

Welcome!

**Picture
yourself here
in our
building...**



Agenda

- Introduction of Education Team
- Educational Mission
- Student Services and Student Life
- Faculty Panel
- Current Student/Alumni Panel
- Degree Programs with Q&A (Breakout Sessions)

Epidemiology Education Team

Vice Chair for Education

Samar R. El Khoudary, PhD, MPH, BPharm, Associate Professor

Cardiovascular & Diabetes Epidemiology; Clinical Trials & Methods; Obesity & Nutritional Epidemiology; Women's Health Epidemiology

Director, Doctoral Degree Program

Tina Costacou, PhD, MSc, Associate Professor

Diabetes Epidemiology; Reproductive Health of Women with Diabetes; Nutrition Epidemiology

Director, Master's Degree Programs

Nancy W. Glynn, PhD, MEd, Associate Professor

Aging Epidemiology; Prevention, Lifestyle & Physical Activity Epidemiology

Director, Bachelor Degree Program

Thomas J. Songer, PhD, MPH, MSc, Assistant Professor

Applied Public Health Epidemiology; Injury Prevention Epidemiology

Student Services Manager & Program Administrator

Lori S. Smith, BA

Student Services Specialists: Amy L. Rhodes, MEd and Gina Tagliaferri, MS

Research Assistant to Faculty: Wendy Frankle, MS

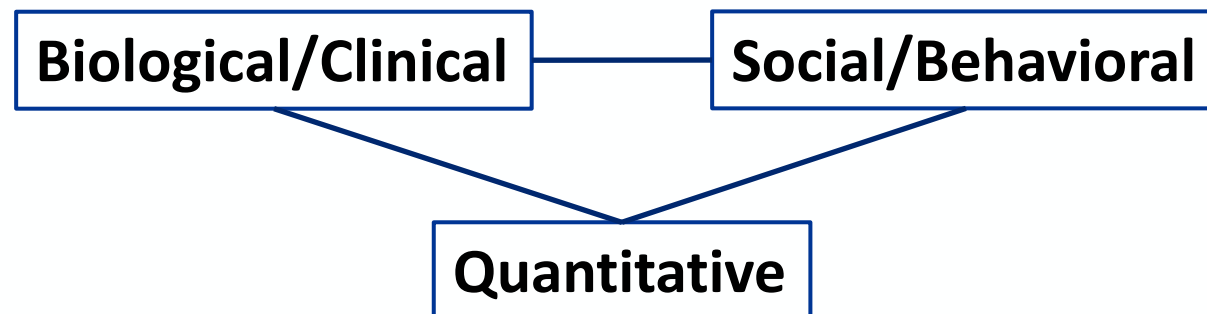
Educational Program

- **Students:**

- 144 Active Students (as of January 2022)
 - 75 MPH and 5 MS
 - 62 PhD and 2 DrPH

- **Mission:**

Prepare the next generation of public health leaders through rigorous educational programs



Departmental Faculty

- Faculty
 - 42 primary faculty
 - 8 emeritus faculty
 - 33 secondary faculty
 - 12 adjunct faculty
- Grants
 - 113 active grants
 - 15 new grants, \$108 million in FY 2021
- Manuscripts
 - 450-500 published annually

Major Research Areas

Population to bench

- **Reproductive Health**
 - Ideal weight gain in pregnancy
 - Causal inference methods in clinical trials
 - CVD risk and social determinants of birth outcomes
 - Pelvic Inflammatory disease – novel pathogens
- **Cancer**
 - Fatty liver and hepatocellular cancer
 - Microbiome and pancreatic cancer
 - Screening - lung and colon cancer
 - Diet and chemoprevention
- **Cardiovascular Disease**
 - Vascular contributions to dementia
 - Menopausal transition, lipids, and vascular disease
 - Transfusion after MI
 - Subclinical vascular disease
- **Diabetes, Obesity**
 - Pittsburgh Epidemiology of Diabetes Complications Study
 - Diabetes Complications Trial
 - Lifestyle – novel methods and community intervention
 - Bariatric surgery outcomes
- **Injury**
 - Trauma and emergency care
 - Head injury in kids
 - Trauma Coagulopathy
- **Infectious Disease**
 - Geotemporal and genetic monitoring
 - Hepatitis B Network
 - HIV/TB control in Africa
 - Infectious Disease Modeling
 - Flu and COVID-19 surveillance
- **Neuroepidemiology**
 - Dopamine signaling and mobility
 - Brain and environmental navigation
 - Alzheimer's disease
- **Environmental Health**
 - Air Pollution and asthma
 - Environmental toxins in early pregnancy
 - PaDOH – fracking and childhood cancer
- **Aging and Longevity**
 - Menopause: long term impact
 - Family Study of Longevity: Multi-omics
 - Muscle aging, body composition and disability
 - Targeting Aging with Metformin (TAME) - clinical trial

