# WILLIAM A. CALO, PHD, JD

Assistant Professor of Public Health Sciences Penn State College of Medicine

# **CONTACT INFORMATION**

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Lab website: https://sites.psu.edu/calolab/

Twitter: @WilliamACalo

# **EDUCATION**

### PhD, Health Management and Policy (8/2010 – 6/2014)

The University of Texas School of Public Health, Houston, TX

Joint minors in Health Economics and Health Behavior / Concentration in Health Disparities

Dissertation: Place Matters: Associations between Contextual Characteristics and Health.

#### **Juris Doctor** (8/2006 – 8/2010)

University of Puerto Rico, School of Law, San Juan, PR

Editorial board member, *University of Puerto Rico Law Review* (Vol. 77)

Summer abroad program at the University of Barcelona School of Law, Barcelona, Spain

### **MPH, Epidemiology** (8/2004 – 7/2005)

University of Puerto Rico, Graduate School of Public Health, San Juan, PR

Thesis: Clinical Conditions Associated with Environmental Exposures: An Epidemiologic Study in Two Communities in Juana Diaz, Puerto Rico.

#### **BS, Biology** (8/1999 – 6/2004)

University of Puerto Rico, College of Natural Sciences, San Juan, PR

# PROFESSIONAL EXPERIENCE

### **Assistant Professor** (Tenure track, 6/2017 – present)

The Pennsylvania State University, College of Medicine, Department of Public Health Sciences, Division of Health Services and Behavioral Research, Hershey, PA

Affiliate Faculty, Penn State Law (3/2020 – present)

Assistant Professor (courtesy), Department of Health Policy and Administration (6/2017 – present)

Director of Implementation Research, Penn State Project ECHO (3/2020 – present)

*Member*, Penn State Cancer Institute, Population Health and Cancer Control Program (10/2017 – present)

### **Postdoctoral Research Associate** (7/2014 – 6/2017)

University of North Carolina, Gillings School of Global Public Health, Department of Health Policy and Management and Department of Health Behavior, Chapel Hill, NC

### **Health Policy Consultant** (Contractor, 7/2012 – 6/2014)

University of Puerto Rico, Comprehensive Cancer Center, Cancer Control Program, San Juan, PR

### **Attorney Advisor** (Contractor, 3/2012 – 9/2012)

Department of Health of Puerto Rico, Division of Tobacco Control and Oral Health, San Juan, PR

### **Pre-/Postdoctoral Fellow** (9/2010 – 6/2014)

The University of Texas School of Public Health, Center for Health Promotion and Prevention Research and Institute for Health Policy, Houston, TX

### **Legal Aid Clinic Intern – Indigent Criminal Justice** (8/2009 – 6/2010)

University of Puerto Rico, School of Law, San Juan, PR

Supervised by Prof. Francisco Rebollo Lopez, former Associate Justice, Supreme Court of Puerto Rico

### **Project Manager** (10/2008 – 8/2010)

University of Puerto Rico, School of Medicine, San Juan, PR

NCI-funded RCT "Cancer risk reduction through combined treatment for tobacco and alcohol use" and Community Outreach Core Program, grant U54 CA096300

### **Research Assistant** (9/2005 – 9/2008)

University of Puerto Rico, School of Medicine, San Juan, PR

NCI-funded project "Increasing the utilization of the Puerto Rico Quitline through outreach" and Biostatistics Core Program, grant U54 CA096297

### **Graduate Research Assistant** (11/2004 – 6/2005)

University of Puerto Rico, Graduate School of Public Health, Department of Epidemiology and Biostatistics, San Juan, PR

### **Legislative Aide** (1/2003 – 8/2004)

Senate of the Commonwealth of Puerto Rico, San Juan, PR

### **Legislative Intern** (8/2002 – 12/2002)

Senate of the Commonwealth of Puerto Rico, San Juan, PR

# HONORS & AWARDS

**Competitively Selected Participant**, Training Institute for Dissemination and Implementation Research in Cancer (TIDIRC), National Cancer Institute (2/2019 – 7/2019)

Outstanding Journal Reviewer, Elsevier's Preventive Medicine Reports (1/2018)

**Travel Award**, University of North Carolina Lineberger Comprehensive Cancer Center, Cancer Outcomes Research Program (9/2016)

**Postdoctoral Fellowship Award**, University of North Carolina at Chapel Hill. NCI-funded Cancer Care Quality Training Program, grant R25 CA116339 (7/2014 – 9/2016)

**Research Scholarship**, The University of Texas School of Public Health (8/2013 – 12/2013)

**Community-based Participatory Research Traineeship**, MD Anderson Cancer Center. NCI-funded *Latinos Contra el Cancer* Community Networks Program, grant U54 CA153505 (8/2011 – 6/2014)

**Pre-/Postdoctoral Fellowship Award**, The University of Texas School of Public Health. NCI-funded Cancer Education and Career Development Program, grant R25 CA057712 (9/2010 – 6/2014)

New Student Merit Scholarship, The University of Texas School of Public Health (8/2010 – 5/2011)

Epidemiology Section Student Abstract Award, American Public Health Association (11/2006)

**Dean's Leadership Award**, University of Puerto Rico, Graduate School of Public Health (6/2005)

Student Council Leadership Award, University of Puerto Rico, Medical Sciences Campus (6/2005)

# **PUBLICATIONS**

**JOURNAL ARTICLES** (\* indicates primary advisor of student/trainee. Dr. Calo has 51 peer-reviewed articles, 19 of which are first-authored, and his Google Scholar citations' h-index=16 with 803 citations)

