

MARK A. CANTRELL

University of Pittsburgh | 412-383-7946 | mac304@pitt.edu

EDUCATION

- Doctor of Nursing Practice (DNP)** Apr. 2016
University of Pittsburgh, School of Nursing
Concentration: Administration and Health System Leadership
Capstone: Developing academic-community partnerships to address the health and resource needs of vulnerable populations
- Master of Public Health (MPH)** Dec. 2016
University of Pittsburgh, Graduate School of Public Health
Concentration: Behavioral and Community Health Sciences
Thesis: A needs assessment of primary care workers in rural Bolivia
- Graduate Certificate of Advanced Study** Dec. 2016
University of Pittsburgh, Center for Latin American Studies
Concentration: Latin American Social and Public Policy
- Bachelor of Science in Nursing (BSN)** May 2006
Westminster College, Nursing
Honors: *Summa Cum Laude*

PROFESSIONAL LICENSURE

- Registered Nurse**, Commonwealth of Pennsylvania Aug. 2006 to Present

TEACHING EXPERIENCE

- University of Pittsburgh**, School of Nursing Aug. 2016 to Present
Assistant Professor, Health and Community Systems
- Lead professor for several public and community health courses including, “Community Health Nursing”, “Risk Factors and Health”, and “Contemporary Issues in Cross Cultural Health Care” for nursing and allied health professional students
 - Lead professor and creator of the study abroad course, “Nursing in Nicaragua: Public and Community Health”
 - Lead professor for, “Health Promotion and Disease Prevention in Culturally Diverse Populations” for graduate students
 - Invited lecturer on themes related to maternal-infant, public, and global health
 - Mentor and coach students and faculty in maternal-infant, public and global health

University of Pittsburgh, School of Nursing Aug. 2013 to May 2016
Teaching Fellow, Office of Community Partnerships

- Primary didactic instructor for the course “Community Health Nursing”
- Co-leader of the Office of Community Partnerships
- Develop academic-community partnerships to meet the health needs of vulnerable and underserved communities, and enrich students’ academic experience
- Mentor and manage teams of graduate and undergraduate students in community health and leadership
- Lead the development, implementation, and evaluation of novel health promotion programs

University of Pittsburgh, School of Nursing Aug. 2013 to Apr. 2015
Teaching Fellow, Acute and Tertiary Care

- Teaching Fellow for the graduate course “Health Promotion and Disease Prevention in Culturally Diverse Populations”
- Lead interinstitutional partnership development with community service agencies
- Develop community service-learning experiences for students

University of Pittsburgh, School of Nursing Aug. 2012 to Apr. 2013
Teaching Assistant, Acute and Tertiary Care

- Clinical Instructor for “Advanced Nursing Management of the Adult with Acute/Complex Health Problems”
- Clinical Instructor for “Nursing Management of the Adult with Acute/Chronic Illness”
- Lab and Simulation Instructor teaching health procedure skills and physical assessment across the life course

PROFESSIONAL WORK EXPERIENCE

Pan American Health Organization, Nicaragua May 2016 to Present
International Professional Consultant, Health Systems and Services

- Support the development and implementation of the regional PAHO/WHO “Training of Human Resources for Health to Improve the Quality of Maternal Health Care in Latin America and the Caribbean” project
- Collaborate with the Ministry of Health to develop strategic actions to improve population health including revising Ministry guidelines, and implementing quality improvement initiatives
- Lead the development of the Virtual Campus for Public Health, Nicaraguan Node to promote health worker access to continuing professional education
- Create and lead projects to build capacity in the Nicaraguan health workforce through education, training, and research
- Develop mutually beneficial interinstitutional agreements between universities, Ministry of Health, and the Pan American Health Organization
- Design and conduct health workforce assessments in partnership with WHO Collaborating Centers, PAHO/WHO, professional associations, and Universities

VA Pittsburgh Healthcare System, Pittsburgh, PA Oct. 2010 to Sept. 2012
Staff Nurse II, Home Based Primary Care

- Co-lead multidisciplinary, community-based primary health care teams
- Provide direct, integrated health care services and case management in communities emphasizing health promotion and maximized independence
- Train and supervise nursing and allied health professionals; establish work objectives, conduct performance appraisals, provide coaching and feedback, and support staff development opportunities
- Collaborate interprofessionally to develop and implement health care quality and safety initiatives

