# Master of Public Health Student Handbook

2023-2024



# College of Public Health & Health Professions UNIVERSITY of FLORIDA

**Master of Public Health Program** 

HPNP BLDG • 1225 Center Drive • Gainesville, FL 32610-0195





# TABLE OF CONTENTS

Section	Pages	Section	Pages
WELCOME  ■ Key Contacts for MPH Students	4 - 6	■ Concentration Overview & Competencies ■ Faculty ■ Curriculum ■ Sample Plan of Study	47 - 51
COLLEGE OVERVIEW  ■ PHHP Guiding Statements ■ Organizational Structure ■ Administrative Units ■ Academic Programs	7 - 10	POPULATION HEALTH MANAGEMENT CONCENTRATION  Concentration Overview & Competencies Faculty Curriculum Sample Plan of Study – in-person classes Sample Plan of Study – online classes	52 - 57
<ul> <li>PUBLIC HEALTH PROGRAM OVERVIEW</li> <li>How the MPH Program Works</li> <li>MPH Program Requirements</li> <li>MPH Core Competencies</li> <li>Faculty Advisor &amp; Mentor</li> <li>Applied Practice Experience</li> <li>MPH Capstone Project</li> <li>Certified in Public Health Exam</li> </ul>	11 - 23	<ul> <li>SOCIAL &amp; BEHAVIORAL SCIENCE CONCENTRATION</li> <li>Concentration Overview &amp; Competencies</li> <li>Faculty</li> <li>Campus SBS Curriculum</li> <li>Sample Plan of Study - campus</li> <li>Online SBS Curriculum</li> <li>Sample Plan of Study - online</li> </ul>	58 -64
PROGRAM POLICIES & REMINDERS  Policy on Undergraduate Courses Requirements of Satisfactory Progress Leave of Absence and Readmission Establishing Florida Residency MPH Tuition & Expenses Request for Change of Faculty Advisor MPH Concentration Change Procedures Important Reminders Student Honor Code and Conduct Code Principles of Ethical Practice in PH	24 - 35	<ul> <li>PUBLIC HEALTH PRACTICE CONCENTRATION</li> <li>Concentration Overview &amp; Competencies</li> <li>Faculty</li> <li>Campus MPH Curriculum</li> <li>Accepted Courses for MPH Combination Degree Programs</li> <li>Online MPH Curriculum</li> <li>Sample Plan of Study - Traditional Campus</li> <li>Sample Plan of Study - DVM/MPH</li> </ul>	65 - 73
<ul> <li>MPH COURSES &amp; PLAN OF STUDY OVERVIEW</li> <li>Academic Advisor Assignments</li> <li>Changing the Plan of Study</li> </ul>	37	PREPARING TO GRADUATE	74
BIOSTATISTICS CONCENTRATION  Concentration Overview & Competencies Faculty Curriculum Sample Plan of Study	38 - 42	CAMPUS FACILITIES	75- 78
<ul> <li>ENVIRONMENTAL HEALTH CONCENTRATION</li> <li>Concentration Overview &amp; Competencies</li> <li>Faculty</li> <li>Curriculum</li> <li>Sample Plan of Study</li> </ul>	43 - 46	UF LIBRARY RESEARCH	79 - 90



1225 Center Drive PO Box 100182 Gainesville, FL 32611-0182 352-273-6745 (Phone) 352-273-6199 (Fax) www.mph.ufl.edu

### WELCOME!

Welcome to the Master of Public Health Program! Here you will develop the necessary skills to have far-reaching effects on health, especially with those most in need. Whether you choose to conquer an infectious disease, fight bioterrorism, influence health policies, or tackle disparities in access to healthcare, you will find the tools you need in Public Health! In the MPH program at UF, students are admitted into one of six concentrations — biostatistics, epidemiology, environmental health, population health management, public health practice, or social and behavioral sciences — to explore and develop your career as a leader in public health.