- 1. Mama SK, Bhuiyan N, Foo W, Segel JE, Bluethmann SM, Winkels RM, Wiskemann J, Calo WA, Lengerich EJ, Schmitz KH. Rural-Urban Differences in Meeting Physical Activity Recommendations and Health Status in Cancer Survivors in Central Pennsylvania. *Support Care Cancer*. Forthcoming. doi: 10.1007/s00520-020-05342-y
- 2. Ortiz AP, Mendez-Lazaro P, **Calo WA**, Garcia-Camacho S, Mercado-Casillas AM, Cabrera-Marquez JJ, Tortolero-Luna G. Strengthening resilience and adaptive capacity to disasters in cancer control plans: Lessons learned from Puerto Rico. *Cancer Epidemiol Biomarkers Prev.* Forthcoming.
- 3. Calo WA, Brewer NT. HPV vaccine requirements, opt-outs and providers' support: Key studies missing from a recent systematic review. *Hum Vaccin Immunother*. 2020; 16(1):128-30. doi: 10.1080/21645515.2019.1646580.
- 4. **Calo WA**, Shah PD, Gilkey MB, Vanderpool R, Barden S, Doucette W, Brewer NT. Implementing pharmacy-located HPV vaccination: Findings from pilot projects in five states. *Hum Vaccin Immunother*. 2019; 15(7-8):1831-8. PMCID: PMC6746514. doi: 10.1080/21645515.2019.1602433.
- 5. Spencer J, Calo WA, Brewer NT. Racial disparities and reverse disparities in HPV vaccination: A systematic review and meta-analysis. *Prev Med.* 2019; 123:197-203. PMCID: PMC6724708. doi: 10.1016/j.ypmed.2019.03.037.
- 6. Margolis MA, Brewer NT, Shah PD, **Calo WA**, Gilkey MB. Stories about HPV vaccine in social media, traditional media, and conversations. *Prev Med.* 2019; 118:251-6. doi: 10.1016/j.ypmed.2018.11.005.
- 7. **Calo WA**, Gilkey MB, Malo T, Robichaud M, Brewer NT. A content analysis of HPV vaccination messages available online. *Vaccine*. 2018;36(49):7525-9. doi: 10.1016/j.vaccine.2018.10.053.
- 8. Shah PD, Calo WA, Gilkey MB, Boynton MH, Alton Daily S, Todd KG, Margolis MA, Brewer NT. Questions and concerns about HPV vaccine: A communication experiment. *Pediatrics*. 2018;143(2): e20181872. PMCID: PMC6361359. doi: 10.1542/peds.2018-1872.
- 9. Shah PD, **Calo WA**, Marciniak M, Gilkey MB, Brewer NT. Support for pharmacist-provided HPV vaccination: National surveys of US physicians and parents. *Cancer Epidemiol Biomarkers Prev.* 2018;27(8):970-8. PMCID: PMC6092750. doi: 10.1158/1055-9965.EPI-18-0380.
- Calo WA, Gilkey MB, Leeman J, MacKinnon J, Averette C, Sanchez S, Kornides M, Brewer NT. Coaching primary care clinics for HPV vaccination quality improvement: Comparing in-person and webinar implementation. *Transl Behav Med.* 2019; 9(1)23-31. PMCID: PMC6305561. doi: 10.1093/tbm/iby008.
- 11. Fernandez ME, Walker TJ, Weiner BJ, Calo WA, Liang S, Risendal B, Friedman DB, Tu SP, Williams RS, Jacobs S, Hermann AK, Kegler MC. Developing measures to assess constructs from the Inner Setting domain of the Consolidated Framework for Implementation Research. *Implement Sci.* 2018; 13:52. PMCID: PMC5870186. doi: 10.1186/s13012-018-0736-7.
- 12. Shah PD, **Calo WA**, Marciniak M, Golin C, Sleath B, Brewer NT. Service quality and parents' willingness to get adolescents HPV vaccine from pharmacists. *Prev Med.* 2018; 109:106-12. PMCID: PMC5843559. doi:10.1016/j.ypmed.2018.01.002.
- 13. Kornides ML, Calo WA, Heisler-MacKinnon JA, Gilkey MB. U.S. primary care clinics' experiences during introduction of the 9-valent HPV vaccine. *J Community Health*. 2018;43(2):291-6. PMCID: PMC5832505. doi: 10.1007/s10900-017-0420-x.

- 14. Calo WA, Gilkey MB, Shah P, Marciniak MW, Brewer NT. Parents' willingness to get HPV vaccination for their adolescent children at a pharmacy. *Prev Med.* 2017; 99:251-6. PMCID: PMC5545978. doi: 10.1016/j.ypmed.2017.02.003
- 15. Gilkey MB, Calo WA, Marciniak MW, Brewer NT. Parents who refuse or delay HPV vaccine: Differences in vaccination behavior, beliefs, and clinical communication preferences. *Hum Vaccin Immunother*. 2017; 13(3):680-686. PMCID: PMC5360115. doi: 10.1080/21645515.2016.1247134
- 16. McCarthy S, Walmer K, Boggan J, Gichane MW, Calo WA, Beauvais HA, Brewer NT. Awareness of cervical cancer causes and pre-determinants of likelihood to screen among women in Haiti. *J Low Genit Tract Dis.* 2017; 21:37-41. PMCID: PMC5545975. doi: 10.1097/LGT.0000000000000281
- 17. Gichane MW, Calo WA, McCarthy S, Walmer D, Boggan J, Brewer NT. Human papillomavirus awareness in Haiti: Preparing for a national HPV vaccination program. *J Pediatr Adolesc Gynecol*. 2017; 30(1):96-101. PMCID: PMC5545972. doi: 10.1016/j.jpag.2016.07.003
- Colón-López V, Fernández-Espada N, Vélez C, Gonzalez VJ, Diaz-Toro EC, Calo WA, Savas LS, Pattatucci A, Fernández ME. Communication about sex and HPV among Puerto Rican mothers and daughters. *Ethn Health*. 2017; 22(4):348-60. PMCID: PMC5557394. doi: 10.1080/13557858.2016.1246938
- 19. Colón-López V, González D, Vélez C, Fernández-Espada N, Feldman-Soler A, Ayala-Escobar K, Ayala-Marín AM, Soto-Salgado M, Calo WA, Pattatucci-Aragón A, Rivera-Díaz M, Fernández ME. Community-Academic Partnership to Implement a Breast and Cervical Cancer Screening Education Program in Puerto Rico. P R Health Sci J. 2017;36(4):191-197.
- 20. Correa-Fernández V, Díaz-Toro EC, Reitzel LR, Guo L, Chen M, Li Y, Calo WA, Shih YCT, Wetter DW. Combined treatment for at-risk drinking and smoking cessation among Puerto Ricans: A randomized clinical trial. *Addict Behav.* 2017; 65:185-92. PMCID: PMC5358923. doi: 10.1016/j.addbeh.2016.10.009
- 21. Calo WA, Gilkey MB, Shah PD, Moss JL, Brewer NT. Parents' support for school-entry requirements for HPV vaccination: A national study. *Cancer Epidemiol Biomarkers Prev.* 2016; 25(9):1317-25. PMCID: PMC5010506. doi:10.1158/1055-9965.EPI-15-1159
- 22. Trogdon J, Shafer P, Shah PD, **Calo WA**. Are state laws granting pharmacists authority to vaccinate associated with HPV vaccination rates among adolescents? *Vaccine*. 2016; 34(38): 4514-9. PMCID: PMC4996696. doi: 10.1016/j.vaccine.2016.07.056
- 23. Califano S+, **Calo WA**+, Weinberger M, Gilkey MB, Brewer NT. [+ shared first authorship] Physician support of HPV vaccination school-entry requirements. *Hum Vaccin Immunother*. 2016; 12(6):1626-32. PMCID: PMC4964636. doi: 10.1080/21645515.2016.1149275
- 24. Gilkey MB, Calo WA, Moss JL, Shah PD, Marciniak MW, Brewer NT. Provider communication and HPV vaccination: The impact of recommendation quality. *Vaccine*. 2016; 34(9):1187-92. PMCID: PMC4944755. doi: 10.1016/j.vaccine.2016.01.023
- 25. Calo WA, Vernon SW, Lairson D, Linder S. Area-level socioeconomic inequalities in the use of mammography screening: A multilevel analysis of the Health of Houston Survey. *Womens Health Issues*. 2016; 26(2):201-7. PMCID: PMC4761271. doi: 10.1016/j.whi.2015.11.002
- 26. **Calo WA**, Brewer NT. Trends in Genital Warts in the Era of Human Papillomavirus Vaccination. *Sex Transm Dis.* 2015; 42(12):669-70. PMCID: PMC4648687. doi: 10.1097/OLQ.000000000000381
- 27. Brewer NT, **Calo WA**. HPV transmission in adolescent men who have sex with men. *Lancet Infect Dis*. 2015; 15(1):8-9. PMCID: PMC4347870. doi: 10.1016/S1473-3099(14)71019-9