Indian Health Service, San Carlos Apache Reservation, AZ Aug. 2008 to Feb. 2010
Public Health Nurse, USPHS Indian Hospital, Community Health

- Co-lead the Maternal, Infant and Child health programs with an emphasis on essential interventions to support the health, growth and development of women and children
- Direct the Communicable Diseases program with an emphasis on sexually transmitted infection prevention, surveillance, and effective treatment
- Direct the School Health program emphasizing childhood immunizations, school health promotion, and adolescent pregnancy prevention
- Coordinate emergency preparedness and response activities, including mass vaccination campaigns for populations impacted by the H1N1 influenza pandemic
- Develop and manage specialty health care clinics, and health promotion events
- Provide community-based, culturally competent primary health care to indigenous populations across the life course emphasizing care of women and children

University of Pittsburgh Medical Center, Pittsburgh, PA Oct. 2006 to Aug. 2008
Staff Nurse, UPMC Mercy

- Provide comprehensive medical care to adolescents and adults in a tertiary hospital serving underserved communities
- Other duties include: charge nurse, nursing student preceptor, and staff supervision

INTERNATIONAL CONSULTING

Consultant, Global Links, Pittsburgh, PA Dec. 2013 to Present

- Advise on program development to build capacity the maternal/child and primary health care workforces in Latin America
- Conduct in-country Latin American health systems needs assessments and impact evaluations in collaboration with PAHO/WHO country offices, and governmental institutions
- Develop, administer, and analyze quantitative and qualitative evaluation tools
- Engage with community members, leaders, health workers, and government officials to identify stakeholder priorities to inform programing

Advisor, Medical Education Cooperation with Cuba, Oakland, CA Dec. 2013 to Apr.2016

- Design and conduct primary health care worker needs assessments focusing on Latin American Medical School graduates (ELAM) conducting field visits in Honduras, Nicaragua, Colombia, and Bolivia
- Provide technical advice on continuing professional development programs for ELAM physicians including obstetrics training
- Conduct workforce policy analysis and environmental scanning related to incorporating ELAM physicians into public health systems

Consultant, One World One Community, Agoura Hills, CA Oct. 2014 to June 2016

- Provide technical advice on international health programming including the development of community-based health services in Latin America
- Guide the development of the organizational vision, mission, and strategic plan
- Participate in the identification and mobilization of financial and material resources to support programming

Advisor, Adventist Development and Relief Agency, Bolivia Mar. 2010 to June 2010

- Evaluate and provide improvement recommendations for USAID-funded, community health worker programs prioritizing maternal and child health in rural areas
- Promote maternal/child morbidity and mortality surveillance, community health promotion and disease prevention emphasizing the social determinants of health
- Facilitate health training for program staff, schools, and community health workers
- Support the development of community emergency prepared plans in collaboration with community leaders

PUBLICATIONS

Manuscripts Under Review/Development

Cantrell, M.A. Increasing Nicaraguan Health Worker Access to Continuing Professional Development via the Virtual Campus for Public Health to Promote Health Equity.

Cantrell, M.A., Smith, T., Sligh, M., and Donovan, H.S., The Health Connections Center: An academic-community partnership to address the health and resource needs of food insecure clients.

Cantrell, M.A., Russell, J., Nelson, P.J., and Documet, P.I., A needs assessment of primary care workers in rural Bolivia.

PRESENTATIONS

Invited Presentations

Cantrell, M., (August, 2017). The Social Determinants of Health and Maternal Health. Presentation for the Training of Human Resources for Health to Improve the

Quality of Maternal Health in Latin America and the Caribbean. Managua, Nicaragua.

Cantrell, M., (June, 2017). Increasing Nicaraguan Health Worker Access to Continuing Professional Development via the Virtual Campus for Public Health to Promote Health Equity. Podium presentation at the PAHO/WHO Leaders in International Health Program. Quito, Ecuador.

Cantrell, M., Cacho, D., Shrestha, S., Joseph, T., Davies, P., & Lewis, Y., (June, 2017). Sustainable Development Goals, UN Agencies and the International Health Conceptual Model. Podium presentation at the PAHO/WHO Leaders in International Health Program. Quito, Ecuador.

