

Arlene Calvo
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Languages: English/Spanish-fully bilingual. Conversational Portuguese/Italian.

EDUCATION

Doctor in Philosophy (Ph.D.), Public Health, Department of Community and Family Health,
Concentration in Health Education
University of South Florida, Tampa
End of coursework-April 2001.

Dissertation: Social Construction of Cervical Cancer Screening among Women in Panama City,
Panama.
August 2005

Master in Public Health (MPH), Department of Community and Family Health,
Concentration in Health Education
University of South Florida, Tampa
Special Project: Evaluation of American Cancer Society Program Delivery in Florida.
May 1998

Bachelors in Arts (BA), Interdisciplinary Natural Sciences
Concentration in Chemistry
Minor in Spanish
University of South Florida, Tampa
May 1994

CERTIFICATIONS

Certified Health Education Specialist (CHES #6491) 1998. Under the National Commission for Health Education Credentialing, Inc.

PROFESSIONAL EXPERIENCE

Associate Professor, College of Public Health, University of South Florida

February 2019-Present

Coordinate activities of the Panama Program at the City of Knowledge, including academic and research endeavors since 2004. Website:

<https://health.usf.edu/publichealth/cophinternational/coph-panama-program>.

Conduct research projects in Panama and the Region, teach graduate level courses, train local professionals in research topics, participate in local advisory boards and committees, advise students for Public Health Practice Program and Public Health Generalist Certificate, provide curriculum content for study abroad groups from USF and other universities (general public health, women's health issues, nutrition), proctor students participating in international field experiences, assist in building collaborative relationships among institutions and colleagues. Current work includes Covid-19 pandemic experiences, vaccine hesitancy, women's health issues, migration and public health, cancer, among other salient public health topics.

Initiated the Salud Latina USF initiative in January 2021. Website:

<https://health.usf.edu/publichealth/salud-latina/overview>

Research Assistant Professor, College of Public Health, University of South Florida

August 2004-2019

Department of Community and Family Health, *University of South Florida*, City of Knowledge, Panama. Conduct academic and research activities in global health from the USF Health Panama Office in Panama and internationally. Adjunct faculty, Department of Global Health.

Adjunct Faculty, University of Southern California, Keck School of Medicine, Los Angeles, California.

June 2014-Present.

Participate in development of summer curriculum for the Global Health Practicum in Public Health in Panama, and collaborate with USC faculty in research and publications.

Affiliate Researcher, Gorgas Memorial Institute (GMI) for Health Research, Panama.

December 2014-Present.

Participate in grantwriting, publications, study implementation, and other research and academic endeavors, including the INFLUMIKA project in affiliation with the CDC influenza section. Participate in the GMI bioethics committee (IRB).

Director, USF Health Panama Office

November 1, 2005-December 31, 2009

Serve as student Field Placement Supervisor and logistics support, collaborate on grantwriting and international research project activities. Assist on international research promotion of the university and teach selected short courses. Coordinate Global Health Department and College of Public Health along with additional USF Health activities in Panama.

Scientific Director

Health Research International Foundation. City of Knowledge, Clayton, Panama.

May 2003-Present

Develop, plan, implement, and evaluate clinical, translational and epidemiological research related to drug discovery aspects of chronic and infectious diseases. Grant writing, fund seeking and administration of research projects related to infectious and non-infectious diseases. Cancer control related research. Conduct administrative tasks accordingly, overseeing the entire infrastructure. Development of promotional campaign including materials that emphasize collaboration and partnership building with local and international academic institutions and private organizations such as with the pharmaceutical industry. Currently working on coordination of Rotavirus, Dengue, and Human papillomavirus projects.

Health, Water and Vaccine Consultant

UNICEF, Health Section, Regional Office for Latin America.

September 2010-2013.

Conduct analysis of regional programs for the Health Section at a Regional Level. Grantwriting of international health-related projects, collaborate with UNICEF in public health interventions, conduct evaluations of existing programs.

Director of International and Academic Affairs

Regional Health Training Center, Gorgas Memorial Institute, Panama

Sep. 2008- Sep. 2010

Supervise all major international academic activities of the Health Training Center for Central America and the Dominican Republic. Promote and develop international partnerships, grantwriting. Develop influenza on-site curriculum and interventions for all of Central America and the Dominican Republic in response to the United States request for Regional preparedness. Served as collaborating liaison for the Center and the United States Department of Health and Human Services

(USDHHS) and the Centers for Disease Control and Prevention Central America and Panama office (CDC-CAP).

Administrative and Technical Coordinator

Dec. 2002- June 2003

Institute for Advanced Scientific Research and Technology Services / Instituto de Investigaciones Científicas Avanzadas y Servicios de Alta Tecnología-INDICASAT

City of Knowledge, Panama City, Panama

Coordinate seamless development and function of the institute, including administrative duties such as budget, staff, inventory, and daily activities. Promote the institute at a national and international level. Facilitate the exchange of knowledge, equipment and researchers for high quality scientific research. Conduct research, grantwriting, fund seeking, and publishing.

Multicultural Health Education Consultant

1998-2003

Tampa, Florida

Projects:

Academic and community based research projects, *University of South Florida*, Tampa, Florida.

Translation and transcreation of training curriculum, *Lawton and Rhea Chiles Center for Healthy Mothers and Babies*, Tampa, Florida.

Development of health education materials, *Syndistar, Inc.*, New Orleans, Louisiana.

Health Product Development Specialist

2001-2002

Syndistar, Inc.: A Communications Company

Product Development

New Orleans, Louisiana

Responsibilities include managing, conducting and overseeing successful and relevant health material (e.g., media, print, electronic, etc.) research, development, marketing, and dissemination for English and Spanish speaking audiences. Topics include, but are not limited to: disease prevention, sexually transmitted infections, tobacco, substance abuse, fire prevention, and injury prevention. Conducting new public health and health education endeavors nationwide that are literacy, linguistically, and culturally relevant to the intended audience.

Education Research Coordinator

1999-2001

H. Lee Moffitt Cancer Center and Research Institute

Education Program, Cancer Control

Tampa, Florida

Responsibilities include application of research methodologies, outreach and education planning processes, various communication methods and community program planning for at-risk and medically underserved populations (e.g., migrant and seasonal Hispanic farmworkers; rural Caucasian and African-American communities, elderly populations, etc.) at local and international levels as well as supervisory and administrative activities. In addition, development of linguistically, culturally and literacy relevant cancer education interventions for specific audiences. Responsible for protocol/proposal development; literature synthesis; data collection; project management and data analysis. Participate in the recruitment and hiring processes of members of the research team as well as supervise, deliver tasks and responsibilities to them. Coordinate several projects and individuals simultaneously. Development of community partnerships and relationships with community agencies, including grassroots organizations at a national and international level. Grant writing and fund seeking activities for federal, state and private funding agencies. Budget management, staff coordination, and logistics for research projects. Overseeing all aspects of project

coordination. Conference curriculum and continuing education planning of national conferences (e.g., Cancer, Culture & Literacy; National cancer Institute's Cancer Patient Education Network). Advocacy of medically underserved and underserved multicultural and low literacy populations. Development of research protocols, research implementation, coordination, evaluation, analysis and translation of research findings. Publication of research outcomes in peer reviewed journals and presentations at national and international meetings.

Research Associate

1998-1999

H. Lee Moffitt Cancer Center and Research Institute

Education Program, Cancer Control

Tampa, Florida

Responsibilities included development, implementation, coordination, research, and evaluation of cancer and health education programs, such as, *¡Platiquemos Acerca de Su Salud!/Let's Talk About Your Health!*, grant writing, publishing in peer reviewed scientific journals. Coalition and partnership building through participatory processes and continuance for outreach into special and medically underserved populations, such as, migrant and seasonal farmworkers in South and East Hillsborough County, rural elderly, and teenagers.

Transcreation Consultant

1998-2000

Lawton and Rhea Chiles Center for Healthy Mothers and Babies

Tampa, Florida

Responsibilities include transcreation or Spanish translation and cultural adaptation of health education materials for children ages birth to five and their mothers, such as, *Florida's Child Health Diary* Statewide Social Marketing Campaign.

Graduate Assistant

1996-1998

College of Public Health, University of South Florida

Tampa, Florida

Responsibilities included assisting professor with research, classes and curriculum development, such as, Introduction to Social Marketing. Additional responsibilities involved assisting with writing for publication, protocol development. Content areas: breast and cervical cancer, rural health, HIV/AIDS.

Intern

Fall 1997

Tampa General Hospital, Wellness Center

Tampa, Florida

Responsibilities included development, implementation, coordination and evaluation of health education programs for patients and staff (e.g., smoking cessation, nutrition, physical activity, weight loss, etc.)

Evaluation Fellow

1997-1998

American Cancer Society

Local Tampa Bay Unit and Headquarters in Atlanta, Georgia

Conducted evaluation of all services and programs offered by the American Cancer Society in the State of Florida. Award received.

Clinical Coordinator

1990-1997

Plastic Surgery Center of Clearwater

Coordinated patient preparation for surgery and follow-up care. Also conducted administrative duties related to medical care of patients, this included surgery, medication, communication with local pharmacies and other vendors. Coordinated development, implementation and evaluation of plastic surgery seminars for potential patients. Office coordination of business activities.