- 28. Calo WA, Fernández ME, Fernández-Espada N, Colón-López V. Exploring the role of ethnic identity on the attitudes towards HPV vaccine advertising among Puerto Ricans: A qualitative analysis. *J Immigr Minor Health*. 2015; 17(1): 314-7. PMCID: PMC3961571. doi: 10.1007/s10903-013-9909-2
- 29. Calo WA, Braswell LC, Breen J, Hall M, Flores-Rojas KL, Mooneyham R, Schaal J, Hardy C, Dave G, Pérez-Jolles M, Garcia N, Reuland DS. Experiences of Latinos with limited English proficiency with clinic front office staff: An exploratory study to inform community-based translational research in North Carolina. *BMC Health Serv Res.* 2015; 15(1):570. PMCID: PMC4690234. doi: 10.1186/s12913-015-1235-z
- 30. Cole AM, Tu SP, Fernandez M, Calo WA, Hotz J, Wolver S. Reported use of electronic health records to implement evidence-based approaches to colorectal cancer screening in Community Health Centers. *J Health Care Poor Underserved*. 2015;26(4):1235-45. doi: 10.1353/hpu.2015.0120
- 31. Calo WA, Vernon SW, Lairson D, Linder S. Associations between contextual factors and colorectal cancer screening in a racially and ethnically diverse population in Texas. *Cancer Epidemiol*. 2015; 39(6):798-804. PMCID: PMC4680846. doi: 10.1016/j.canep.2015.09.012
- 32. Calo WA, Suarez E, Soto-Salgado M, Quintana RA, Ortiz AP. Assessing lung cancer disparities between Puerto Ricans and other racial/ethnic groups in the United States, 1992-2010. *J Immigr Minor Health*. 2015;17(3):971-5. PMCID: PMC4449802. doi: 10.1007/s10903-014-0153-1
- 33. Fernández ME, Le YC, Fernandez-Espada N, **Calo WA**, Savas LS, Vélez C, Pattatucci A, Colón-López V. Knowledge, attitudes, and beliefs about Human Papillomavirus (HPV) vaccination among Puerto Rican mothers and daughters, 2010: A qualitative study. *Prev Chronic Dis.* 2014; 11:E212. PMCID: PMC4264466. doi: 10.5888/pcd11.140171
- 34. Calo WA, Ortiz AP, Colón-López V, Krasny S, Tortolero-Luna G. Factors associated with perceived patient-provider communication quality among Puerto Ricans. *J Health Care Poor Underserved*. 2014; 25(2):491-502. PMCID: PMC4154245. doi: 10.1353/hpu.2014.0074
- 35. Díaz-Toro EC, Fernandez ME, Correa-Fernández V, **Calo WA**, Ortíz AP, Mejía L, Mazas C, Santos-Ortiz MC, Wetter DW. Promoting tobacco cessation and smoke-free workplaces through community outreach partnerships in Puerto Rico. *Prog Community Health Partnersh.* 2014; 8(2):157-68. PMCID: PMC4237274. doi: 10.1353/cpr.2014.0032
- 36. **Calo WA**, Krasny S. Environmental determinants of smoking behaviors: The role of policy and environmental interventions in preventing smoking initiation and supporting cessation. *Curr Cardiovasc Risk Rep.* 2013; 7(6):446–52. PMCID: PMC3947572. doi: 10.1007/s12170-013-0344-7
- 37. **Calo WA**, Ortiz AP, Suárez E, Guzmán M, Pérez CM, Pérez CM. Association of cigarette smoking and metabolic syndrome in a Puerto Rican adult population. *J Immigr Minor Health*. 2013; 15(4):810-6. PMCID: PMC3502663. doi: 10.1007/s10903-012-9660-0
- 38. Colón-López V, Banerjee G, Gertz AM, Ortiz AP, **Calo W**, Finney-Rutten LJ, Colón-Ramos U, Hesse BW, Tortolero G. Behavioral correlates of fruit and vegetable intake in Puerto Rico: results from the Health Information National Trends Survey. *P R Health Sci J.* 2013;32(4):194-9.
- 39. Suárez E, González L, Díaz-Toro EC, **Calo WA**, Bermúdez F, Ortiz AP. Incidence of oral cavity and pharyngeal cancers by anatomical sites in population-based registries in Puerto Rico and the United States of America. *P R Health Sci J.* 2013;32(4):175-81.
- 40. Popham K, Calo WA+, Carpentier MY+, Chen NE+, Kamrudin SA+, Le Y-CL+, Skala KA+, Thornton LR+, Mullen PD [+ equal contribution]. A framework and sequential approach for optimal use of reporting guidelines in preventive medicine and public health. *Am J Prev Med.* 2012;43(4):e31-e42. PMCID: PMC3475417. doi: 10.1016/j.amepre.2012.06.031

- 41. Calo WA, Fernandez ME, Rivera M, Diaz E, Correa-Fernandez V, Pattatucci A, Wetter DW. Assessing awareness and use of evidence-based programs for cancer control in Puerto Rico. *J Cancer Educ*. 2012; 27(3):486-93. PMCID: PMC3422596. doi: 10.1007/s13187-012-0348-x
- 42. Ortiz AP, Soto-Salgado M, **Calo W**, Nogueras G, Tortolero-Luna G, Hebl S, Figueroa-Vallés N, Suárez E. Disparities in breast cancer in Puerto Rico and among Hispanics, non-Hispanic Whites and non-Hispanic Blacks in the United States. *Breast J.* 2010;16(6):666-8. doi: 10.1111/j.1524-4741.2010.00990
- 43. Ortiz AP, Soto-Salgado M, **Calo WA**, Tortolero-Luna G, Pérez CM, Romero CJ, Pérez J, Figueroa-Vallés N, Suárez E. Incidence and mortality rates of selected infection-related cancers in Puerto Rico and in the United States. *Infect Agent Cancer*. 2010,5:10. PMCID: PMC2891681. doi:10.1186/1750-9378-5-10
- 44. Torres-Cintrón M, Ortiz AP, Pérez-Irizarry J, Soto-Salgado M, Figueroa-Vallés NR, De La Torre-Feliciano T, Ortiz-Ortiz KJ, **Calo WA**, Suárez-Pérez E. Incidence and mortality of the leading cancer types in Puerto Rico: 1987-2004. *P R Health Sci J*. 2010; 29(3):317-29.
- 45. Ortiz-Ortiz KJ, Pérez-Irizarry J, Marín-Centeno H, Ortiz AP, Torres-Berrios N, Torres-Cintrón M, de la Torre-Feliciano T, Laborde-Rivera J, **Calo WA**, Figueroa-Vallés NR. Productivity loss in Puerto Rico's labor market due to cancer mortality. *P R Health Sci J*. 2010;29(3):241-9.
- 46. **Calo WA**, Suárez-Balseiro C, Suárez E, Soto-Salgado M, Santiago-Rodríguez EJ, Ortiz AP. Assessing the scientific research productivity of Puerto Rican cancer researchers: Bibliometric analysis from the Science Citation Index. *P R Health Sci J.* 2010;29(3):250-5.
- 47. Ortiz AP, **Calo WA**, Suárez-Balseiro C, Maura-Sardo M, Suárez E. Bibliometric assessment of cancer research in Puerto Rico, 1903-2005. *Pan Am J Public Health*. 2009;25(4):353-61.
- 48. Soto-Salgado M, Suárez E, Calo W, Cruz-Correa M, Figueroa-Vallés NR, Ortiz AP. Incidence and mortality rates for colorectal cancer in Puerto Rico and among Hispanics, non-Hispanic Whites, and non-Hispanic Blacks in the United States, 1998-2002. *Cancer*. 2009, 115(3):3016-23. PMCID: PMC4136810. doi: 10.1002/cncr.24340
- 49. Suárez E, **Calo WA**, Hernández EY, Diaz EC, Figueroa NR, Ortiz AP. Age-standardized incidence and mortality rates of oral and pharyngeal cancer in Puerto Rico and among Hispanics, non-Hispanic Whites, and non-Hispanic Blacks in the USA. *BMC Cancer*. 2009, 9(1):129. PMCID: PMC2684121.
- 50. **Calo WA**, Quintana R, Catoni IE, Valle Y, Alvarez JJ, Colón WM, et al. Clinical conditions associated with environmental exposures: An epidemiologic study in two communities in Juana Diaz, Puerto Rico. *PR Health Sci J.* 2009; 28(2):126-34. PMCID: PMC3885176.
- 51. Ortíz AP, Díaz-Toro EC, **Calo WA**, Correa-Fernández V, Cases A, Santos-Ortiz MC, Mazas C, Mejía L, Wetter DW. Characteristics of smokers assessing the Puerto Rico Quitline. *PR Health Sci J*. 2008;27(3):213-9. PMCID: PMC2763363.

