Grant Development, Regional Initiative to Mobilize Communities and Reduce  
Tobacco-Related Disparities Among African American/Black; Asian/Pacific  
Islander; Hispanic/Latino; And Lesbian, Gay, Bisexual, Transgender, Queer  
Populations, Request for Applications 17-10569  
CASA for Safe & Healthy Neighborhoods, El Cajon, CA
- 2014 Expert Statement, National City Council, Smoke-Free Multi-Unit Housing
- 2014 Expert Statement, San Diego City Council, Inclusion of e-Cigarettes  
in Smoke-Free Outdoor Policies
- 2014 Expert Resource, El Cajon City Council, Inclusion of e-Cigarettes  
in Smoke-Free Outdoor Policies

### **PROFESSIONAL MEMBERSHIPS (CURRENT)**

- 03/31/20 (Exp.) American College of Sports Medicine  
06/25/20 (Exp.) American Evaluation Association  
12/31/19 (Exp.) Society for Prevention Research  
06/30/20 (Exp.) Society for Public Health Education