ACADEMIC EXPERIENCE

- **Instructor**, Course: *Contemporary Health Science*. College of Public Health, University of South Florida, Fall 2000 (undergraduate level).
- **Instructor**, Course: *Contemporary Health Science*. College of Public Health, University of South Florida, Spring 2001 (undergraduate level).
- **Instructor**, Course: *Foundations of Health Education*. College of Public Health, University of South Florida, Fall 2001 (graduate level).
- **Assistant Professor**, College of Public Health, University of South Florida, Summer 2004-Present.
- **Director**, *Vaccinology in the Tropics Conference*. First and Second, International Conferences. Playa Bonita, Panama. June 2006, March 2012, January 2016.
- **Director and Instructor**, *Clinical Research Diplomado* annual course. University of South Florida. Conducted at Gorgas Memorial Institute Health Training Center, Panama. Fall 2010-Present.
- **Instructor and International Affairs Director**, *VIII International Pandemic Influenza Preparedness Course*. Regional Health Training Center, Gorgas Memorial Institute, Panama. November 2008. (Public health professionals, Regional Level, Central America).
- **Instructor and Academic Director**, *IX International Pandemic Influenza Preparedness Course*. Regional Health Training Center, Gorgas Memorial Institute, Panama. March 2009. (Public health professionals, Regional Level, Central America).
- **Instructor**. *Influenza A H1N1 Preparedness to Indigenous Community Leaders in Panama*. May 2009.
- **Academic Director**, *Leadership in a Disaster: Pandemic Influenza Preparedness Course*. Regional Health Training Center, Gorgas Memorial Institute, Panama. March 2009. (Public health professionals, Regional Level, Central America. Instructors from USF Leadership Center).
- **Academic Director**, *Social Marketing: Pandemic Influenza Preparedness Course*. Regional Health Training Center, Gorgas Memorial Institute, Panama. March 2009. (Public health professionals, Regional Level, Central America. Instructors from USF Florida Prevention Research Center).
- **Academic Director**, *IX International Pandemic Influenza Preparedness Course*. Regional Health Training Center, Gorgas Memorial Institute, Panama. March 2009. (Public health professionals, Regional Level, Central America).
- **Instructor and International Affairs Director**, *X International Pandemic Influenza Preparedness Course*. Regional Health Training Center, Gorgas Memorial Institute, Panama. March 2010. (Public health professionals, Regional Level, Central America).
- **Instructor**, *Good Clinical Practice (GCP) and Responsible Conduct of Research* training, initial training and regular/annual refreshers for clinical study staff, Health Research International, 2003-Present.
- **International Instructor**, Study Abroad Groups, College of Public Health, University of South Florida. Executive MPH, Community Nursing (undergraduate), COPH, Pediatrics Residents. Since 2004.
- **Principal Instructor**, *International Perspectives in Women's Health Issues*, Graduate course, Dept. of Community and Family Health, College of Public Health, University of South Florida. Summers since 2012-Present.

- **Instructor**, *International Perspectives in Women's Health Issues*, Graduate course, Dept. of Community and Family Health, College of Public Health, University of South Florida. Summer 2012-Present (ongoing annually, includes field experience in Panama).
- **Instructor**, *International Health Education*, Graduate course, Dept. of Community and Family Health, College of Public Health, University of South Florida, Spring 2014-Present (ongoing annually, includes field experience in Panama).

GRANTS AWARDED

- Meade, C.D. (PI) & **Calvo, A.** (Co-Investigator/Project Coordinator). *Cancer, Culture & Literacy, 2nd Conference: Future Directions for Health Education & Promotion in the New Millennium*. Conference Grant. Centers for Disease Control. (\$30,000). (no current support)
- Meade, C.D. (PI) & **Calvo, A.** (Co-Investigator/Project Coordinator). *Salud a Su Alcance*. Wishlist Grant. Avon's Breast Cancer Awareness Crusade, administered by NABCO. (\$ 289,000). (no current support)
- Meade, C.D. (PI) & **Calvo, A.** (Co-Investigator/Research Coordinator). *Project Toolbox*. State of Florida allocated funds (\$ 250,000). (no current support)
- Meade, C.D., McMillan, S.C., Baer, R. & **Calvo, A.** (Co-Investigator/Project Coordinator). *Cancer, Culture & Literacy Institute*. National Institutes of Health's National Cancer Institute, R-25 training grant (\$ 1,088,431). (no current support)
- Meade, C.D. (PI) & **Calvo, A.** (Co-Investigator/Project Coordinator). *Cancer, Culture & Literacy, 3rd Conference: Developing Relevant Communication Strategies to Decrease Health Disparities*. Conference Grant. Centers for Disease Control. (\$29,999). (no current support)
- Ruckdeschel, J. (PI), Meade, C.D. (Co-Leader), Figueroa-Valles, N. (Co-Leader), **Calvo, A.** (Collaborator) & Nazario, C. (Collaborator). *Exploratory grant on Partnership, Outreach and Research Development in Puerto Rico*. National Cancer Institute. (\$55, 223.25). (no current support)
- Giuliano, A. & **Calvo, A.** (Co-Investigator/Foreign Collaborator). A study to Determine Men and Women's Socio-cultural Factors Associated to Cervical Cancer and Human Papilloma Virus control in Panama. 15/August/2006-31/July/2010 (USD 122,329.00-Fogarty International Center, NIH).
- Sosa, N. (International Liaison/Health Promotion Coordination). Health Diplomacy Training: Support the Development of Health Workforce in Latin America and the Caribbean. Collaboration with Johns Hopkins University (JHU), the Pan American Health Organization (PAHO), University of South Florida (USF), the Centers for Disease Control and Prevention of Central America and Panama (CDC-CAP), and other regional partners, with support from the US Department of Health and Human Services Office of Global Health Affairs (DHHS/OGHA). 01/September/2009-31/August/2010 (USD 2.9 Million).
- **Calvo, A.** Community-Based Training Program in Basic Health Needs of Indigenous Populations in Panama Based on Participatory Processes. San Felix Community. Ngäbe-Buglé Population. 01/September/2008-31/August/2010 USDHHS Grant number: 6 IDSEP060003-02-03. (USD\$100,000 DHHS). Principal Investigator.
- Sosa, N, Pascale JM, Gonzalez R, **Calvo A.** Multi-center, longitudinal prospective cohort study to assess the impact of acute respiratory infections in the psychomotor and cognitive development of children up to 24 months old, including monitoring the mother during pregnancy and the effects of acute respiratory infections in the incidence of miscarriage, low weight at birth, or premature birth. Panama; El Salvador. Centers for Disease Control and Prevention. Project: ICGES 14-109. (USD\$2.5M). Active: August 2013-December 2018. Ongoing: Dissemination. Co-Investigator.
- **Calvo, A.** Basic Health Education and Promotion on Integral Health Concepts. Train-the-the-trainer project for the Ngäbe-Buglé Indigenous Population Community Outreach Workers. Funding through the National Secretariat of Science Technology and Education, Panama. May 2011-May2013. (USD\$349,000.00). Principal Investigator.

- **Calvo, A.** Needs Assessment of Nutrition Curriculum for Latin America. UNICEF-TACRO. (\$10,000.00). Principal Investigator. December 2012-March 2013.
- Baldwin, J., Martínez Tyson, D., **Calvo, A (Panama-PI)**, Izurrieta, R. (Ecuador), Hoare, I (Belize). The Syndemic Nature of HIV/AIDS Among Indigenous Populations in Latin America: Risk and Resilience. University of South Florida Internal Award. January 2015-Ongoing. (\$100,000.00USD).
- **Calvo, A.**, Britton, G., Merritt, R. & Bryant, C. Building research capacity on participatory processes research and health education to transform women's health issues. Science and Innovation Fund, United Kingdom. July 2015-March 2016. (\$124,000.00USD). Principal Investigator.
- **Calvo, A.** Analysis on prevention and control of Zika virus in pregnant women of Panama. World Health Organization. May 2017. (\$150,000.00 USD). Principal investigator.
- O'Ryan M & **Calvo A.** Comparative multicenter study of parent's acceptability and satisfaction after vaccination of their infants with combined hexavalent vaccine DTPa-IPV-Hep B-Hib versus the pentavalent vaccine DTP-HepB-Hib plus polio, in a study population in Chile. Metropolitan area of Santiago, Chile (\$342,000.00: Sanofi Pasteur). May 2018-November 2019. Co-Principal investigator.
- Rodriguez G, Sosa N, Pascale JM, **Calvo A.** Socio-Demographic, Clinical And Economic-Derived Characterization Of Dengue Diagnosed Cases, Registered In The Health Information System Of The Social Security System In Panama 2013 To April 2017. (\$60,000.00: Sanofi Pasteur). March 2018-November 2019. Co-investigator.
- **Calvo A.** Estimate of the population size of men who have sex with men (MSM), transgender women, and female commercial sex workers 18 years and older, characterization of this population, use of health services, condom use, discrimination and violence in the Republic of Panama for the year 2018 (PEMAR 2018). Coordinating agency: Jenkins-Lara Consulting. (\$450,000.00; World Forum Against HIV/AIDS). September 2018-March 2019. Dissemination: November 2019.
- Pascale JM, Avila ML, **Calvo A** & González R. Effectiveness of the tetravalent influenza vaccine against influenza and related pediatric populations as of 6 months to 5 years of age in Panama and Costa Rica. (\$450,000.00; Sanofi Pasteur). Co-investigator.
- **Calvo A.** Review of National Immunization Calendars of the Expanded Program of Immunization (EPI) in Countries of Latin America and the Caribbean. Preliminary Observations on Financial and Funding Mechanisms of the National Immunization Programs. (\$3,000.00; Florida International University). December 2018-September 2019. Principal investigator-Panama.
- **Calvo A.** Assessment of the National pertussis Immunization Program in Countries using Acellular Pertussis Vaccines (Pentavalent, Hexavalent vaccines): Mexico, Costa Rica, and Panama. (\$1,500.00; Florida International University). December 2018-September 2019. Principal investigator-Panama.
- **Calvo, A.** Internal USF award to study Vaccine hesitance and Myths and Misconceptions generated during the Covid-19 pandemic (\$24,000.00 ongoing).
- **Calvo, A.** Institute for Latin American and Caribbean Studies (ISLAC) at USF to study the mental health of health care professionals during the Covid-19 pandemic at the Santo Tomás Hospital in Panama (\$5,000.00 USD).
- **Calvo, A.** & Salud Latina team. Migration and public health conference, Dec. 2023-2024. Conference to be conducted at City of Knowledge in Panama. (\$ 10,000.00 USD).