#### **UNDER REVIEW**

- 1. **Calo WA**, Shah PD, Gilkey MB, Dyer AM, Margolis M, Alton Daily S, Brewer NT. Misinformation and other elements in HPV vaccine tweets: An experimental comparison. *Am J Public Health*.
- 2. Brewer NT, Noronha CB, Gilkey MB, **Calo WA**, Liu A, Todd K, Alton Dailey S. Implementation of HPV vaccine communication training for clinicians: Using the Announcement Approach.
- 3. Margolis M, Brewer NT, Shah PD, **Calo WA**, Alton Dailey S, Gilkey MB. Talking about younger age or fewer doses: What motivates HPV vaccination timeliness?

- 4. Shah PD, Calo WA, Gilkey MB, Margolis MA, Alton Daily S, Brewer NT. Easing parents' concerns about HPV vaccine and counseling for vaccination: A national experiment.
- 5. Calo WA, Spanos K, Doerksen S, Pergolotti M, Schmitz KH. Implementing Strength after Breast Cancer (SABC): A rehabilitative exercise program for breast cancer survivors. *Implement Sci Commun*
- 6. Hoke A, Stuckey H, Keller C, Lu Z, Hivner E, Calo WA, Kraschnewski J. In their own words: Resources needed by school nurses to facilitate student immunization compliance. *J School Health*

#### NON-REFEREED TECHNICAL REPORTS

- United Way of Pennsylvania. *ALICE in Pennsylvania: A Financial Hardship Study*. 119 pages. Harrisburg, PA; United Way of Pennsylvania; 2019. [Research advisor] https://bit.ly/2NmioVD
- Addressing challenges of Latino patients with limited English proficiency. E-Newsletter of the Office for Diversity, Equity and Inclusion. Vol 1, Issue 40, Pages 2-4. Hershey, PA: Penn State College of Medicine [Guest writer]
- Puerto Rico Comprehensive Cancer Control Coalition. *Puerto Rico Comprehensive Cancer Control Plan*, 2015–2020. San Juan, PR: University of Puerto Rico; 2014. [Consultant] <a href="http://bit.ly/2s2pHoT">http://bit.ly/2s2pHoT</a>

# **PRESENTATIONS**

PUBLISHED CONFERENCE ABSTRACTS (Underline indicates that Dr. Calo was the presenter)

- 1. Ortiz AP, Rivera M, Garcia S, **Calo WA**, Tortolero G, Umpierre S, Daluz-Santana I, Mendez P. Impact of hurricane-related stressors and responses on oncology care and outcomes of women with gynecologic cancer in Puerto Rico. *Cancer Res.* 2019; 79 (13 Suppl): LB157. Poster presentation at the American Association for Cancer Research Annual Meeting; 2019 Mar 29-April 3; Atlanta, GA.
- 2. <u>Calo WA</u>, Gilkey MB, Malo TL, Robichaud MO, Brewer NT. Messages about HPV vaccination: An environmental scan and content analysis. *Ann Behav Med.* 2019; 53(Suppl 1):S315 Poster presentation at the 40th Annual Meeting of the Society of Behavioral Medicine; 2019 March 6-9; Washington, DC.
- 3. Shah PD, Calo WA, Gilkey MB, Boynton MH, Alton Dailey S, Todd KG, Robichaud MO, Margolis M, Brewer NT. Questions and concerns about HPV vaccine: A communication experiment. *Ann Behav Med*. 2019; 53(Suppl 1):S451. Oral presentation at the 40th Annual Meeting of the Society of Behavioral Medicine; 2019 March 6-9; Washington, DC.
- 4. Brewer NT, Shah PD, Calo WA, Gilkey MB, Alton Dailey S, Todd KG, Margolis M. Easing concerns about HPV vaccine and counselling patients to get it: A national experiment. *Ann Behav Med.* 2019; 53(Suppl 1):S451. Oral presentation at the 40th Annual Meeting of the Society of Behavioral Medicine; 2019 March 6-9; Washington, DC.
- 5. <u>Calo WA</u>, Bluethmann SM, Foo W, Lengerich EJ, Mama SK, Segel J, Winkels R, Wiskemann J, Schmitz KH. Exploring racial/ethnic differences in physical activity and behavioral risk factors among cancer survivors in central Pennsylvania. *Med Sci Sports Exerc*. 2018; 49(5):S313. Poster presentation at the American College of Sport Medicine Annual Meeting; 2018 May 29-June 2; Minneapolis, MN.
- 6. Mama SK, Foo W, Winkels RM, Wiskemann J, Bluethmann SM, Calo WA, Segel JE, Lengerich EJ, Schmitz KH. Rural-Urban Differences in Meeting Physical Activity Recommendations in Cancer Survivors in Central Pennsylvania. *Med Sci Sports Exerc*. 2018; 49(5):S311. Poster presentation at the American College of Sport Medicine Annual Meeting; 2018 May 29-June 2; Minneapolis, MN.
- 7. Margolis MA, Gilkey MB, Calo WA, Alton Dailey S, Brewer NT. Exposure to HPV-related stories and parents' intention to vaccinate. *Ann Behav Med.* 2018; 52(1):S685. Poster presentation at the 39th Annual