Cantrell, M., (May, 2017). Global Health and Nursing in the Americas. Podium presentation at the UPOLI Masters Conference. Managua, Nicaragua.

Cantrell, M., (November, 2016). Maternal Health Workforce Needs: Nicaragua. Presentation for the Training of Human Resources for Health to Improve the Quality of Maternal Health in Latin America and the Caribbean PAHO/WHO expert working group. Organization of American States, Washington D.C.

Poster Presentations

Turi, E., **Cantrell, M.,** Bahnsen, K., Liu, Y., Pendergast, A., Smith, T., & Donovan, H., (April, 2016). Getting the WORD-OUT on type 2 diabetes: Risk and prevention in a food-insecure population. Poster presented at the Academic Community Engagement Presentations. Pittsburgh, PA.

Cantrell, M., Bahnsen, K., Smith, T., Cronin, M., Belcher, S., Buck, T., Cannon, M., Cianci, G., Liu, Y., Pendergast, A., Sligh, M., Turi, E., and Donovan, H. (September, 2015). Development of a student-led Health Connections Center at a community food pantry. Poster presented at the Academically Based Community Engagement: An Idea Exchange. Pittsburgh, PA.

Buck, V., Bahnsen, K., **Cantrell, M.,** Pendergast, A., Sligh, M., Smith, T., Donovan, H. (2015, April). Evaluation of resource referral process for food-insecure community members at a local food pantry. Poster presented at the annual Health Sciences Disparities Poster Competition. Pittsburgh, PA.

Cannon, M., Cianci, G., Belcher, S., **Cantrell, M.,** Smith, T., and Donovan, H. (April, 2014). Discovering the resource needs of food-insecure community members at a food pantry. Poster presented at the annual Health Sciences Disparities Poster Competition. Pittsburgh, PA.

PROFESSIONAL AFFILIATIONS

Sigma Theta Tau International Honor Society of Nursing, 2005-Present
Eta Chapter Member

HONORS AND AWARDS

Faculty Honoree , University of Pittsburgh	2018
Leaders in International Health Program , PAHO/WHO	2017
Graduate Honoree , University of Pittsburgh	2014
Margaret M. Dick Quasi Endowed Scholarship	2013
Owens Endowment	2012
Alpha Chi Honor Society	2006

SERVICE

University Service

Center for Global Health, University of Pittsburgh, PA, *2015-Present*

- Support the development of interinstitutional agreements with universities and organizations in Latin America
- Facilitate U.S.-Nicaraguan collaboration between educators, researchers, and health practitioners.

Refreshing the Curriculum Taskforce, University of Pittsburgh, PA, *2016-Present*

- Chair efforts to reinvigorate the School of Nursing's graduate and undergraduate curriculums

BSN Council, University of Pittsburgh, PA, *2016-Present*

- Council Member for the School of Nursing

Diversity Taskforce, University of Pittsburgh, PA, *2017-Present*

- Co-chair the development a School of Nursing strategic plan for curriculum and faculty diversity development

Center for Health Equity, University of Pittsburgh, PA, *2017-Present*

- Associated faculty member engaged in activities to understand and reduce health disparities in vulnerable populations

Community Service

Community Human Services

Advisor, Pittsburgh, PA, *2016-Present*

Urban League of Greater Pittsburgh

Advisor, Pittsburgh, PA, *2016-2017*

Office of Community Partnerships

Lead Community Health Volunteer, University of Pittsburgh, PA, *2014-2016*

The Welcome Center for Immigrants & Internationals

Medical Case Worker Volunteer, Pittsburgh, PA, *2007-2008*

AmeriCorps UCAN Serve Program

AmeriCorps Volunteer, Salt Lake City, UT, *2005-2006*

Boys & Girls Club

Child Tutor, Salt Lake City, UT, *2005-2006*

Guadalupe Schools

English as a Second Language Tutor, Salt Lake City, UT, *2004-2005*

LANGUAGES

English: Native Language

Spanish: Advanced Fluency in speaking, listening, reading and writing

REFERENCES

Available upon request.