CLINICAL AND POPULATION-BASED RESEARCH

- **PI: A. Calvo.** *A phase III, double-blind, randomized, controlled study to evaluate the safety and immunogenicity of GlaxoSmithKline Biologicals' HPV-16/18 VLP/AS04 vaccine administered intramuscularly according to a 0, 1, 6 month schedule in healthy female subjects aged 10 – 14 years (HPV-013).* Sub-investigator: E. Ortega, September 2004-September 2005. (USD \$100,000)

- P.I.: E. Ortega, MD. *A Multicenter, Randomized, Comparative Study To Evaluate The Efficacy And Safety Of Levofloxacin In The Treatment Of Children Who Have Recurrent And/OR Persistent Acute Otitis Media* (RWJ-25213-097) **Coordinator: A. Calvo**, June 2003-Present. (USD \$40,000)
- P.I.: E. Ortega, MD. *A multicenter, long-term, active surveillance study of musculoskeletal disorders that occur after initiating a course of Levofloxacin or non-fluoroquinolone therapy for acute infectious diseases in children who were enrolled in phase 3 clinical trials involving levofloxacin therapy.* **Coordinator: A. Calvo**, June 2003-Present. (USD \$40,000)
- P.I.: E. Ortega, MD. *A multicenter, randomized, open-label, comparative study to compare the efficacy and safety of levofloxacin and Standard of care therapy in the treatment of children with community-acquired pneumonia in the hospitalized or outpatient setting* (RWJ-25213-097). **Coordinator: A. Calvo**, June 2003-April, 2004. (USD \$ 40,000)
- PI, E. Ortega, MD. *A phase III, double-blind, randomized, placebo-controlled, multi-country and multi-center study to assess the efficacy, safety and immunogenicity of two doses of GSK Biologicals' oral live attenuated human rotavirus (HRV) vaccine in healthy infants* (444563/023; Rota-023). General Coordinator: A. Calvo, October 2003-Present. (USD \$ 1.4 Million)
- PI, E. Ortega, MD. *A phase III, double-blind, randomized, placebo-controlled, multi-country and multi-center study to assess the efficacy, immunogenicity and safety of two doses of GSK Biologicals' oral live attenuated human rotavirus (HRV) vaccine given concomitantly with routine EPI vaccinations including OPV in healthy infants* (444563/024; Rota-024). **Sub-investigator: A. Calvo**, December 2003-June 2005. (USD \$100,000)
- PI, E. Ortega, MD. *A phase II, partially-blind, randomized, controlled study of three doses of live attenuated tetravalent dengue vaccine (Formulation 17) administered on a schedule of 0,1,6-months, 0,1,12-months or 0,6,12-months, compared to a control of placebo-Havrix™-Havrix™ administered on a schedule of 0,1,12-months, to healthy adults without hemagglutination-inhibiting antibodies to dengue at screening* (DEN-004). **Sub-Investigator: A. Calvo**, October 2004-December, 2005. (USD \$16,000)
- PI, X. Saez Llorens, MD. *A phase III, double-blind, randomized, placebo-controlled, multi-country and multi-center study to assess the efficacy, immunogenicity and safety of two doses of GSK Biologicals' oral live attenuated human rotavirus (HRV) vaccine given concomitantly with routine EPI vaccinations including OPV in healthy infants* (444563/024; Rota-024). **General and Logistics Coordinator: A. Calvo**, October 2005-November 2006. (USD \$250,000)
- PI, X. Saez Llorens, MD. *Epidemiological Prospective Study of invasive disease surveillance caused by Streptococcus pneumoniae and community acquired pneumonia in a population of children 28 days to 35 months inclusive.* (106086/EPI-STREP). **General Coordinator: A. Calvo**, July 2006-December 2006. (USD \$800,000.00).
- PI, X. Saez Llorens, MD. *Confirmatory Otitis Media and Pneumonia Study (COMPAS): a phase III , double-blind, randomized, controlled, multicentre study to demonstrate the efficacy of GlaxoSmithKline (GSK) Biologicals' 10-valent pneumococcal conjugate vaccine (GSK1024850A) against Community Acquired Pneumonia (CAP) and Acute Otitis Media (AOM)* **General Coordinator: A. Calvo**, August 2007-December 2012. (USD \$3,400,000.00). 2013.
- PI, Nieto, J. *A Phase 3b, open-label, randomized, parallel-group, multi-center study to evaluate the Safety of Novartis MenACWY Conjugate Vaccine when administered with routine infant vaccinations to health infants.* **General Coordinator: A. Calvo** January 2010- December 2011. (USD \$75,000.00).
- PI, Nieto, J. *A Phase 2 study, observer blind, controlled, randomized, multi-center study to evaluated safety, tolerability, and immunogenicity of meningococcal vaccine in adolescents, Panama.* **General Coordinator: A. Calvo** December 2010-July 2011. Sponsor: Novartis Vaccines. (USD \$ 129,700).
- PI, Saez-Llorens, X. *A Phase 2 study, observer blind, controlled, randomized, multi-center study to evaluated safety, tolerability, and immunogenicity of meningococcal vaccine in adolescents,*

- Panama. **General Coordinator: A. Calvo.** December 2010-July 2011. Sponsor: Novartis Vaccines. (USD \$ 129,700).
- PI, Saez-Llorens, X. A Phase 2 extension study, observer blind, controlled, randomized, to evaluate the safety, tolerability, and immunogenicity of the third dose of one of the four different formulations of rMenB + MenACWY in adolescents that previously received the same meningococcal study vaccines. **General Coordinator: A. Calvo.** August 2011-April 2012. Sponsor: Novartis Vaccines. (USD \$117,354).
 - PI, Rodriguez-French, A. A multi-center study, phase III, randomized, controlled, observer blind, to evaluate the safety, immunogenicity, and consistency of three consecutive groups of a sub-unit trivalent vaccine against influenza with MF59C1 in 65 years of age and older subjects. **General Coordinator: A. Calvo.** December 2010-December 2011. Sponsor: Novartis Vaccines. (USD \$121,030).
 - PI, Sosa, N., Pascale JM, González R, **Calvo A.** Gorgas Memorial Institute for Health Studies. Sub-contract to University of South Florida. USF-PI: **Calvo, A.** *Multicentric longitudinal prospective cohort study, to evaluate the repercussion of acute respiratory infections on the psychomotor and cognitive development in children up to 24 months of age, including the follow-up of the mother during pregnancy and the effects of the acute respiratory infectious in the frequency of miscarriages, low birth weight, and/or premature births.* Grant Number: 1U01IP000791-01. Sponsor: Centers for Disease Control and Prevention (CDC) (USD \$2,5000,000.00).
 - **Calvo, A.,** Britton, G., Merritt, R., Bryant, C. Building Research Capacity on Participatory Processes Research and Health Education to Transform Women's Health Issues. UK Science and Innovation fund for Panama. July 6, 2015-March 31, 2016. Role: Principal Investigator. (\$127,000.00).
 - Rodriguez, G, Sosa N, **Calvo, A** & Pascale, JM. Secondary analysis of incidence of dengue fever in Panama. May 2017. Sponsor: Sanofi (\$100,000.00 USD). Co-Investigator.