- Meeting & Scientific Sessions of the Society of Behavioral Medicine; 2018 April 11-14; New Orleans, LA.
- 8. Cates JR, Trogdon J, Calo WA, Crandell J, Diehl SJ, Stockton L, Coyne-Beasley T. Implementation of practice-based intervention and changes in providers' behaviors related to HPV vaccination: Results from a multiple baseline random selection study. *Implement Sci.* 2018; 13(Suppl 4):S13. Oral presentation at the 10th Annual Conference on the Science of Dissemination & Implementation; 2017 December 4-6; Arlington, VA.
- 9. Cates JR, Calo WA, Trogdon J, Diehl SJ, Stockton LL, Gurbani A, Coyne-Beasley T. Application of the Consolidated Framework for Implementation Research (CFIR) to Identify Factors that May Influence Implementation of a Practice-Based Communication Intervention to Normalize HPV Vaccination among Preteens. *J Adolesc Health*. 2018; 62(2):S86-87. Poster presentation at the Annual Meeting of the Society for Adolescent Health and Medicine. 2018 March 14-17; Seattle, WA.
- 10. <u>Calo WA</u>, Gilkey MB, Moss J, Leeman J, Brewer NT. Improving provider self-efficacy and behavior related to HPV vaccination: can webinar-delivered quality improvement work? *Ann Behav Med.* 2016; 50:S222. Oral presentation at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine; 2016 March 30-April 2; Washington, DC.
- 11. Gilkey MB, Calo WA, Brewer NT. Counseling parents who refuse or delay HPV vaccine: Differences in behavior, concerns, and communication preferences. *Ann Behav Med.* 2016; 50:S222. Oral presentation at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine. 2016 March 30-April 2; Washington, DC.
- 12. Shah PD, **Calo WA**, Gilkey MB, Marciniak MW, Brewer NT. Opinions of pharmacist-provided HPV vaccination: National studies of primary care physicians and parents. *Ann Behav Med.* 2016; 50:S236. Poster presentation at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine. 2016 March 30-April 2; Washington, D.C.
- 13. Cole AM, Tu S-P, Fernandez ME, **Calo WA**. Opportunities for Improving Colorectal Cancer Screening in Community Health Centers Impact of Electronic Health Record Systems: A Cross-Sectional Survey. *J Gen Intern Med*. 2014; 29:S159. Poster presentation at the 37th Annual Meeting of the Society of General Medicine; 2014 April 23-26; San Diego, CA.
- 14. Popham K, Calo WA+, Carpentier MY+, Chen NE+, Kamrudin SA+, Le Y-CL+, Skala KA+, Thornton+ LR, Mullen PD [+ equal contribution]. A framework and sequential approach for optimal use of reporting guidelines in preventive medicine and public health. *Ann Behav Med.* 2012; 43:S101. Poster presentation at the 33rd Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine; 2012 Apr 11-14; New Orleans, LA.
- 15. Romero-Marrero C, Ortiz AP, Nogueras G, Calo WA, Hernandez E, Figueroa N, Torres EA, Suarez E. Incidence and mortality trends of liver cancer among Puerto Ricans, US Hispanics and non-Hispanic US populations. *Am J Gastroenterol*. 2007; 102(2): S235. Poster presentation at the 72nd Annual Scientific Meeting of the American College of Gastroenterology; 2007 Oct 12-17; Philadelphia, PA.

# **CONFERENCE ABSTRACTS** (Underline indicates that Dr. Calo was the presenter)

- 1. Calo WA, Brewer NT. Misinformation and other elements in HPV vaccine tweets: An experimental comparison. Accepted for oral presentation at the 41st Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine; 2020 April 1-4; San Francisco, CA. [Canceled due to COVID-19]
- 2. <u>Calo WA</u>, Shah PD, Gilkey MB, Vanderpool R, Barden S, Doucette W, Brewer NT. Implementing pharmacy-located HPV vaccination: Findings from pilot projects in five U.S. states. Poster presentation

- at the 12th Annual Conference on the Science of Dissemination and Implementation; 2019 Dec 4-6; Arlington, VA.
- 3. Schmitz K, Beidas R, Barg R, Calo W. Strength after breast cancer: An evidence-based rehabilitative exercise program for breast cancer survivors. Oral presentation at the 12th Annual Conference on the Science of Dissemination and Implementation; 2019 Dec 4-6; Arlington, VA.
- 4. Hivner E, Hoke A, Calo WA, Lamichhane N, Kraschnewski JL. A School-based Educational Approach to Decrease Parental Vaccine Hesitancy: The Healthy, Immunized Communities Study. Oral presentation at the American Public Health Association's 2019 Annual Meeting; 2019 Nov 2-6; Philadelphia, PA.
- 5. Hoke A, Hivner E, Calo WA, Lamichhane N, Kraschnewski JL. "We're medical translators..." A school nurse's role in vaccine communication. Oral presentation at the American School Health Association Annual Conference; 2019 Oct 2-4; Cincinnati, OH.
- 6. Calo WA, Shah PD, Gilkey MB, Vanderpool R, Barden S, Doucette W, Brewer NT. Implementing pharmacy-located HPV vaccination: Findings from pilot projects in five U.S. states. Poster presentation at the 5th Biennial Society for Implementation Research Conference; 2019 Sept 12-14; Seattle, WA.
- 7. García S, Rivera M, Méndez P, **Calo WA**, Tortolero-Luna G, DaLuz I, Umpierre S, Ortiz AP. Impact of Hurricanes Irma and María on stressors, oncology care and outcomes of gynecologic cancer patients receiving services in Puerto Rico. Poster presentation at the Caribbean Strong: Building Resilience with Equity; 2019 Feb 27-Mar 1; San Juan, PR.
- 8. <u>Calo WA</u>, Schmitz KH. Disseminating Strength after Breast Cancer (SABC): A rehabilitative exercise program for breast cancer survivors. Poster presentation at the 11th Annual Conference on the Science of Dissemination and Implementation; 2018 Dec 3-5; Washington, D.C.
- 9. <u>Calo WA</u>, Foo W, Bluethmann SM, Mama SK, Winkels R, Wiskemann J, Segel J, Lengerich EJ, Schmitz KH. Colorectal cancer screening practices among cancer survivors in Pennsylvania, 2017. Poster presentation at the 42nd Annual Conference of the American Society of Preventive Oncology; 2018 March 10-12; New York, NY.
- 10. Gilkey MB, Calo WA, Brewer NT. Optimizing AFIX for HPV Vaccination Quality Improvement. Poster presentation at the 47th National Immunization Conference; 2016 September 13-15; Atlanta, GA.
- 11. Trogdon J, Shafer P, Shah PD, **Calo WA.** Do state laws granting pharmacists authority to vaccinate increase HPV vaccination rates among adolescents? Oral presentation at the 6th Biennial Conference of the American Society of Health Economists; 2016 June 12-15; Philadelphia, PA. [Poster presentation at the AcademyHealth Annual Research Meeting; 2016 June 26-28; Boston, MA]
- 12. Correa-Fernández V, Diaz-Toro EC, Reitzel LR, Guo L, Chen M, Li Y, Calo WA, Shih YT, Wetter DW. Concurrent Treatment for Smoking Cessation and At-Risk Drinking. Oral presentation at the Society for Research on Nicotine & Tobacco Annual Meeting; 2016 March 2-5; Chicago, IL.
- 13. <u>Calo WA</u>, Gilkey MB, Moss J, Leeman J, Brewer NT. Using webinar technology to increase the efficiency of a nationally implemented approach to immunization quality improvement. Oral presentation at the 8th Annual Conference on the Science of Dissemination and Implementation in Health; 2015 December 14-15; Bethesda, MD.
- 14. Gilkey MB, Calo WA, Moss JL, Brewer NT. What leads parents to say yes, no or maybe to human papillomavirus vaccination? The role of provider recommendation quality. Oral presentation at the 37th Annual Meeting of the Society for Medical Decision Making; 2015 October 18-21; St. Louis, MO.