Local to global

Student Services & Student Life

Mission: Communications, connections, support

- Personalized, student-centered team approach
- Strategic operational process guidance enables students to focus on academics, career goals and enrichment activities

- EPI Gives Back
- Student Liaison Committee
- Fostering Opportunities to Recognize, Welcome, and Advance Racially Diverse Students (FORWARDS)
- Student Public Health Epidemic Response Effort (SPHERE)
- Global Health Student Association (GHSA)
- Doctoral Student Organization (DSO)
- School-wide and Departmental Committees



Department of Epidemiology Faculty 2022



Faculty Panel

Ashley Hill, DrPH, MPH, Assistant Professor

Areas of Emphasis: *Reproductive Epidemiology; Social Epidemiology*

Jean Nachega, MD, PhD, MPH, Associate Professor

Areas of Emphasis: *Infectious Disease Epidemiology*

Adam Santanasto, PhD, MPH, Assistant Professor

Areas of Emphasis: *Aging; Molecular & Genetic Epidemiology*

Beth Shaaban, PhD, MPH, Assistant Professor

Areas of Emphasis: *Neuroepidemiology; Population Neuroscience*

Current Student/Alumni Panel

Ruel Beresford (December 2022, expected) – *1st year MPH student*

Natalie Suder Egnot, DrPH, MPH ('14 IDM; '17) – *Senior Supervising Health Scientist, Stantec*

Nathan Raabe (April 2022, expected) – *2nd year Accelerated 4+1 MPH; Matriculating into PhD program*

Ashley Sier, MPH ('18) – *Epidemiologist, TTI Health Research & Economics*

Ashley Simenson, MPH ('19) – *2nd year Medical Student, University of Florida*

Curtis Tilves, PhD, MS ('17, '20) – *Post-Doctoral Fellow, Molecular Epidemiology, Johns Hopkins University Bloomberg School of Public Health*

Mary Winger, PhD, MPH ('14, '20) – *Strategy Consultant, UPMC Insurance Services Division, Department of Health Economics*

Why choose us....

- Student networks
 - Long-term connections with fellow classmates
 - Collegial student body
 - Community environment
- Quality of program
 - Instruction
 - Mentorship
 - Research Opportunities
- Jobs
 - Prepared for the workforce
 - Alumni connections



Master's and Doctoral Degree Programs Breakout Sessions



Next Steps

- PhD Applicants
 - Proceed to Breakout Room #1 for your session with Dr. Costacou and Lori Smith
- Master's Applicants
 - Stay in Main Room; will be directed to Breakouts with current students/alumni

All applicants can leave the meeting directly from a breakout room. You do not have to return to the main room unless you would like to ask us a question!

Next Main Session: 1:30pm – Connect with Students

Master's Degree Programs

Curricula

MPH – 45 credits

21 PPH; 15-17 Epi Core; 9-11 Electives

Internship (200 hrs) & Essay

MS – 45 credits

3 PPH; 28-32 Epi Core; 10-14 Electives

Thesis – original research, 2 oral exams

Degree programs can be completed in 3 or more terms

Collaboration

Faculty and Student Interaction - Departmental Seminar; Dean's Day; Epi Gives Back

Internships/Research - Domestic and International

Student Jobs

Culmination

Our students are difference makers and get top quality jobs

- Recipients of Centers for Disease Control/CSTE and Presidential Management Fellows
- Key positions in State and County Health Departments
- Top researchers at NIH, CDC, FDA, American Red Cross, etc.
- Analysts at influential public and private sector industries including pharma and health plans
- Doctoral programs, medical school, dental school

Master's Program Breakout Rooms

Room #2: Current Students

Ruel Beresford (1st year MPH); Harika Dyer (1st year MPH);
Nathan Raabe (2nd year MPH 4+1)

Room #3: Alumni

Alexa Meinhardt, MPH, CPH ('19, Epidemiologist, Delaware Department of Health);
Ashley Sier, MPH ('18, Epidemiologist, TTI Health Research & Economics)

Room #4: Alumni

Mya Brady, MPH ('21, UPMC Infection Prevention);
Amina Chtourou, MPH ('21, Presidential Management Fellow)

Room #5: Alumni

Erica Fan, MPH ('20, Research Analyst; Pitt MD/PhD program Fall 2022)
Ashley Simenson, MPH ('19, 2nd year medical student University of Florida)