

RACHALINE NAPIER

PROFESSIONAL SUMMARY

- Highly capable, versatile, and qualified professional with over 10 years of online teaching experience, complemented with an MPH and DrPH with concentration in Epidemiology
- Experienced in epidemiological and statistical methods
- Experienced with the use of and obtaining and manipulating data from electronic medical records (ELMR) database
- Experienced with teaching a diverse population of traditional students, working adults and returning students with a wide variety of educational backgrounds and experiences
- Well-versed in using a variety of Classroom Management Systems (CMS) such as WebCT, Blackboard and Canvas
- Experienced in course development for Introduction to Public Health Courses
- Excellent communication skills with the ability to effectively engage students in discussions

Technical Skills

Software: Microsoft Windows, SAS, Epi Info, SPSS

Teaching platforms: Blackboard; WebCt, Canvas, eCollege, BrightSpace, Engage and other Course Management Systems (CMS)

ONLINE ADJUNCT TEACHING EXPERIENCE

CALIFORNIA BAPTIST UNIVERSITY

Riverside, CA

Online Adjunct Instructor, Health Sciences

7/2018 – Present

- Teach undergraduate level online courses in the College of Health Sciences via BlackBoard
- **Courses Taught:**
 - *Contemporary Health Issues*
 - *Epidemiology*
 - *Applied Statistics*
 - *Public Health Promotion, Disease Prevention, and Intervention*
 - *Research Methods*

PURDUE UNIVERSITY

West Lafayette, IN

Course Developer and Adjunct Instructor

1/2018 – 12/2021

- Developed ***Principles of Epidemiology*** course and related materials for delivery online
- Teach ***Principles of Epidemiology*** - online.
- Recipient of Purdue Online Teaching Excellence Award, 2020

UNIVERSITY OF NEW ENGLAND

Biddeford, ME

Integrative Learning Experience Supervisor

7/2019 – 12/2019

- Supervise students through their final research project
- Guide students through IRB processes and ensure appropriate research methods.
- Help them to prepare for the final presentation of their research

RUTGERS UNIVERSITY

New Brunswick, NJ

Online Adjunct Instructor, Public Health

9/2017 – 12/2018

- Develop and taught graduate-level online course using Canvas
- **Course Taught:**
Principles of Health Administration and Healthcare Policy
- Initiate, facilitate, and moderate classroom discussions.
- Evaluate and grade students' class work, assignments, and papers

ONLINE ADJUNCT TEACHING EXPERIENCE CONT'D

LOMA LINDA UNIVERSITY SCHOOL OF PUBLIC HEALTH

Loma Linda, CA

Online Adjunct Instructor, Public Health

01/2011- 6/2017

- Taught graduate-level online courses in Public Health via Blackboard and Canvas
- **Courses Taught:**
PHCJ675: Public Health Capstone
PHCJ605: Overview of Public Health
- Develop and plan course syllabus
- Select appropriate text, assignments and class activities
- Facilitated monthly live synchronous chats with students to discuss topics and assignments
- Encouraged students to demonstrate independent and critical thinking to address public health challenges and to analyze public health problems as part of a multidisciplinary team with an integrative perspective
- Supervised Teaching Assistant

UNIVERSITY OF PHOENIX

Phoenix, AZ

Online Adjunct Instructor, Public Health

9/2007- 2/2017

- Taught undergraduate level online courses in Public Health. Classes are taught online via eCampus.
- **Courses Taught:**
HCS457: *Public and Community Health*
HCS350: *Health Care Communication*
- Initiated, facilitates, and moderates classroom discussions.
- Evaluated and grade students' class work, assignments, and papers.

PUBLIC HEALTH PROFESSIONAL EXPERIENCE

RIVERSIDE UNIVERSITY HEALTH SYSTEM – PUBLIC HEALTH

Riverside, CA

Epidemiologist

10/2014 – Present

- Process and Analyze COVID-19 data for public use and policy decision-making
- Performance Management & Quality Improvement Coordinator
- Design applications for new data collection
- Assess risk of possible communicable disease hazards or epidemics
- Interpret data and make recommendations for procedure based upon assessments.
- Conducts surveillance of diseases and other health conditions
- Designs, conducts, analyzes, and reports on disease levels or risk levels in the community.
- Design and participate in epidemiological studies.
- Analyze large data sets using SPSS.
- Review and monitor local data to identify possible trends, locations, and populations at risk.
- Provide consultation with staff on data issues.
- Prepare and publish Health Briefs and Reports such as Community Health Profile
- Present at conferences such as APHA on Epidemiology studies
- Work with student interns on analyzing data, preparing reports, abstracts and poster presentations
- Work with and mentor interns for local universities/Thesis committee member for Graduate Students(CBU)

PUBLIC HEALTH PROFESSIONAL EXPERIENCE

RIVERSIDE COUNTY DEPARTMENT OF MENTAL HEALTH

Riverside, CA

Research Specialist for Prevention and Early Intervention Programs

06/2008 – 10/2014

- Manages the evaluation process for 10 Prevention and Early Intervention Programs
- Communicates consistently with program managers and program staff to ensure adherence to evaluation protocols
- Troubleshoot and solve problems quickly, sometimes with little available information
- Diplomatically resolve conflicts or differences that sometimes occur among program contractors
- Provides quarterly assessments of programs to ensure program goals are met
- Provide assessment reports to program managers along with recommendations to achieve program goals.
- Trains program staff on program evaluation procedures
- Supervises Office Assistants, Student Interns and Research Analysts in the Research and Program Evaluation Process
- Designs, implements and interpret findings of Mental Health Prevention and Early Intervention programs
- Identifies and oversees preparation of study tools and protocols
- Prepares and presents progress reports to stakeholders
- Monitors data collection and data editing for mental health and/or substance abuse research
- Initiates research and statistical investigations in the areas of behavioral health, program planning and evaluation
- Coordinates with staff and outside agencies to obtain data
- Designs, organizes and develops research plans and evaluation designs
- Defines study populations and sample selection criteria; conducts surveys and interviews; administers questionnaires; collects and analyzes baseline and administrative data; performs random assignment of study subjects
- Advises administrators of research findings and/or procedures; prepares narrative reports of findings with valid conclusions, trends and program impacts
- Conducts research to identify needs for new programs; identifies appropriate sources of funding to support new programs and prepares funding applications