- 15. <u>Calo WA</u>, Gilkey MB, Moss J, Shah P, Brewer NT. Parents' attitudes about school entry requirements for HPV vaccination: A national survey. Poster presentation at the UNC Lineberger Annual Scientific Retreat; 2015 September 1; Chapel Hill, NC.
- 16. Correa-Fernández V, Diaz-Toro EC, Reitzel LR, Guo L, Chen M, Li Y, **Calo WA**, Mazas CA, Mejia LM, Shih YT, Wetter DW. Treatment for At-Risk Drinking and Smoking in a Puerto Rican Sample: A Randomized Clinical Trial. Poster presentation at the MD Anderson Cancer Center 3rd Annual Postdoctoral Science Symposium; 2013 August 4; Houston, TX.
- 17. <u>Calo WA</u>, Fernandez ME, Rivera M, Diaz E, Correa-Fernandez V, Pattatucci A, Wetter DW. Assessing awareness and use of evidence-based programs for cancer control in Puerto Rico. Poster presentation at the Innovations in Cancer Prevention and Research Conference; 2012 October 23-26; Austin, TX.
- 18. Colon-Lopez V, Fernández ME, Velez C, Fernández-Espada N, **Calo WA**, Diaz-Toro EC, Pattatucci A. Is Discussing Sex a Barrier for Parental-Daughter Communications about Human Papillomavirus and the HPV Vaccine in Puerto Rico? Poster presentation at the 28<sup>th</sup> International Papillomavirus Conference; 2012 Nov 30-Dec 6; San Juan, PR.
- 19. Suárez E, <u>Calo WA</u>, Soto-Salgado M, Ortiz AP. Age-standardized incidence rates of oral cavity and pharyngeal cancer by anatomical site in Puerto Rico and among Hispanics, non-Hispanic Whites, and non-Hispanic Blacks. Poster presentation at the 4th European Head and Neck Oncology Meeting; 2010 March 3-6; Athens, Greece.
- 20. Ortiz AP, Calo W, Hernández E, Suarez E. Breast cancer among Puerto Ricans, Hispanics, and non-Hispanic Whites. Poster presentation at the 5th Hispanic Congress of Health Professions; 2007 December 6-7; San Juan, PR.
- 21. Suárez E, Hernández E, Calo W, Ortiz AP. Incidence and mortality trends of oral cavity and pharyngeal cancers in Puerto Rico and among U.S. Hispanics and non-Hispanic Whites. Poster presentation at the 5th Hispanic Congress of Health Professions; 2007 December 6-7; San Juan, PR.
- 22. <u>Calo WA</u>, Ortiz AP, Hernández E, Suarez E. Differences in lung cancer incidence and mortality rates among Puerto Ricans, Hispanics, and non-Hispanic Whites, 1992-2002. Poster presentation at the 5th Hispanic Congress of Health Professions; 2007 December 6-7; San Juan, PR.
- 23. <u>Calo WA</u>, Wetter DW, Ortiz AP, Correa V, Mazas CA, Mejia L, Santos-Ortiz MC, Cases A, Diaz E. A review of tobacco control policy in Puerto Rico. Poster presentation at the 135th American Public Health Association Annual Meeting; 2007 November 3-7; Washington, DC.
- 24. Ortiz AP, Calo W, Suárez CA, Suárez E, Iribarren I, Sanz-Casado E. Basic characteristics of cancer-related research in Puerto Rico: An approach to local and international journals. Oral presentation at the 11th International Conference of the International Society for Scientometrics and Informetrics (ISSI); 2007 June 25-27; Madrid, Spain.
- 25. Mazas CA, Ortiz AP, Correa V, Mejia L, Calo WA, Díaz E, Wetter DW. Promoting the Puerto Rico Quitline through a tobacco cancer prevention community-based outreach program. Oral presentation at the American Cancer Society's Bridging the Health Care Divide: Research and Programs to Eliminate Cancer Disparities; 2007 April 18-20; New Orleans, LA.
- 26. Quintana R, Calo WA, Catoni IE, Valle Y, Alvarez JJ, Colón WM, et al. Clinical conditions associated with environmental exposures: An epidemiologic study in two communities in Juana Diaz, Puerto Rico. Oral presentation at the 134th American Public Health Association Annual Meeting; 2006 November 4-8; Boston, MA.

**INVITED TALKS** (All presented by Dr. Calo)

- 1. "HPV vaccination is cancer prevention." 16th Annual Reducing Cancer in Our Community: A Public Forum. Penn State Cancer Institute; 2020 March 14; Hershey, PA. [Event canceled due to COVID-19]
- 2. "HPV vaccine communication and (*mis*)information." Penn State College of Medicine, Department of Public Health Sciences; 2019 October 22; Hershey, PA.
- 3. "Community Spotlight: REACH in Lebanon." Better Together Lebanon County Annual Summit. 2019 October 8; Lebanon, PA. [Presented with Betsy Aumiller]
- 4. "*REACH*ing towards healthier communities: Why cultural diversity matter." Plenary session speaker at the Wellspan Philhaven's Cultural Diversity Conference, 2019 August 7; Lebanon, PA.
- 5. "Effect of social media misinformation on HPV vaccination behaviors." Penn State Cancer Institute Annual Retreat. 2019 August 6; Hershey, PA.
- 6. Career Round Table held by the NIDDK/NIH STEP-UP Undergraduate Summer Research Program, 2019 July 29; Bethesda, MD.
- 7. "How community health workers can reinvent cancer care delivery in Central Pennsylvania." Penn State Cancer Institute, Hispanic/Latino Community Leaders Meeting, 2019 June 26; Hershey, PA.
- 8. "Reducing disparities related to nutrition, physical activity, and community-clinical linkages among Hispanics in rural Pennsylvania." Pennsylvania 2nd Statewide Latino Health Summit, 2019 April 17-18; York, PA.
- 9. "Penn State REACH: A Community-driven Project to Reduce Health Disparities among Hispanics in Central Pennsylvania." Pennsylvania Cancer Control Conference, 2019 April 10-11; Harrisburg, PA.
- 10. "Having the right conversation with parents about HPV vaccine." Penn State Cancer Institute, Interdisciplinary Conference Series, 2018 December 18; Hershey, PA.
- 11. "System-level opportunities for improving the delivery of HPV vaccine." The Pennsylvania State University, Center for Health Care and Policy Research, Health Services Research Colloquium, 2018 November 12; University Park, PA.
- 12. "Cancer prevention through HPV vaccination: Progress and research opportunities in the US and PR." NIGMS-RISE Program Seminar Series, Ponce Health Sciences University, 2018 Sept 19; Ponce, PR.
- 13. Main speaker at the induction ceremony of the Graduate Student Association in Biomedical Sciences, Ponce Health Sciences University, 2018 Sept 19; Ponce, PR.
- 14. "The impact of social injustice and minority health disparities." Penn State College of Medicine, Office of Diversity and Inclusion Seminar Series, 2018 February 2; Hershey, PA.
- 15. "Telling Stories, Preventing Cancer: Measuring the Impact of Cancer Survivor Narratives and Social Media on HPV Vaccination." Penn State College of Medicine, Department of Public Health Sciences, Division of Health Services & Behavioral Research; 2017 November 21; Hershey, PA.
- 16. "HPV Vaccination: A Missed Opportunity to Prevent Cancer." Penn State College of Medicine, Department of Public Health Sciences; 2017 June 29; Hershey, PA.
- 17. "Implementing policy and systems approaches to increase HPV vaccination." Virginia Commonwealth University, School of Medicine, Department of Health Behavior and Policy; 2017 March 16; Richmond, VA.
- 18. "Improving HPV vaccine delivery systems through policy and organizational approaches." Penn State College of Medicine, Department of Public Health Sciences; 2016 November 16; Hershey, PA.