This *Student Handbook* has been assembled to assist you throughout your time in the program. It includes important instructions and resources you will need to successfully complete your degree requirements. Please also review the University of Florida <u>Graduate Catalog</u> and the <u>Graduate Student Handbook</u> for this academic year. The <u>UF MPH website</u> is an excellent resource where you can go to access the most current information (hint: check out the <u>Current Students</u> section!). You are responsible for completing all academic requirements by the deadline dates and times established by the University. Published information regarding these deadlines each semester is available from the program and/or the <u>UF Graduate School</u>.

Our very best wishes as you embark on this new stage of your career. We stand ready to assist you in every way we can. Please do not hesitate to consult with any of us as questions and issues arise.

Sincerely,

UF MPH Program Faculty and Staff

### **Key Contacts for MPH Students**



Julia Varnes, PhD, MPH, MCHES®
MPH Program Director, Clinical
Associate Professor
HPNP, Room 4133
352-294-5382
jvarnes@ufl.edu



Telisha Martin, MA, MHSE Associate Director & Senior Academic Advisor\* HPNP, Room 4132 352-273-6444 martints@phhp.ufl.edu



Karina Wilson, MPH
Applied Practice Experience &
Outreach Coordinator
HPNP, Room 4119
352-294-5425
karinawilson23@phhp.ufl.edu



Andre McFadden II
Academic Advisor\*
HPNP, Room 4138
352-273-7036
andre2011@phhp.ufl.edu



Brittany Gibson, MS, CHES®
Admissions & Recruitment
Coordinator
HPNP, Room 4119
352-273-5634
brittanygibson@phhp.ufl.edu

<sup>\*</sup>Please see Academic Advisor Assignments to check for your Academic Advisor.

Other Key Contacts			
Financial Affairs Contact	Vincent Wilson-McCoy HPNP, Student Services Suite 352-273-6115 Sfa-hp@mail.ufl.edu		
Biostatistics Concentration Coordinator	Robert Parker, PhD Clinical Assistant Professor 5219 CTRB 352-394-5906 Rlp176@ufl.edu		
Environmental Health Concentration Coordinator	Song Liang, PhD Associate Professor Emerging Pathogens Institute, Room 114 352-273-9203 songliang@ufl.edu		
Epidemiology Concentration Coordinator	Jerne Shapiro, MPH Instructional Assistant Professor CTRB, Room 4260 352-273-6861 shapiroj@.ufl.edu		
Population Health Management Concentration Coordinator	Ara Jo, PhD Clinical Assistant Professor HPNP, Room 3116 352-273-6539 ara13j@phhp.ufl.edu		
Public Health Practice – DVM/MPH Faculty Advisor	Traci Krueger, DVM, MPH Affiliate Faculty kruegert@ufl.edu		
Public Health Practice – Campus Concentration Coordinator	Julia R. Varnes, PhD, MPH, MCHES®  MPH Program Director  Clinical Associate Professor  HPNP, Room 4133  352-294-5382  irvarnes@ufl.edu		
Public Health Practice – Online Concentration Coordinator	Gaia Zori, PhD, MPH, CHES®  Clinical Assistant Professor  HPNP, Room 4135  352-294-5772  gaia.zori@phhp.ufl.edu		
Social & Behavioral Sciences Concentration Coordinator	Gaia Zori, PhD, MPH, CHES® Clinical Assistant Professor HPNP, Room 4135 352-294-5772 gaia.zori@phhp.ufl.edu		

### **COLLEGE OVERVIEW**

The Master of Public Health Program is offered by the College of Public Health and Health Professions (PHHP), one of six colleges that comprise the University of Florida Health Science Center (HSC). The other HSC colleges are Dentistry, Medicine, Nursing, Pharmacy, and Veterinary Medicine. Established in 1958, the College was the first of its type in the United States dedicated to educating students of many different health professions in an academic health center. In 2003, the College expanded beyond its original focus on health professions to embrace public health as integral to its mission and goals. We envision our long history of national leadership in the education of health professionals to continue far into the future through development and application of innovative models of education, research, and service that derive from collaboration among public health disciplines and the health professions.