PUBLICATIONS

- McCormack Brown, K. & **Calvo, A.** (1998). Where on the web: Information for school health professionals. *Florida School Health.* 9 (1), 8-16.
- Edlin, G., Golanty, E., & McCormack Brown, K.R. (1999). Health and Wellness, 6th edition, Jones and Bartlett Publishers, Boston, MA. (assisted researching and writing several chapters)
- **Calvo, A.** (1999) Health and Wellness-Instructor's Manual. [CD-ROM]. Jones & Bartlett: Boston, MA.
- **Calvo A.** (2001) Breast cancer in the U.S. and Germany: A Health Education Perspective. *International Electronic Journal of Health Education.*, 4, 19-22.
- Meade, C.D. & **Calvo, A.** (2001). Developing Community-Academic Partnerships to Enhance Breast Health among Rural and Hispanic Migrant and Seasonal Farmworker Women. *Oncology Nursing Forum*, 28(10), 1577-1584.
- **Calvo, A.** (2001) HIV & AIDS Today. *Health Education Associates*, found on-line at: www.healthedassociates.com
- **Calvo, A.** (2002). Health Psychology (book review). *American Journal of Health Behavior.* 26 (1), 76-77.
- **Calvo, A.** & McCormack Brown, K. R. (under development). An evaluation of the American Cancer Society, Florida Division's Patient Services and Programs.
- Meade, C.D., **Calvo, A.**, & Cuthbertson D. (2002) Impact of culturally, linguistically and literacy relevant videotaped cancer information among Hispanic migrant and seasonal Farmworkers. *Journal of Cancer Education*, 17 (1), 50-54.
- Meade C.D., **Calvo A.**, & Rivera, M. (2002). Screening and Community Outreach Programs for Priority Populations: Considerations for Oncology Managers. *Journal of Oncology Management.* September/October, 14-22.

- **Calvo, A.** (2003). Becoming Culturally Competent. Chapter found in Bryant et al., *Cultural Feast: Food in Society*. 2nd Edition. California.
- Meade, C., **Calvo, A.**, Rivera, M. & Baer, R. (2003) Focus Groups in the design of prostate cancer screening information for Hispanic farmworkers and African-American Men. *Oncology Nursing Forum*, 30 (6), 967-975.
- **Calvo, A.** & Meade, C. (manuscript under development). The day in the life of a lay outreach worker.
- **Calvo, A.** (manuscript under development). Rapid appraisal of cervical cancer and reproductive health among women in Panama: Conducting natural groups.
- **Calvo, A.**, McCormack Brown, K., Loseke, D., Coreil, J., Bryant, C. & McDermott, R. (2006). Social Construction of Cervical Cancer Screening among Women in Panama City, Panama. A dissertation study.
- Meade, C. M., Menard, J., Martinez, D. & **Calvo, A.** (2007). Impacting Health Disparities through Community Outreach: The CLEAN Look (Cancer, Culture, Education, Assessment, Networking). *Cancer Control Journal*, January 2007.
- Tregnaghi, M, Sáez-Llorens, X., López, P., Abate, H, Smith, E, Pósleman, A, **Calvo, A**, Wong, D, Cortes-Barbosa, C, Ceballos, A, Tregnaghi, M, Sierra, A, Márquez, V, Rodríguez, M, Troitiño, M, Rüttimann, R, Castrejón, M, Lepetic, A, Lommel, P, Hausdorff, W, Borys, D, Ruiz Guiñazú, J, Ortega-Barría, E, Yarzabal, J, Schuerman, L. *Efficacy of 10-Valent Pneumococcal Conjugate Vaccine against Pneumonia in Children* (Submitted for review New England Journal of Medicine, July 2011).
- Sáez-Llorens, X, Tregnaghi, M, López, P, Abate, H, Pósleman, A, Cortes-Barbosa, C, Carabajal, C, **Calvo, A**, Wong, D, Falaschi, A, Gómez, C, Caicedo, Y, Leandro, A, Avakian, J, Esquivel, R, Sierra, A, Castrejón, M, Lepetic, A, Oller, A, Fanic, A, Hausdorff, W, Borys, D, Guiñazú, J, Ortega-Barría, E, Yarzabal, J, Schuerman, L. *Design and Setting of a 10-Valent Pneumococcal Conjugate Vaccine Efficacy Trial* (Submitted for review New England Journal of Medicine, July 2011).
- **Calvo, A**, Brown, KM, McDermott, RJ, Bryant, C.A., Coreil, J., & Loseke, D. (2012). Social construction of cervical cancer screening among Panamanian women. *American Journal of Health Education*, 43(3), 153-163.
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ELECTRONIC PUBLICATIONS

- Meade, C.D., Rivera, M., & **Calvo, A.** (Producers) *Project Toolbox*. Four educational toolboxes, each containing videotape; flipchart; teaching guides; and patient brochures about early detection and screening information on the topics breast/cervical or prostate cancer. Intended audiences are Hispanic Migrant and Seasonal Farmworkers and African Americans (English/Spanish versions).
- **Calvo, A.** (Writer/co-producer). *Sexually Transmitted Diseases: Know the Facts*. Educational videotape targeting adolescent and young adult audiences with information on the most common sexually transmitted infections, prevention methods, screening, and treatment options.
- Galindo, L., **Calvo, A.** & Furlow, G. (Writers) *Bioterrorism: Facing the Threat and Staying Safe*. Terrorism and bioterrorism series videotape.
- Galindo, L., **Calvo, A.** & Furlow, G. (Writers) *Coping with Terrorism in a Changing World*. Terrorism and bioterrorism series videotape.
- Salud Latina USF monthly webinar series:
https://youtube.com/playlist?list=PLPvBW8YsoGgrTVgp-z4Wwh0ALH_sCtQgQ&si=rB5XR38zyFyJ8NSY

PRESENTATIONS AT SCIENTIFIC MEETINGS

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 - Werth, L., **Calvo, A.**, Moran, M., de Alguero, L., Hess-Holtz, M., Murphy, S., Chatterjee, J., Amezola, P., Baezconde-Garbanati, L *“Pero solo tengo una pareja” (But I only have one partner): Identifying Myths and Misconceptions regarding Cervical Cancer and Human Papilloma Virus (HPV) among Women* (poster) APHA Annual Conference, New Orleans, Louisiana 2014
 - **Calvo, A.**, Alguero, L., Vega, S., Rebolon, A., Hess-Holtz, M. *“Ambiente Limpio es Ambiente sano” (Clean environment is a healthy environment): Environmental health education for Ngäbe-Buglé Indigenous population* (oral presentation) APHA Annual Conference, New Orleans, Louisiana 2014.
 - **Calvo, A.**, Rebolon, A., Hess-Holtz, M., Alguero, L., Vega, S. Film Festival “Reaching the Community: A comprehensive health education intervention among the Ngäbe-Buglé of Panama” APHA Annual Conference, New Orleans, Louisiana 2014
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- López Castillo H, **Calvo AE**, Lescano CM. Psychometric properties of a modified, 10-item version of the DSM-5 alcohol use disorder scale [oral presentation, in Spanish, abstract 250]. APANAC's XVI National Conference for Science and Technology. Panama City, Panama; October 18-22, 2016.
- López Castillo H, Lescano CM, **Calvo AE**, Wang W, Levin BL, Sappenfield WM. Direct effects of heavy episodic drinking on inconsistent condom use: Differences between men who have sex with either men or women [oral presentation, in Spanish, abstract 256]. APANAC's XVI National Conference for Science and Technology. Panama City, Panama; October 18-22, 2016.
- López Castillo H, **Calvo AE**, Lescano CM, Wang W, Levin BL, Sappenfield WM. Meta-analysis of the effects of alcohol consumption on condomless anal sex among men who have sex with men [oral presentation, in Spanish, abstract 266]. APANAC's XVI National Conference for Science and Technology. Panama City, Panama; October 18-22, 2016.
- **Calvo AE**, Rebollón Guardado A, Hess-Holtz M, **López Castillo H**. Strengthening women's health capacities in lower-middle income countries: The Panama experience [abstract 1693; poster 2.036_WOM]. 8th Annual Consortium of Universities for Global Health (CUGH) Conference. Washington, DC; April 6-9, 2017. Poster presentation.
- López Castillo H, Lescano CM, **Calvo AE**, Rebollón Guardado A. Does the maximum legal blood-alcohol concentration (BAC) impact traffic accident fatalities worldwide? A multivariate regression ecological analysis of country-level data. [abstract 678-30789, poster 274]. USF Health Research Day 2017. Tampa, FL; February 24, 2017. Poster presentation.
- **López Castillo H**, Lescano CM, Calvo AE, Rebollón Guardado A. Does the maximum legal blood-alcohol concentration (BAC) impact traffic accident fatalities worldwide? A multivariate regression ecological analysis of country-level data. [abstract 678-30789, poster 274]. USF Health Research Day 2017. Tampa, FL; February 24, 2017.
- **López Castillo H**, Lescano CM, Calvo AE, Rebollón Guardado A. Does the maximum legal blood-alcohol concentration (BAC) impact traffic-related fatalities worldwide? A multivariate regression ecological analysis of country-level WHO data [abstract 394438, poster 3321.0]. APHA Annual Meeting & Exposition. Atlanta, GA; Nov 04-08, 2017.
- **Calvo A**. Experience of Health Research in Panama. Latin-American Federation of Scientific Societies of Medical Students. Scientific Committee of Medical Students of Panama. School of Medicine of the University of Panama. Panama City, Panama. 30-31 May and 01 June, 2018.
- **Calvo A**. Ciencia en Panamá: Spreading science in Latin-America. Open Forum of Science in Latin-America and the Caribbean. United Nations Education, Scientific, and Cultural Organization (UNESCO). 22-24 OCT-2018. Panama City, Panama.
- **Calvo A**. International meeting on experts on pertussis (whooping cough) and poliomyelitis immunization in lactating infants. 7-8 DEC, 2018. Bogotá, Colombia.
- **Calvo A** & Hess-Holtz M. Enriching Public Health Experiences through Educational, Cultural, and Social International Programs and Resources in Panama. Associations of Schools and Programs of Public Health. ASPPH Annual Meeting. 20-22 March 2019. Arlington, Virginia.