- 19. "Addressing low HPV vaccination rates in the United States: Improving healthcare systems that reach diverse populations." University of South Carolina, Arnold School of Public Health, Department of Health Services Policy and Management; 2016 October 10; Columbia, SC.
- 20. "Adolescent vaccination: Improving healthcare systems that reach diverse populations." University of North Carolina, School of Medicine, Department of Social Medicine; 2016 February 11; Chapel Hill, NC.
- 21. "Promoting adolescent vaccination through policy, systems, and technology-based interventions." University of North Carolina, Eshelman School of Pharmacy, Division of Pharmaceutical Outcomes and Policy; 2016 January 4; Chapel Hill, NC.
- 22. "Cultural strategies of agenda denial employed by the tobacco industry in Puerto Rico." Closing plenary session speaker at the 10th Puerto Rican Tobacco Control Summit; 2012 March 9; Dorado, PR.

# **GRANTS**

#### ACTIVE

Permanent Change of Station and Variation in Cancer Prevention and Care in the Military Health System (PI: Segel)

Funder: U.S. Department of Defense, Defense Health Program

Role: Co-I (10%)

Total direct costs: \$499,623 (2 years; contract negotiation with funding agency is underway)

Impact of hurricane-related stressors and responses on oncology care and health outcomes of women with gynecologic cancers from Puerto Rico and US Virgin Islands (PI: Ortiz)

Funder: NCI 1R21CA239457-01

Role: Co-I (5%)

Total direct costs: \$312,000 – Sub award to Calo \$16,934 (9/18/2018 – 8/31/2020)

Better Together: Enhancing Hispanic Health in Rural Pennsylvania through Healthy Lifestyle Strategies (PI:

Kraschnewski)

Funder: CDC 1NU58DP006587-01-00

Role: Co-I (25%)

Total direct costs: \$3,126,021 (9/30/2018 – 9/29/2023)

A randomized study to determine the efficacy of a multi-tiered community- and school-based approach to enhance school-aged children's recommended vaccinations (PI: Kraschnewski)

Funder: Merck Investigator Studies Program #57345

Role: Co-I (5%; 10/1/2018 – 4/30/2020)

Total direct costs: \$236,918 (2/1/2018 – 4/30/2020)

Establishing the feasibility of developing a Hispanic patient recruitment program for cancer therapeutic trials in the Penn State Cancer Institute (PI: Calo)

Funder: Penn State College of Medicine, Junior Faculty Development Program 2019/20

Role: PI (In kind)

Total direct costs: \$5,000 (7/1/2019 - 6/30/2020)

#### **COMPLETED**

Telling Stories, Preventing Cancer: Measuring the Impact of Cancer Survivor Narratives on HPV Vaccination (PI: Calo)

Funder: American Cancer Society Institutional Research Grant #124171-IRG-13-043-01

Role: PI (In kind)

Total direct costs: \$30,000 (12/15/2017 – 12/31/2018)

#### SUBMITTED & UNDER REVIEW

HPV ECHO: Increasing the adoption of evidence-based communication strategies for HPV vaccination in rural primary care practices (PI: Calo)

Funding announcement: NCI Modular R01 PAR-18-869

Role: PI (25%)

Total direct costs: \$1,322,408 (5 years)

Addressing diseases of despair through better integration of clinical practice and social service systems (PI:

Calo)

Funding announcement: Penn State CTSI Bridges to Translation 6

Role: PI (5%)

Total direct costs: \$50,000 (1 year)

Nurse AMIE: Addressing Metastatic Individuals Everyday in rural Pennsylvania and West Virginia (PI:

Schmitz)

Funding announcement: NCI R01 RFA-CA-19-064

Role: Co-I (10%)

Total direct costs: \$2,701,072 (5 years)

# **TEACHING**

#### **COURSES**

PHS 571 Health Services Organization and Delivery, Penn State College of Medicine (Graduate course required for the MPH program)

• Spring 2019 (20 students) – Ratings: Quality of the course 5.93/7.0; Quality of instructor 6.13/7.0

PHS 576 Integrative Seminar in Public Health Policy, Penn State College of Medicine (Graduate course required for the DrPH program)

• Spring 2020 (4 students)

PHS 534 Public Health Law Research and Practice, Penn State College of Medicine (New graduate course developed by Dr. Calo for public health and law students)

• TBD 2021

#### **GUEST LECTURES** (All presented by Dr. Calo)

- "Interventions for Refining Medical Education Systems: How to communicate with families about HPV vaccination." PHS 574 Methods in Clinical Research and Public Health Interventions, taught by Shirley Bluethmann & Yendelela Cuffee, Penn State College of Medicine; 2019 February 3; Hershey, PA.
- "Why is HPV vaccination so low in the United States?" Penn State College of Medicine's Global Health Exchange Program, taught by Kristin Sznajder; 2019 July 17; Hershey, PA. (Presented with Katherine Spanos)
- "Health is more than healthcare." SHS 711 Science of Health Systems, taught by Jed Gonzalo, Penn State College of Medicine; 2019 January 24; Hershey, PA. (Presented with Jennifer Moss)
- "HPV vaccination: Why it is important and how to improve vaccination rates." PHS 506 Public Health Behavioral Intervention Strategies II, taught by Jonathan Foulds, Penn State College of Medicine; 2018 January 24 & 2019 January 23; Hershey, PA.
- "Relationships among variables." HBEH 750 Applied Research Methods, taught by Noel Brewer, University of North Carolina Gillings School of Global Public Health; 2016 August 30; Chapel Hill, NC.

- "Improving HPV vaccination coverage through policy, systems, and technology." INTD 8996 Advanced Topics in Cancer: Introduction to Cancer Prevention and Control, taught by Ana P. Ortiz, University of Puerto Rico School of Public Health; 2016 January 15; San Juan, PR.
- "Survey design." HBEH 750 Applied Research Methods, taught by Noel Brewer, University of North Carolina Gillings School of Global Public Health; 2015 September 10; Chapel Hill, NC.
- "Effect of neighborhood-level factors on cancer screening across Harris County and City of Houston communities." HLT 4309 Health Disparities, taught by Chakema Carmack, University of Houston School of Education; 2013 November 26; Houston, TX.
- "Dissemination and implementation science: Opportunities for cancer prevention and control." CLRS 5014 Social, Behavior and Economic Aspects of Clinical Research, The University of Texas School of Medicine; 2012 March 14; Houston, TX.
- "Public health law as a tool for cancer prevention and control." EPID 6529 Epidemiology of Chronic Disease, taught by Ana P. Ortiz, University of Puerto Rico School of Public Health; 2009 April 29; San Juan, PR.

# **MENTORING & ADVISING**

Academic Advisor

N/A

MPH Applied Practice Experience Preceptor

N/A

MPH Capstone Project Supervisor

N/A

DrPH Dissertation Committee Member

Diah Evasari Husnulkhotimah (October 2018 – May 2020)

Medical Student Research (MSR) Preceptor

Zhexi Lu (June – August 2019)

Ashley Wong (January – May 2020)

Other mentoring activities

External Dissertation Reviewer for Yolanda Serra Martinez, doctoral candidate at the University of Lleida, Catalonia, Spain. Title (English version): Developing a health promotion intervention to increase colorectal cancer screening in Puerto Rico: A study using Intervention Mapping. April 2018.