### **PHHP Guiding Statements**

### Purpose

Advance and integrate education, research, and service to meet ongoing and emerging local, regional, and global health challenges.

### Mission

We shape tomorrow's public health and health professionals through dynamic and responsive educational programs, transformational research, groundbreaking discoveries, and equitable health-related service. Our collaborations within the College and beyond advance the breadth of knowledge, the quality of science, and the attainment of professional distinction.

### Vision

We will excel in developing and delivering innovative, sustainable solutions to pressing health-related challenges for the greater good of individuals and communities in Florida, the nation, and the world.

### PHHP Values

- Collaboration
- Diversity & Inclusion
- Excellence
- Integrity
- Respect
- Social Responsibility
- Wellness

### Strategic plan

College of Public Health and Health Professions strategic plan presentation

### Organizational Structure

The College is comprised of the dean's office, eight departments, and nine centers and institutes. The Master of Public Health program is one of three contributive programs in the college (the other two are the Bachelor of Health Science and the Bachelor of Public Health). PHHP's contributive programs, which includes the MPH Program, fall under the purview of the Associate Dean for Educational Affairs.

The MPH program is unique in that it is administered at the college level in collaboration with the departments of Biostatistics; Environmental and Global Health; Epidemiology; and Health Services Research, Management and Policy; as well as the Social and Behavioral Sciences program. MPH students have both the identity of being in the MPH program as well as a student within their department or concentration.

### **PHHP Deans**



# Administrative Units

Department	Key Contacts	Phone Number
Department of Biostatistics	Chair: Peihua Qiu, PhD	294-5911
Oversees biostatistics concentration in the MPH program; offers MS and PhD in Biostatistics	MPH – Biostatistics Concentration Coordinator: Robert Parker, PhD	294-5906
Department of Environmental & Global Health Oversees environmental health	Chair: Tara Sabo-Attwood, PhD	294-5293
concentration in the MPH program; offers MHS in One Health, PhD in Public Health (One Health), and PhD in Public Health (Environmental Health)	MPH – Environmental & Global Health Concentration Coordinator: Song Liang, PhD	273-9203
Department of Epidemiology Oversees epidemiology concentration in the MPH program; offers MS and PhD in Epidemiology	Chair: Stephen Kimmel, MD, MSCE	273-5468
	MPH – Epidemiology Concentration Coordinator: Jerne Shapiro, MPH	273-6861
Department of Health Services Research, Management & Policy Oversees Population Health	Chair: Lee Revere, PhD. MS	273-6377
Management concentration in the MPH program; offers MHA and PhD in Public Health (Health Services Research)	MPH – Population Health Management Concentration Coordinator: Ara Jo, PhD, MS	273-6539
Social & Behavioral Sciences Concentration Oversees Social & Behavioral Sciences concentration in the MPH program; offers PhD in Public Health (Social & Behavioral Sciences)	MPH – Social & Behavioral Sciences Concentration Coordinator: Gaia Zori, PhD, MPH, CHES®	294-5772

# **Academic Programs**

The College's commitment to improvements in all aspects of health is reflected in the variety of bachelor's, master's, and doctoral programs available.