GUEST LECTURES, PRESENTATIONS AND WORKSHOPS

- *Evaluation of American Cancer Society's Services and Programs, Florida Division.* (1999). Cancer Control Research Interest Group, H. Lee Moffitt Cancer Center & Research Institute, Tampa, FL.
- *Cancer in the Community*, (2000). University of South Florida, Health, Culture and Illness course, Instructor: Roberta Baer, Ph.D., Tampa, FL.

- *Cultural, Linguistic, and Literacy Sensitivity Skill Building Workshop*, (2000). Project Toolbox, H. Lee Moffitt Cancer Center & Research Institute, Tampa, FL.
- *Hispanic and African-American Women's Health Issues: Breast & Cervical Cancer*. (2000). Redlands Christian Migrant Association, 25th Anniversary Conference, Tampa, FL.
- *Project Toolbox: Building Community Partnerships*. (2000). Florida Association of Community Health Centers, Annual Meeting, Key West, FL.
- *Lessons from the Field* (2002). 3rd Cancer, Culture & Literacy Conference. Clearwater, FL.
- *Cultural Competence Lecture* (2002). University of South Florida, Social and Behavioral Sciences Applied to Health course, Instructor: Kelli McCormack Brown, Ph.D., Tampa, FL.
- *Good Clinical Practice* (2005). Training for Rotavirus vaccine trial, phase III. Parque Lefevre Community Health Center, Panama City, Panama.
- *Human Papillomavirus in Panama* (2005). Guest lecture at the National Immunization Program annual meeting, Decameron, Farayón, Panama.
- *Protocol Use in Clinical Research*. (August 19-20, 2005). Fourth Course of Internal Medicine. University of Panama and the Panamanian Society of Internal Medicine.
- *Biodiversity and Pharmacy Research Cluster at the City of Knowledge*. (October 20, 2005). National Institutes of Health, Bethesda, MD.
- *Good Clinical Practice and Bioethics Committee Procedures* (March 8-16, 2006). Pediatrics Specialty Hospital Bioethics Committee Preparation Meeting and Workshop. Social Security Fund, Panama City, Panama.
- *Human Papillomavirus Epidemiology in Panama and Future Vaccines* (2006). Guest lecture at the National Immunization Program annual meeting 2006, Ministry of Health, Biological Storage Facility, Panama City, Panama.
- *Good Clinical Practice Workshop* (August 11, 2006). Presentation and workshop for the National Education Program of the Social Security Fund, Panama City, Panama.
- *Good Clinical Practice and Bioethical Conduct of Research among Human Subjects*. (August 20, 2006). Genetics Innovations Diploma, University of Panama.
- *Human Papillomavirus Description and New Vaccines* (August 24, 2006). Guest lecture for the National Maternal and Child Health Panama City meeting of the Social Security Fund, Panama City, Panama.
- *Human Papillomavirus Description and New Vaccines* (August 25, 2006). Guest lecture for the National Maternal and Child Health country-wide meeting of the Social Security Fund, Panama City, Panama.
- *Introduction to Social Marketing Seminar* (October 2006). University of South Florida Panama Program at the City of Knowledge, Panama.
- *Good Clinical Practice and Quality Control Annual Training Workshop* (May 2003-Ongoing Annually). Health Research International, City of Knowledge, Panama.
- *Social Marketing Annual Conference* (June 2007). Facilitated *Social Marketing Projects in Latin America*. Clearwater, Florida.
- *COMPAS IA_Design and setting of a Phase IIIb multicentre trial to evaluate the efficacy of the 10-valent pneumococcal non-typeable Haemophilus influenzae protein D conjugate vaccine (PHiD-CV) against community-acquired pneumonia and acute otitis media in young children in Latin America_(NCD)*. European Society of Pediatric Infectious Disease. Netherlands, June 2011.
- *COMPAS IA_Efficacy of 10-valent pneumococcal nontypeable Haemophilus influenzae protein D conjugate vaccine (PHiD-CV) against bacterial community-acquired pneumonia in young Latin American children: results from a randomised, double-blind, controlled trial_(NCD)*. SLIPE, Sociedad Latinoamericana de Infectología Pediátrica, Dominican Republic, July 2011.
- *Clinical Research Month*. Hospital San Miguel Arcángel. Presented weekly talks. Month of September 2012.

- Training on National IRB Development in Panama. Provided training on fraud in research to new IRB members. National Secretariat of Science, Technology, and Innovation. Panama City, Panama. September 2012.
- Training for Tuberculosis Project research team. INDICASAT Research Laboratory. Colon City, Panama. September 2012.
- Organizer, facilitator and speaker. *Writing for Scientific Publication*. INDICASAT-USF, Panama City, Panama. May 2013.
- Training of Gorgas Memorial Institute IRB Members, Panama City, Panama, January 2014.
- Water as a Human Right. CATHALAC Seminar. SENACYT, City of Knowledge. January 2015.
- Biomedical Research at the Community Level. Seminar and workshop. International Multidisciplinary Update in the Diagnosis, Treatment, and Control of TB, TB-HOV, MDR-TB, and CDR-TB in the Colón Region. Colón, Panama. September 2016.
- Good Health Americas (Buena Salud Americas). Let's talk about cervical cancer prevention and other diseases related to HPV. Panama City, Panama. October 2016.
- Promoting Health Equity and Transnational Partnerships in Cancer Prevention and Control in the Americas, Strategic Planning Summit. Panama City, Panama. October 2016.
- Global Men's Health Foundation. Legislación y Educación en Salud Sexual y Reproductiva: Cuándo, Dónde, Cómo, Cuánto, Quién?. April 19,2017
- Session on Technology and Emerging Diseases. International PanAmerican Infectious Disease Conference (API), Panama. May 19, 2017.
- **Coordinator and Presenter**, Round table. MR-03: *Women's Health: More than just gender*. Panamanian Association for the Advancement of Science (APANAC). XVI National Congress of Science and Technology. Panamá. October 21, 2016.
- **Coordinator and Presenter**, Panel discussion. P-02: *Cancer: Problems and local solutions*. Panamanian Association for the Advancement of Science (APANAC). XVI National Congress of Science and Technology. Panamá
- **Coordinator and Instructor**, Seminar/workshop on Clinical Research at Children's Hospital, Panama. 12-hour course. January 25-March 22, 2017.
- National Bioethics Research Committee of Panama. Updates on international ethical guidelines for research related to health, human subject research, and public health (CIOMS-WHO). 6 hours. 04-APR-2018. SENACYT, City of Knowledge. Facilitator.
- **Calvo A.** Research Protocol and Informed Consent Process. International Scientific Seminar of the School of Nursing. Chitré, Azuero, Panama. 14-JUN-2018.
- **Calvo A.** International and Local Guidelines for Research. Maternal and Child Hospital José Domingo de Obaldía. Chiriquí, Panama. 21-JUN-2018.
- **Calvo A.** Seminar of Research and Good Clinical Practice. Maternal and Child Hospital José Domingo de Obaldía. Chiriquí, Panama. 21&22-JUN-2018.
- Participated in the National Assembly of the Center for International Sustainable Development. 02-AUG-2018. City of Knowledge, Panama.
- **Calvo A.** Use of Social Marketing for Women's Health Issues. Regional Conference in Central Provinces. Chitré, Azuero, panama. 15-SEP-2019.
- **Calvo A.** Workshop on Sexual Health and Reproductive health of women, girls, and adolescents with HIV or at-risk of HIV. 19-21 SEP-2018. Panama City, Panama.
- **Calvo A.** Training of research protocol: Estimate of the population size of men hwo have sex with men (MSM), transgender women, and female commercial sex workers 18 years and older, characterization of this population, use of health services, condom use, discrimination and violence in the Republic of Panama for the year 2018 (PEMAR 2018). Coordinating agency: Jenkins-Lara Consulting. 24 hours duration. 19-OCT-2018.Panama City, Panama.
- **Calvo A.** Population-based research on STIs among high-risk groups. 30-NOV-2018. Gorgas Memorial Institute. Panama City, Panama.

SCIENTIFIC CONTENT WEBSITES

- National Coalition of Health Education Organizations (1998). <http://www.med.usf.edu/~kmbrown/CNHEO.htm>
- Health and Wellness On-Line (1999). Jones and Bartlett Publishers. www.jbpub.com (assisted in content development)
- Health Education Associates, Inc. (2001). Continuing education courses. www.healthedassociates.com
- Syndistar.com (2001). In the Know Zone. Educational website for teenagers and young adults on substance abuse and sexual health. www.intheknowzone.com
- Syndistar.com (2001). In the Know Zone/Zona del Saber. Educational website for teenagers and young adults on substance abuse and sexual health. www.intheknowzone.com (Spanish)
- Regional Health Training Center, Gorgas Memorial Institute Panama www.mjgraphicsinc.com/sitiowebCreces/ (2008). (Spanish/English).
- Salud Latina USF social media: @SaludLatinaUSF- Instagram, Facebook, X (Twitter).