# **INSTITUTIONAL SERVICE**

#### THE PENNSYLVANIA STATE UNIVERSITY

Proposal Reviewer, Equal Opportunity Planning Committee (EOPC) academic year 2020-2021 (2/2020)

Community-Engaged Research Committee, Penn State Clinical and Translational Science Institute (9/2019 – present)

Grant Reviewer, Social Science Research Institute (SSRI) in response to Twitter Level 2 RFA (1/2019)

Penn State President's Commission on Racial/Ethnic Diversity, appointed by Penn State President Eric J. Baron (10/2018 – present)

### PENN STATE COLLEGE OF MEDICINE / PENN STATE CANCER INSTITUTE

Research Subject Advocate, Clinical Research Center Advisory Committee (12/2019 – present)

Impact Collaborative, Penn State Project ECHO (12/2019 – present)

Grant Reviewer, Office of Research Development in response to the Department of Family & Community Medicine Development Grant (multiple RFAs: 7/2019 & 1/2020)

Advisory Council, Penn State PRO Wellness (2/2019 – present)

Hispanic/Latino Cancer Advisory Board, Penn State Cancer Institute (9/2018 – present)

Chair, breakfast networking session "Engaging in Health Disparities and Catchment Area Research." Penn State Cancer Institute's Annual Retreat (7/2018)

#### DEPARTMENT OF PUBLIC HEALTH SCIENCES

DrPH Admissions Committee (9/2019 – present)

Peer Reviewer for graduate course PHS 576, invited by the Peer Review Task Force (3/2019)

# SCIENTIFIC REVIEW ACTIVITIES

#### JOURNAL ARTICLE REVIEWER

American Journal of Public Health (2016, 2020)

BMC Public Health (2018)

Cancer Epidemiology, Biomarkers & Prevention (2018)

Cancer Prevention Research (2019)

Expert Review of Vaccines (2019)

Health Education (2018)

Health Services Research (2016)

Human Vaccines & Immunotherapeutics (2015, 2016)

International Journal of Cancer (2017)

International Journal of Public Health (2013)

JAMA Pediatrics (2017)

Journal of Clinical and Translational Science (2020)

Journal of Family Medicine and Disease Prevention (2016)

Journal of Health Care for the Poor and Underserved (2012, 2014, 2015, 2016, 2017)

Journal of Immigrant and Minority Health (2014)

*Journal of Primary Prevention* (2012)

North Carolina Medical Journal (2019)

Pan American Public Health Journal (2007)

Pediatrics (2018, 2019)

*PlosOne* (2017)

Preventing Chronic Disease (2011, 2012, 2016)

Preventive Medicine (2018)

Preventive Medicine Reports (2017, 2018, 2019)

Translational Behavioral Medicine (2017, 2018, 2019)

Vaccine (2018, 2019, 2020)

#### CONFERENCE ABSTRACT REVIEWER

38th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine (2017)

140th Annual Meeting of the American Public Health Association (2012)

# PROFESSIONAL & COMMUNITY SERVICE

#### **COMMUNITY SERVICE**

Community Advisory Board, Harrisburg Area YMCA Healthy Initiatives (6/2019 – present)

Research Advisory Committee, United Way of Pennsylvania's ALICE (12/2018 – 6/2019)

Pennsylvania Cancer Control Coalition, HPV Workgroup (9/2018 – present)

#### PROFESSIONAL MEMBERSHIPS & SERVICE

AcademyHealth (2017 – present)

Society of Behavioral Medicine (2016 – present)

- Guest member, Ethics Working Group (8/2018 3/2019)
- Co-chair, Paper Session 39: Cancer, Stress & Mental Health. 40th Annual Meeting of the Society of Behavioral Medicine; 2019 March 6-9; Washington, DC.

#### **PRIOR SERVICE**

Community Grants Selection Committee, *Latinos Contra El Cancer* Community Networks Program Center, The University of Texas School of Public Health (9/2013)

Reviewer, Postdoctoral Travel Award, Office of Postdoctoral Affairs, The University of Texas Health Science Center at Houston (12/2011)

Puerto Rico Cancer Control Coalition (8/2008 – 8/2010)

Puerto Rico Smoke-free Coalition (1/2006 – 8/2010)

Academic Senate member, University of Puerto Rico Medical Sciences Campus (8/2004 – 7/2005)

Academic Affairs Committee, University of Puerto Rico Medical Sciences Campus (8/2004 – 7/2005)

# MEDIA COVERAGE

Radio interview with Café con Leche program. WLCH FM 91.3 Radio Centro, 2019 June 12.

Penn State College of Medicine Partners with Communities to Help Latinos Live Healthier Lives. La Voz Latina Central, 2019 April 15. <a href="https://bit.ly/2F6viAz">https://bit.ly/2F6viAz</a>

Parents Feel Better About HPV Shots For Preteens If They Can Opt Out. NPR, 2016 Aug 19. <a href="http://n.pr/2bHMmQC">http://n.pr/2bHMmQC</a>

Parents Want 'Opt-Out' Option for HPV Vaccine, Study Finds. ABC News, 2016 Aug 19. <a href="http://abcn.ws/2b7XGAE">http://abcn.ws/2b7XGAE</a>

Majority of parents support HPV vaccination requirements for school, but with opt-outs. Science Daily, 2016 Aug 19. <a href="http://bit.ly/2l0HJ5Q">http://bit.ly/2l0HJ5Q</a>

Parents May Say 'Yes' to HPV Vax if They Can Also Say 'No.' MedPage Today, 2016 Aug 19. <a href="http://bit.ly/21HJ6VY">http://bit.ly/21HJ6VY</a>

Most parents support school-entry HPV vaccination requirements if opt-outs exist. HemOnc Today, 2016 Aug 19. <a href="http://bit.ly/2lCoUJr">http://bit.ly/2lCoUJr</a>

Many parents support HPV vaccine school-entry requirements with opt-out provisions. News Medical, 2016 Aug 19. <a href="http://bit.ly/2186cbV">http://bit.ly/2186cbV</a>

Majority of parents support HPV vaccination requirements for school, but with opt-outs. American Association for the Advancement of Science's EurekAlert! 2016 Aug 19. <a href="http://bit.ly/2lcsLMi">http://bit.ly/2lcsLMi</a>

# PROFESSIONAL DEVELOPMENT

"Junior Faculty Development Program, 2018/19," organized by the Office of Faculty and Professional Development, Penn State College of Medicine. 9/14/2018 – 5/31/2019; Hershey, PA

"Expanding the Tool Box: Introduction to the Multiphase Optimization Strategy (MOST) for Building More Effective, Efficient, Economical, and Scalable Interventions," taught by Linda M. Collins, Director of The Methodology Center, Penn State University. 2017 November 10; Hershey, PA.

# PROFESSIONAL LICENSURE

Commonwealth of Puerto Rico, Licensed Attorney #18,554 (9/2011 – present)

# **SKILLS & COMPETENCIES**

#### LANGUAGE

Spanish: Proficient (native language)

**English: Proficient** 

#### SOFTWARE PROGRAMMING

STATA: Proficient (preferred quantitative data analysis software)

Qualtrics: Proficient (preferred survey design and data collection software)

MPlus: Intermediate (preferred latent variable modeling software) Atlas.ti: Intermediate (preferred qualitative data analysis software) RefWorks: Proficient (preferred bibliography management software)

LexisNexis: Proficient (preferred legal research software)

### Updated on March 27, 2020