Bachelor's Programs	Degree
Health Science, Communication Sciences and	Bachelor of Health Science (BHS)
Disorders	
Health Science, Health Science track	Bachelor of Health Science (BHS)
Health Science, Pre-OT track	Bachelor of Health Science (BHS)
Public Health	Bachelor of Public Health (BPH)
Master's Programs	Degree
Biostatistics (campus & online)	Master of Science (MS)
Epidemiology	Master of Science (MS)
One Health (campus & online)	Master of Health Science (MHS)
Health Administration	Master of Health Administration (MHA)
Communication Sciences and Disorders	Master of Arts (MA)
Occupational Therapy	Master of Occupational Therapy (MOT)
Public Health	Master of Public Health (MPH)
Concentrations:	, ,
Biostatistics	
Environmental Health	
Epidemiology	
Population Health Management (fully online option)	
Public Health Practice (campus & online)	
<ul> <li>Social &amp; Behavioral Science (campus &amp; online)</li> </ul>	
Social & Behavioral Science (campus & online)     Doctoral Programs	Degree
	Doctor of Audiology (AuD)
Doctoral Programs  Audiology  Occupational Therapy	
Doctoral Programs Audiology	Doctor of Audiology (AuD)
Doctoral Programs  Audiology  Occupational Therapy	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)
Doctoral Programs Audiology Occupational Therapy Biostatistics	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health Concentrations:	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health Concentrations: • Environmental and Global Health	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Doctoral Programs  Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health Concentrations:  • Environmental and Global Health • Health Services Research	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health Concentrations:  • Environmental and Global Health • Health Services Research • One Health	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health Concentrations:  • Environmental and Global Health • Health Services Research • One Health • Social and Behavioral Sciences	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health Concentrations:  • Environmental and Global Health • Health Services Research • One Health • Social and Behavioral Sciences Physical Therapy Rehabilitation Science Speech-Language Pathology & Audiology	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)  Doctor of Physical Therapy (DPT)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health Concentrations:  • Environmental and Global Health • Health Services Research • One Health • Social and Behavioral Sciences Physical Therapy Rehabilitation Science Speech-Language Pathology & Audiology Graduate Certificate Pr	Doctor of Audiology (AuD)  Doctor of Occupational Therapy (OTD)  Doctor of Philosophy (PhD)  Doctor of Physical Therapy (DPT)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health Concentrations:  • Environmental and Global Health • Health Services Research • One Health • Social and Behavioral Sciences Physical Therapy Rehabilitation Science Speech-Language Pathology & Audiology  Graduate Certificate Potential	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Physical Therapy (DPT) Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Tograms
Audiology Occupational Therapy Biostatistics Clinical and Health Psychology Communication Sciences and Disorders Epidemiology Public Health Concentrations:  • Environmental and Global Health • Health Services Research • One Health • Social and Behavioral Sciences Physical Therapy Rehabilitation Science Speech-Language Pathology & Audiology Graduate Certificate Pr	Doctor of Audiology (AuD) Doctor of Occupational Therapy (OTD) Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD)  Doctor of Philosophy (PhD) Doctor of Philosophy (PhD)  Tograms  Sconline)

### PUBLIC HEALTH PROGRAM OVERVIEW

The MPH Program is administered at the college level, while the MPH concentrations are housed in the departments of Biostatistics; Environmental and Global Health; Epidemiology; and Health Services Research, Management and Policy; as well as the Social and Behavioral Sciences Program. MPH students have both the identity of being in the MPH program as well as a student within their department or concentration.

MPH students declare a concentration area when they apply to the MPH program. Upon enrollment, students track through their concentration area. Each concentration has a coordinator who serves as the liaison between that concentration and the MPH program and is responsible for applying program policies in the concentration. Each student is assigned a faculty advisor/mentor from their concentration who serves as a professional mentor for students, providing individual guidance and advice. The timing of these assignments varies by student type and modality. Please see the Faculty Advisor Mentor section of this handbook for more information.

Using their plans of study created with their Academic Advisor, students in the MPH program self-register via one.ufl.edu. Students with difficulty registering should contact AskMPH@phhp.ufl.edu. Starting on the first day of each semester, students will use the <a href="UF eLearning System Canvas to access their courses">UF eLearning System Canvas to access their courses</a>. (Note: courses do not open until the first day of each semester.)

### How the MPH Program Works

The MPH program is offered in multiple different formats (see the *MPH Program Formats* table on the following page). All students will complete either the traditional 48-credit MPH program, or the accelerated 42-credit MPH (only for qualified health professionals with terminal degrees). The MPH program also has combination programs with other bachelors, masters, and doctoral degrees on UF campus.