COMMUNITY RESEARCH PROJECTS

- **Maximizing Our Brain Power**, Lawton and Rhea Chiles Center for Healthy Mothers and Babies, Summer 1999. Cultural transcreation of a strategy coordinated by the *Florida Starting Points Initiative* from a national effort of the Carnegie Corporation.
- **Family Planning Medicaid Waiver Contract**, Lawton and Rhea Chiles Center for Healthy Mothers and Babies, Summer 1999. Cultural transcreation and evaluation of campaign for mother to give birth to babies two years apart. Funded by the Florida Department of Health.
- **Florida's Child Health Diary**, Lawton and Rhea Chiles Center for Healthy Mothers and Babies, 1998-Present. Cultural transcreation and evaluation of social marketing campaign and diary for well-baby visits from birth to five years old. Funded by the Florida State Department of Health and ACHA.
- **¡Platiquemos Acerca de Su Salud!/Let's Talk About Your Health!**, H. Lee Moffitt Cancer Center and Research Institute, 1998-Present. Development and evaluation of a breast and cervical cancer educational videotape and facilitator's guide intended for Mexican migrant and seasonal farmworkers. Funded by the Cancer Research Foundation of America.
- **¡Por Su Salud!/For Your Health!**, H. Lee Moffitt Cancer Center and Research Institute. Coordinate outreach workers in the promotion and education of breast and cervical cancer screening and early detection services among farmworkers. Evaluation of effectiveness of this program. Collect and analyze knowledge, attitude, beliefs, and behavior data to develop further educational programs. Funded by the Avon Breast Care Fund.
- **Project Toolbox**, H. Lee Moffitt Cancer Center and Research Institute. Development of culturally, linguistically and literacy relevant breast, cervical and prostate cancer materials (videotapes, flipcharts, brochures) for African-American and Hispanic farmworker men and women. Funded by the Florida State Department of Health.
- **An Exploration of Hispanic Farmworker Women's Health, Nutrition and Cancer Related Knowledge and Practices**. H. Lee Moffitt Cancer Center and Research Institute. Exploratory research project to determine nutrition and cancer related knowledge and behaviors among Hispanic farmworker women in rural Hillsborough County, Florida. Funded by the University of South Florida.
- **Formative Research Phase, Breast and Cervical Cancer among Hispanics in Pennsylvania**. Development of interview guide for focus groups. Penn State University, funded by the American Cancer Society.

TECHNICAL REPORTS AND PROPOSALS

- Meade, C.D. & Calvo, A. (1998). Breast Cancer Outreach and Education for Rural Elderly and Hispanic Farmworker Women. Final report on Avon grant, funding Cycle VI. Report for Avon Breast Health Fund administered by the National Association of Breast Cancer Organizations.

- Meade, C.D. & **Calvo, A.** (1998). Cancer, Culture & Literacy 1st Biennial Conference. Final report to the Centers for Disease Control and Prevention.
- Meade, C.D. & **Calvo, A.** (1999). Breast Cancer Outreach and Education for Rural Elderly and Hispanic Framworker Women. Mid-year progress report on Avon wish-list grant. Report for Avon Breast Health Fund.
- Meade, C.D. & **Calvo, A.** (1999). Breast Cancer Outreach and Education for Rural Elderly and Hispanic Framworker Women. Year-end progress report on Avon wish-list grant. Report for Avon Breast Health Fund.
- Meade, C.D. & **Calvo, A.** (2000). Breast Cancer Outreach and Education for Rural Elderly and Hispanic Framworker Women. Mid-year progress report on Avon wish-list grant. Report for Avon Breast Health Fund.
- Meade, C.D. & **Calvo, A.** (2000). Breast Cancer Outreach and Education for Rural Elderly and Hispanic Framworker Women. Year-end progress report on Avon wish-list grant. Report for Avon Breast Health Fund.
- Meade, C.D. & **Calvo, A.** (2000). Cancer, Culture & Literacy 2nd Biennial Conference. Final report to the Centers for Disease Control and Prevention.
- Meade, C.D., Rivera, M. & **Calvo, A.** (2000). Project Toolbox. Final report to the Florida Department of Health.
- Meade, C.D. & **Calvo, A.** (2001). Breast Cancer Outreach and Education for Rural Elderly and Hispanic Framworker Women. Year-end progress report on Avon wish-list grant. Report for Avon Breast Health Fund.
- **Calvo, A.** Lindenberger, J. & McCormack Brown, K. (2002). Final Report on School Board Members Concept Testing. *California Project Lean*. Nutrition project for California schools.
- **Calvo, A.** (2005). Final report on the Rotavirus Rota-024, Protocol No. 444563/024, presented to the Gorgas Bioethics Committee, Panama City, Panama.
- **Calvo, A.** (2006). Final report on the Rotavirus Rota-023, Protocol No. 444563/023, presented to the Gorgas Bioethics Committee, Panama City, Panama.
- **Calvo, A.** (2006). Final report on the Human Papillomavirus Vaccine Trial, Protocol No. HPV-013, presented to the Gorgas Bioethics Committee, Panama City, Panama.
- **Quarterly Advance Reports and Final Report.** *A phase III, double-blind, randomized, controlled study to evaluate the safety and immunogenicity of GlaxoSmithKline Biologicals' HPV-16/18 VLP/AS04 vaccine administered intramuscularly according to a 0, 1, 6 month schedule in healthy female subjects aged 10 – 14 years (HPV-013).* September 2004-September 2005.
- **Quarterly Advance Reports and Final Report.** *Multicenter, Randomized, Comparative Study To Evaluate The Efficacy And Safety Of Levofloxacin In The Treatment Of Children Who Have Recurrent And/Or Persistent Acute Otitis Media (RWJ-25213-097).* 2003-Present.
- **Quarterly Advance Reports and Final Report.** *A multicenter, long-term, active surveillance study of musculoskeletal disorders that occur after initiating a course of Levofloxacin or non-fluoroquinolone therapy for acute infectious diseases in children who were enrolled in phase 3 clinical trials involving levofloxacin therapy.* June 2003-Present.
- **Quarterly Advance Reports and Final Report.** *A multicenter, randomized, open-label, comparative study to compare the efficacy and safety of levofloxacin and Standard of care therapy in the treatment of children with community-acquired pneumonia in the hospitalized or outpatient setting (RWJ-25213-097).* June 2003-April, 2004. (USD 40,000).
- **Quarterly Advance Reports and Final Report.** *A phase III, double-blind, randomized, placebo-controlled, multi-country and multi-center study to assess the efficacy, safety and immunogenicity of two doses of GSK Biologicals' oral live attenuated human rotavirus (HRV) vaccine in healthy infants (444563/023; Rota-023).* October 2003-Present. (USD 1.4 Million).
- **Quarterly Advance Reports and Final Report.** *A phase III, double-blind, randomized, placebo-controlled, multi-country and multi-center study to assess the efficacy, immunogenicity and safety of two doses of GSK Biologicals' oral live attenuated human rotavirus (HRV) vaccine given*

concomitantly with routine EPI vaccinations including OPV in healthy infants (444563/024; Rota-024). December 2003-June 2005.

- **Quarterly Advance Reports and Final Report.** *A phase II, partially-blind, randomized, controlled study of three doses of live attenuated tetravalent dengue vaccine (Formulation 17) administered on a schedule of 0,1,6-months, 0,1,12-months or 0,6,12-months, compared to a control of placebo-Havrix™-Havrix™ administered on a schedule of 0,1,12-months, to healthy adults without hemagglutination-inhibiting antibodies to dengue at screening (DEN-004).* October 2004-December, 2005.
- **Quarterly Advance Reports and Final Report.** *A phase III, double-blind, randomized, placebo-controlled, multi-country and multi-center study to assess the efficacy, immunogenicity and safety of two doses of GSK Biologicals' oral live attenuated human rotavirus (HRV) vaccine given concomitantly with routine EPI vaccinations including OPV in healthy infants (444563/024; Rota-024).* October 2005-November 2006
- **Quarterly Advance Reports and Final Report.** *Epidemiological Prospective Study of invasive disease surveillance caused by Streptococcus pneumoniae and community acquired pneumonia in a population of children 28 days to 35 months inclusive.* (106086/EPI-STREP). July 2006-December 2006.
- **Quarterly Advance Reports and Final Report.** *Confirmatory Otitis Media and Pneumonia Study (COMPAS): a phase III, double-blind, randomized, controlled, multicentre study to demonstrate the efficacy of GlaxoSmithKline (GSK) Biologicals' 10-valent pneumococcal conjugate vaccine (GSK1024850A) against Community Acquired Pneumonia (CAP) and Acute Otitis Media (AOM).* August 2007-August 2010. Ongoing.