ORANGE COUNTY HEALTH CARE AGENCY

Santa Ana, CA

Epidemiologist/ Influenza-Like Illness Coordinator

4/2007 - 6/2008

- Conducted surveillance of diseases and other health conditions; and report on disease levels or risk levels in the community
- Assisted in the design, implementation and operation of data systems for the monitoring of disease and other health conditions status and trends
- Designed database for monitoring and analyzing of communicable diseases
- Analyzed large data sets using SPSS
- Reviewed and monitored local data to identify possible trends, locations, and populations at risk.
- Processed data to organize and display a wide variety of complex statistics
- Developed and maintained a communicable disease database for collecting and analyzing data
- Investigated food borne and communicable disease illness outbreaks
- Stayed abreast of medical terminology related to foodborne illness outbreaks and Influenza
- Wrote and submitted detailed unpublished outbreak reports to the County's Records Department.
- Coordinated Influenza-Like Illness (ILI) Monitoring Program among health care providers within Orange County
- Acted as a liaison between the ILI providers and the California State Department of Health
- Collaborated with doctors and nurses on the diagnosis of various communicable and infectious diseases
- Prepared and distributed weekly morbidity/mortality reports and annual ILI activity reports
- Prepared and distributed Influenza newsletter
- Prepared other reports as requested by supervisor

PUBLIC HEALTH PROFESSIONAL EXPERIENCE

COLUMBUS PUBLIC HEALTH

Columbus, OH

Epidemiologist/Columbus and Metropolitan Medical Response System (CMMRS) Coordinator

9/2002 – 3/2007

- Developed, implemented and maintained the local (Columbus and Franklin County) Emergency Response System
- Coordinated CMMRS meetings and collaborated with local emergency response agencies to sustain local emergency response planning.
- Developed, coordinated and exercised emergency response and recovery plans in cooperation with local, state, and federal response partners
- Wrote and submitted grant applications
- Ensured grant deliverables were complete; wrote and submitted monthly, quarterly and annual reports to grant funders including the Ohio Emergency Management Agency, the Centers for Disease Control and Prevention, and the Department of Health & Homeland Security
- Negotiated contracts with governmental agencies, non-profit organizations and outside vendors
- Conducted training initiatives identified by the Office of Emergency Preparedness and the Columbus & Metropolitan Medical Response System

ACADEMIC PROFILE

- ▶ **Doctor of Public Health** - emphasis in Epidemiology, Capella University, Minneapolis, MN
 - **Dissertation Title: Evaluation of an Early Intervention Program for Children (Aged 0 - 6) With Disabilities in a Caribbean Country From a Parent Perspective**
- ▶ **Masters in Public Health** – emphasis in Epidemiology, Minor in Health Behavior and Health Promotion, Ohio State University, Columbus, OH
 - **Thesis Title: Neurobehavioral Effects of Organophosphates on Children**
- ▶ **Bachelor of Science, Biology, 1997**, City University of the City College of New York

PROFESSIONAL MEMBERSHIP/AWARD

- Purdue University Online Teaching Excellence Award, 2020 -
- American Public Health Association (APHA)
- California Conference of Local Health Data Managers and Epidemiologists (Treasurer)

PRESENTATION

Overdose and Opioid Deaths in Riverside County, CA
 American Public Health Association
 146th Annual Meeting & Expo
 Sunday November 11th, 2018
 San Diego, CA
 Session 2095.0

Illustrating Linkages between Schools and Programs of Public Health and Health Departments
 American Public Health Association
 145th Annual Meeting & Expo
 November 6, 2017
 Denver, Colorado
 Session 31550.0

Risk factors for “late-to-test” HIV diagnosis in Riverside County, CA
 American Public Health Association
 144th Annual Meeting & Expo
 Monday October 31, 2016
 Denver, Colorado
 Session 3341.2

PUBLICATIONS

Gardner, A.T., Napier, R., Brown, B. (2016). Risk factors for "late-to-test" HIV diagnosis in Riverside County, California. *Medicine* 95(39):e5021. doi: 10.1097/MD.00000000000005021.

Non-refereed Publications

Napier, R. (2018). Opioid-Related ED Visits and Hospitalizations in Riverside County, CA: Riverside County Department of Public Health, Epidemiology and Program Evaluation.

Napier, R. (2018). Overdose and Opioid Deaths in Riverside County, CA: Riverside County Department of Public Health, Epidemiology and Program Evaluation.

Napier, R. (2016). Overdose Incidence Among Youth, Riverside County, 2008-2014. Riverside University Health System—Public Health, Epidemiology Program Evaluation.

Napier, R. (2015). Childhood Obesity and the Built Environment, 2015. Riverside University Health System—Public Health, Epidemiology Program Evaluation.

Napier, R. (2015). Diabetes in Older Adults, Riverside, CA: Riverside County Department of Public Health, Epidemiology and Program Evaluation.