In each format, students may concentrate in one of the five core areas of public health: biostatistics, environmental health, epidemiology, population health management, and social and behavioral sciences. A sixth concentration in public health practice is an option for students who meet one of the following criteria:

- Significant health-related work experience
- Significant work experience outside of public health, but with a need to apply public health concepts in their current position
- Advanced health or health-related degree
- Concurrently completing a terminal degree program

The MPH curricula have been designed to meet current developments in the field of public health, the Council on Education for Public Health (CEPH, 2021) accreditation criteria, and the College's mission, goals, and objectives. No matter their program, all students obtain a broad knowledge base of public health issues and perspectives through the core courses. All students attain depth in specialized public health knowledge and skills through their concentration (concentration-specific requirements are listed under each concentration in this handbook). The concepts presented in the program are integrated and assimilated through applied practice experiences (APEs) and an integrative learning experience (ILE; or Capstone) at the end of the program. For program requirement details, refer to the MPH Program Requirements starting on *page 13*.

MPH Program Formats			
Traditional 48- credit hour MPH program	<ul> <li>Five public health core courses (15 credits)</li> <li>Core courses in an area of concentration (12-15 credits)</li> <li>Elective courses relevant to the concentration and individual career goals (12-15 credits)</li> </ul>		
42-credit accelerated MPH program	Designed for working professionals who have a terminal degree in the health science field; and it may be completed on either a full- or part-time basis. All accelerated students must complete:  • 15 credits of core public health course work  • 12-18 credits in a concentration area  • 3-credits of PHC6941 APE  • 3-credit of PHC6940 Capstone		
Combination professional/MPH programs	Combination professional programs between the MPH and the MD, DVM, PharmD, and JD degrees involve the sharing of up to 12 credits (of the required 48 for the MPH), so the amount of time required is less than it would be if the two programs were pursued separately. Students must apply to, and be accepted by, each program separately. All MPH and concentration core courses are required, as well as an APE. These programs, with admission criteria, curricula, and courses approved for sharing, are described on the Combination degrees page of the MPH Website.		
Non-traditional and concurrent programs	Non-traditional and concurrent programs between the MPH and other graduate degrees are developed on an individual basis. UF allows no more than nine credits of coursework from a previous master's degree or current masters or PhD degree to be applied to a second graduate degree. When the MPH is the second degree, students work with the program advisors to identify the courses in the primary program that will be acceptable as electives in the MPH program.  As in the case of joint programs, students pursue the 48-credit MPH and are required to complete MPH and concentration core courses, the capstone, as well as the applied practice experiences. Programs in this category have also been shared with other graduate programs in Clinical Health Psychology, Rehabilitation Science, Journalism, Pharmacy, Veterinary Sciences, Anthropology, Sociology and others. For more information, reach out to the Associate Director.		
Combination bachelor's to master's MPH degree	The combination bachelor's to master's MPH degree is designed for upper-division undergraduate students at the University of Florida. Students in a combination program complete a prescribed sequence of 15 credit hours of graduate level public health course work during their undergraduate senior year. These credits may count toward both the bachelor's program and the MPH. Ideally, these courses replace 15 credits of required college and/or general electives as allowed by the student's bachelor's program. To accrue the 15 credit hours, students complete a mix of public health foundation and concentration core courses according to their chosen concentration. The remaining 33 credits required for the MPH are completed after formal acceptance to the Graduate School. Students in combined degree programs represent a variety of undergraduate majors and allowances for counting graduate credits towards the undergraduate degree will vary from one bachelor's program to another. The ideal sequence of graduate course work to be taken during undergraduate studies can be found on our Combined Bachelor's/Master's planning sheet.		