RESEARCH-BASED PRINT MATERIALS

- *Tres Pasos Para la Salud de sus Senos/Three Steps to Breast Health* (1999). Spanish and English low-literacy and culturally relevant breast cancer control pamphlets. Moffitt Cancer Center.
- *For your Health!* (2000). Low-literacy and culturally relevant prostate cancer control pamphlets for medically underserved African-Americans. Moffitt Cancer Center.
- *Ante todo Su Salud.* (2000). Spanish low-literacy and culturally relevant prostate cancer control pamphlets for medically underserved Hispanics. Moffitt Cancer Center.
- *HIV/AIDS: Better Safe than Sorry* (2001). Adolescent and young adult HIV/AIDS prevention pamphlets. Syndistar, Inc.
- *STDs and Abstinence: The Safest Choice* (2001). Adolescent and young adult STD prevention through abstinence pamphlets. Syndistar, Inc.
- *STDs and Prevention: Never Too Safe* (2001). Adolescent and young adult STD prevention pamphlets. Syndistar, Inc.
- *A Terrorist Threat, You can be Prepared* (2001). Terrorism attack awareness pamphlets. Syndistar, Inc.
- *Chemical and Biological Terrorism: Being Aware, being Prepared* (2001). Chemical and bioterrorism awareness pamphlets. Syndistar, Inc.
- *Biothreat: Botulism* (2001). Bioterrorism awareness booklets. Syndistar, Inc.
- *Biothreat: Plague* (2001). Bioterrorism awareness booklets. Syndistar, Inc.
- *Biothreat: Viral Hemorrhagic Fevers* (2001). Bioterrorism awareness booklets. Syndistar, Inc.
- *STDs: Be Informed, Be Healthy/Infórmate, Sé Saludable.* (2002). Bilingual (English/Spanish) fotonovela. Syndistar, Inc.
- *Chlamydia and Gonorrhea: Uncover a Hidden Health Threat/Descubre Infecciones Escondidas.* (2002). Bilingual (English/Spanish) fotonovela. Syndistar, Inc.
- *HIV/AIDS: Get Tested, Know for Sure/Examine, Está Seguro* (2002). Bilingual (English/Spanish) fotonovela. Syndistar, Inc.
- *Training Material for Project Lean*, California Department of Health. Nutrition for school age children.

- *Training Material and Educational Material for Holistic Approach to Health among the Ngäbe-Buglé Indigenous Population.* University of South Florida, Panama Program. (2011-2013).

MEDIA COVERAGE

Television

- Univisión, Channel 61. Interview on Breast Cancer Awareness Month and Outreach among Hispanic Medically Under-served populations in Rural Areas (October 1999).
- HTV, Local Cable, Channel 22. Interview on Prostate Cancer Education and Outreach among Hispanic men (December 2000).
- NBC (local), News Channel 8. Interview on Community Outreach and Education (January 2001).
- Telemundo, Channel 57. *Entre Nosotros*. Interview on Breast, Cervical and Prostate Cancer Outreach, Education and Screening among Hispanics (February 2001).
- Telemundo, Channel 57. *Entre Nosotros*. Interview on Breast Cancer among Hispanic Women (May 2001).
- Canal 2. Interview on March for Science in Panama. April 20, 2017.
- SerTV. Interview on #CienciaEnPanama and Ngäbe-Buglé projects. Panama. May 12, 2017.

Radio

- AMA Radio, 820 AM, local broadcast. Interview on breast and cervical cancer awareness and screening programs for Hispanic women in Tampa Bay area (October 2000).
- MEGA, 96.1 FM, local broadcast. Interview on breast and cervical cancer awareness and screening programs for Hispanic women in Tampa Bay area (October 2000).
- MEGA, 96.1 FM, local broadcast. *Hablemos con Usted* weekly show. Program on breast and cervical cancer among Hispanic/Latino women in the U.S.
- Imagina. Interview on women's health issues research. Panama. 2016
- Sal y Pimienta. Entrevista sobre la importancia de hacer ciencia. #CienciaEnPanama. 2016
- SerTV. Interview on #CienciaEnPanama and Ngäbe-Buglé projects. Panama. May 12, 2017.

Print

- USF Health Sciences Newsletter, ACS Fellows Evaluation Project (Spring 1998).
- St. Petersburg Times. Interview on Breast Cancer Outreach and Education among Mexican Farm Worker Women (May 1999).
- O, The Oprah Magazine. Short article on Breast Cancer Outreach and Education among Mexican Farm Worker Women through Avon Funded Project (October 2000).
- Bits & Bytes Newsletter, Where are they Now? USF College of Public Health Alumni (Spring 2001).
- Medica Magazine. Train-the-Trainer Project: Ngäbe-Buglé. Panama. (Fall 2013).
- Imagina. Mujeres en la Ciencia. Marzo 2017.
- La Prensa. Mapean el virus de VIH en Panamá. Dec. 2015. http://www.prensa.com/salud_y_ciencia/Mapean-evolucion-VIH-Panamá_0_4357814300.html
- La Prensa. Luchadora por la salud pública. March 2016. http://www.prensa.com/sociedad/CIENCIA-PANAMENA-SALUD-SALUD_PUBLICA-INVESTIGACION_0_4431306939.html

AWARDS & RECOGNITIONS

- Collaborative Evaluation Fellowship Project- CEFP. (1997). American Cancer Society and Robert Wood Johnson Foundation. (\$2,500)
- Delores A. Auzenne Fellowship. (2000). Academic assistance for outstanding graduate minority students (\$5,000).

- Doctoral Student Trainship. (Fall 2000). University of South Florida, College of Public Health. (\$3,000).
- Doctoral Student Trainship. (Spring 2001). University of South Florida, College of Public Health. (\$1,800).
- Latino Graduate Student Fellowship. (Fall 2001-Spring 2002). Academic assistance for outstanding Latino graduate students, University of South Florida (\$ 7,000).
- American Public Health Association (APHA, 1999). Health education materials contest for *¡Platiquemos Acerca de Su Salud! Let's Talk about Your Health!* for Mexican migrant and seasonal farmworker women (*Project Toolbox*).
- SHARP Award. (Fall 2002). University of South Florida, College of Public Health (\$500).
- College of Public Health Dissertation Research Award. University of South Florida, College of Public Health (\$1,000).
- Distinguished Outstanding Alumni, College of Public Health, University of South Florida (Spring 2015). Tampa, FL.
- Status of Latinos Award, University of South Florida. Awarded to outstanding Latino alumni (Summer 2021).

PROFESSIONAL ORGANIZATIONS AND COMMUNITY SERVICE

- **ICHPER-SC**- International Council for Health, Physical Activity, Recreation and Dance. President of the Panamanian Chapter.
- **ICHPER-SC**- International Council for Health, Physical Activity, Recreation and Dance. General Secretary for Latin America.
- **HPWA**-Hispanic Professional Women's Association, Inc., member since 2000.
- **AAHE**-American Association for Health Education, member since 1998-2012.
- **APHA**-American Public Health Association, volunteer in the Health Education and Promotion Section, member since 1997-Present.
- **Eta Sigma Gamma**-Honorary health education association, member since Spring 2002.
- **C-CRAB**-Cancer Control & Research Advisory Board, volunteer for Spanish translation of cancer educational materials, member since 1998.
- **American Cancer Society**, Tampa, FL-volunteered for clerical assistance, 1996-1997.
- **Ronald McDonald House**, Tampa, FL.-volunteered to provide translation services and food for children and families, 1998-Present.
- **Children's Hospital and Elderly Asylum**, Panama City, Panama-volunteered to bring food and clothing, 1985-1989.
- **National Panamanian Infectious Disease Society**, honorary member, 2006.
- **National Panamanian Clinical Research Association**, secretary, 2004-2006.
- **Panamanian Association for the Advancement of Science (APANAC)**.
- **Society for Public Health Education (SOPHE)**, member since 2012-Present.
- **International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Central America and the Caribbean**. Panama Chapter, August 2016.

PARTICIPATION IN NATIONAL COMMITTEES

- *Talk, Tools & Technology*-Cancer Patient Education Network-National Cancer Institute's 10th Annual Patient Education Meeting, planning committee member (1999).
- *Cancer, Culture and Literacy* 2nd Biennial Conference, Moffitt Cancer Center's Education Program biennial conference, planning committee member, (1998-2000).
- *Cancer, Culture and Literacy* 3rd Biennial Conference, Moffitt Cancer Center's Education Program biennial conference, planning committee member and course director, (2000-2002).
- *American Public Health Association, Latino Caucus*, planning committee member (2002-present).
- Member of the Gorgas Memorial Institute IRB, Panama City, Panama, as of January 2014.

PARTICIPATION IN LOCAL AND INTERNATIONAL COMMITTEES

- Breast Cancer Task Force, American Cancer Society, Tampa Unit, Florida (1999-2001).
- Farmworker Self-Help, Dade City, Florida (1998-2001).
- City of Knowledge, Academic Program Advisory Committee, Panama (2004-Present).
- International Center for Sustainable Development, City of Knowledge, Panama (2004-Present).
- Bioscience Committee, Development of Panamanian National Plan on Science, Technology, and Innovation, National Secretariat of Science and Technology, Panama (2002-Present).

PARTICIPATION IN PEER REVIEW COMMITTEES

- *Cancer, Culture and Literacy* 2nd Biennial Conference, biennial conference, review of abstracts for presentation (1998-2000).
- *Cancer, Culture and Literacy* 3rd Biennial Conference, biennial conference, review of abstracts for presentation, (2000-2002).
- *American Association of Health Education*, annual meeting, review of abstracts for presentation, (1998-1999).
- *American Journal of Health Behavior*, publication of the American Academy of Health Behavior, review of manuscripts for publication, (2001-present).
- *American Public Health Association, Latino Caucus*, annual meeting, review of abstracts for presentation (2002).
- *Funds for Research by the International Development Bank* (2004-2005). Administered and executed by the Gorgas Memorial Institute. Panama City, Panama.
- Spanish language translator for the *International Journal of Health Education* (2003-Present), publication of the American Academy of Health Education.
- *American Journal of Health Education*, peer reviewer (2005-2012), publication of the American Academy of Health Education.
- *Journal of Behavioral Health Services & Research*, reviewer (2012-Present).
- *Family & Community Health Journal*, reviewer (2015-Present).
- Evaluation of oral presentations. International PanAmerican Infectious Disease Conference (API), Panama. May 18, 2017.

MEMBER IN STUDENT THESIS AND DISSERTATION COMMITTEES

- Arturo Rebollón, Doctoral dissertation. *Cancer control among Ngäbe-Buglé indigenous populations in Panama*. Department of Global Health, College of Public Health, University of South Florida, DATE PENDING.
- Humberto López-Castillo. Doctoral dissertation. *Reproductive health among vulnerable populations in Panama*. Department of Community and Family Health, College of Public Health, University of South Florida, August 2016.
- Lisa Nicole Werth. Medical school research project. *Preventing Cervical Cancer among Ngäbe-Buglé and Latina Women in Panama*. University of Southern California, LA. 2013-2014. (\$25,000.00 research project award).
- Natalia Vega, International MSPH Thesis, *Knowledge, attitudes and traditions of indigenous females from the ethnia Ngäbe-Buglé regarding water consumption and sanitary practices*. Department of Environmental and Occupational Health, College of Public Health, University of South Florida, 2012-2013.
- Colleen Timmons, Joint Masters in Latin American and Caribbean Studies and Global Health Thesis, *Men's Knowledge, Attitudes, Beliefs and Behaviors Related to HPV in Panama City, Panama*. University of South Florida, 2011-2012.
- Euna August, Doctoral Dissertation, *An Examination of the Determinants of Cervical Cancer Screening in Panama*. Department of Community and Family Health, College of Public Health, University of South Florida, 2009. Student finalized another topic dissertation in the US.

- Carly Halpenny, Doctoral Dissertation, *Relationship between nutritional status of children, coffee consumption and infections due to parasites and anemia at the Ngäbe-Buglé Comarca in Panama*. McGill University, Panama, 2008-2010.

INTERNATIONAL STUDENT FIELD SUPERVISOR/ADVISOR AND SPECIAL PROJECT CHAIR

- Kayleen Boyd. Special Project and Field Experience Supervisor. Using social media to promote the use of Las Mañanitas health center services. Summer 2017.
- Nicola Preston. Special Project and Adviser. Family planning and teen pregnancy in Panama. Summer 2017.
- Dalia Laurencio. Special Project and Adviser. Domestic Violence Program Evaluation: Femicide, Domestic Violence and the Legal System Central America: Panama City, Panama. Spring 2016.
- Danielle Rankin. Special Project and Adviser. Peripheral Biomarkers Of Cognitive Function, Disability, And Co-Morbidity In Elderly Hispanic Adults. Fall 2015.
- Amanda Ichiite. Special Project and Adviser. Republic of Panama: Violence against women Policy analysis. Summer-Fall 2015.
- Shea Parker. Special Project and Adviser. Discussing The Impact Of Adolescent Reproductive And Sexual Health In Panama. Summer 2015.
- Charles Neal. Special Project and Adviser. Pretesting educational material in Afghanistan. Summer-Fall 2014.
- Lisa Nicole Werth. International Field Experience. Deans scholarship. University of Southern California. HPV research Project. Panama. Summer 2013-Summer 2014.
- Morgan Hess-Holtz. International Field Experience, *Publication and grantwriting experience in Global Health*. University of South Florida, Summer 2013-Summer 2014.
- Ilenia Forero, Natalia Vega, Nydia Flores, Lorna Jenkins, Linette Chang, Roderick Chen, Jessica Candanedo, Mayela Castro. First cohort of Panamanian Students, International Masters in Public Health Research, University of South Florida, 2011-2013.
- Rosalie Van Skyhawk. International Field Experience, Masters in Public Health. *HPV and cervical cancer in Latin America*. And field experience at the Comarca Ngäbe-Buglé. University of South Florida, eight weeks, 2013.
- Jordan Kapper, Medical school International Medicine Concentration, *General Health at the Comarca Ngäbe-Buglé*. University of South Florida, Nov.-Dec. 2012.
- Christopher Weekes, Thesis and Field Experience. *Water Quality of the Panama Canal Watershed*. CATHALAC. City of Knowledge, Panama. University of South Florida. August 2012.
- Emrah Keskin, Doctoral Study Abroad, Political Science, *Environmental Law*. CATHALAC. City of Knowledge, Panama. University of South Florida. July 2012.
- Colleen Timmons, International Field Experience and Independent Study, Masters in LACS and PH. *HPV among Men in Panama*. ISLAC and COPH, University of South Florida, 12 months, 2011-2012.
- Jenny Blanco, International Field Experience, *Focus groups on cervical cancer screening behavior among Panamanian Women*. University of South Florida, Summer 2006.
- Preceousa Serna, International Field Experience, *Rural healthcare at Hospital José Domingo de Obaldía*, University of South Florida, Summer 2005.
- Alex Lockhart, International Field Experience, University of South Florida, Summer 2005.
- Jennifer Muller, International Field Experience, *Immigrant health in Panama*. University of South Florida, Summer 2005.
- Koji Kanda, International Field Experience, *Development of HIV/AIDS patients database in Panama*. Project conducted in partnership with the Social Security Fund Hospital of Panama. University of South Florida, 6 months, 2005.
- Tada Sasaki, International Research, *Elichoarter pylori among the Panamanian Population*. Study conducted in partnership with Gorgas Memorial Institute. University of South Florida, 3 months, 2005.

- Desmond Muller, International Field Experience, *Global Health*, COPH, University of South Florida, 2005.
- Kara Mack, International Field Experience, *Global Health*, COPH, University of South Florida, 2005.
- Laura Pearce, International Field Experience, *Challenges in public health in the developing world*. Humanitarian Assistance Certificate, COPH, University of South Florida, 2004.

TRAINING / SIGNIFICANT NON-CREDIT COURSES/WORKSHOPS

- *Fundamentals of Grants Writing for Cancer Control Workshop*, National Cancer Institute.
- *Methods Evaluation Conference*, Centers for Disease Control.
- *Grant Writing Workshop*, University of South Florida.
- *Moffitt Ground Rounds*, weekly, H. Lee Moffitt Cancer Center & Research Institute.
- *CCRIG-Cancer Control Research Interdisciplinary Group* (monthly research presentations), H. Lee Moffitt Cancer Center & Research Institute.
- *Cure Rate Estimation*, A Workshop for Biostatisticians, H. Lee Moffitt Cancer Center & Research Institute.
- National Institutes of Health, Institute of Allergies and Infectious Diseases, Post-Award Training on Grant Management, December 2011, Panama.
- National Bioethics Research Committee of Panama. Updates on international ethical guidelines for research related to health, human subject research, and public health (CIOMS-WHO). 6 hours. 04-APR-2018. SENACYT, City of Knowledge.
- Equity in Health: The transformational power of social change agents. Central American Healthcare Initiative. 14-FEB-2019. City of Knowledge, Panama.
- Using Public Health Practice Case Studies in your MPH Curricula. Jones & Bartlett Learning. Webinar. 05-MAR-2019.
- Scientific Writing. Stanford University. Online Course. January-March, 2019.

RESEARCH INTERESTS

- International health, vaccine research at a population level.
- Development of culturally, linguistically and literacy relevant interventions, educational materials and programs.
- Community-based research, education, outreach, screening and care regarding chronic and infectious diseases.
- Rural and urban health among diverse populations.
- Qualitative and quantitative research among culturally diverse populations.
- Nutrition research and education related to chronic diseases.
- Culturally relevant social marketing and health education and promotion.
- Chronic and infectious disease control among diverse populations.
- Women's health.
- Health disparities due to race and ethnicity.

MISCELLANEOUS SKILLS

- Development of culturally, linguistically and literacy relevant educational materials.
- Fluent in Spanish and conversational Portuguese.
- Translation and cultural transcreation of materials.
- Excellent organizational and communication skills, both written and oral.
- Coordination and logistics for implementation of clinical trials.
- Qualitative and quantitative research methods, such as: focus group, interview, instrument development (e.g., surveys, questionnaires, etc.), data analysis (textual and numerical).
- Multicultural community outreach and education.
- Language, cultural and literacy competency.

- Message design and tailoring for specific populations.
- Social marketing processes applied to behavior change.
- Ability to build and participate in community advocacy, robust and sustainable partnership building and mobilization endeavors.
- Application of Epidemiological studies and needs assessment to diverse populations.