# MPH Program Requirements

Professional Series (ProSeries)	ProSeries, a series of professional development presentations, is held in the fall and spring semesters. These presentations and activities benefit students in terms of navigating an MPH career and staying informed about the MPH program processes. Participation in several of these activities is required and is monitored. All MPH students are enrolled in a Canvas course for the ProSeries. Meeting dates and times for the ProSeries are listed in Canvas.
Interprofessional Learning in Healthcare (IPLH)	IPLH is a learning experience where students collaborate across health professions to enhance the attitudes, skills, and behaviors necessary to work effectively on health care teams. The course consists of two to three modules that use team-oriented learning to promote systems thinking. Students, working on interprofessional teams, will collaboratively complete assignments associated with the three modules over the course of six weeks. All Health Science Center learners (the 6 colleges) are required to engage in interprofessional learning activities, per accreditation standards. MPH students may also use these hours toward their required public health service hours. Be on the lookout for email communication about your enrollment in this required course.
Applied Practice Experience (APE) (3-6 credits)	APE provides the opportunity for each student to apply their knowledge in the 'real world' of public health practice. Students are eligible to complete their internship and enroll in the APE course once they have completed all five public health core courses and submitted all necessary internship forms. Each student must develop, for the benefit of their APE site, at least two work products that demonstrate at least five public health competencies. Please see <i>page 15</i> for the list of public health competencies.
PHC6940 Capstone Course in Public Health (3 credits)	The Capstone course is divided into two components (and two separate Canvas sites). The first aspect is 1-credit worth of content in Public Health Leadership & Professionalism. The Canvas site for this is run by an instructor. The second aspect is 2-credits focused on completion of a Capstone Project (or integrative learning experience [ILE]). Students work with their faculty advisor-mentor to identify an appropriate cumulative project that allows the student to demonstrate their synthesis of both foundational and concentration competencies. This project serves as the basis of a formally written paper and professional presentation. The presentation serves as the final examination milestone for the MPH program. Thus, students must complete their Capstone project in their final semester of coursework, and not before completion of all core and concentration core courses.

### MPH Core Competencies

All students in the MPH Program are expected to master a set of public health competencies during their studies. The foundational competencies (listed below) are defined by the <u>Council on Education in Public Health (CEPH, 2021)</u>, the accrediting body for public health schools and programs. The concentration competencies (listed in this handbook with each respective concentration) were identified by the faculty of the College of Public Health and Health and are also consistent with CEPH accreditation standards.

### Evidence-based Approaches to Public Health

- 1. Apply epidemiological methods to settings and situations in public health practice
- 2. Select quantitative and qualitative data collection methods appropriate for a given public health context
- 3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate
- 4. Interpret results of data analysis for public health research, policy or practice

### Public Health & Health Care Systems

- 5. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings
- 6. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and systemic levels

### Planning & Management to Promote Health

- 7. Assess population needs, assets and capacities that affect communities' health
- 8. Apply awareness of cultural values and practices to the design, implementation, or critique of public health policies or programs
- 9. Design a population-based policy, program, project or intervention
- 10. Explain basic principles and tools of budget and resource management
- 11. Select methods to evaluate public health programs

### Policy in Public Health

- 12. Discuss the policy-making process, including the roles of ethics and evidence
- 13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes
- 14. Advocate for political, social or economic policies and programs that will improve health in diverse populations
- 15. Evaluate policies for their impact on public health and health equity

Continued on the next page →

### Leadership

- 16. Apply leadership and/or management principles to address a relevant issue
- 17. Apply negotiation and mediation skills to address organizational or community challenges

### Communication

- 18. Select communication strategies for different audiences and sectors
- 19. Communicate audience-appropriate public health content (i.e., non-academic, non-peer audience), both in writing and through oral presentation
- 20. Describe the importance of cultural competence in communicating public health content

### **Interprofessional Practice**

21. Integrate perspectives from other sectors and/or professions to promote and advance population health

### **Systems Thinking**

**22.** Apply systems thinking tools to visually represent a public health issue in a format other than a standard narrative

### MPH Faculty Advising & Mentor (FAM)

All MPH students are assigned a faculty member in their concentration area to serve as Faculty Advisor & Mentor (FAM). Most students will receive their FAM assignment upon matriculation into the program (or prior to their first semester of classes).

### Exceptions include:

- Combination Bachelors'/MPH degree students typically receive their FAM assignment once their graduate student status has been confirmed (after completion of the bachelor's degree).
- MPH Online students in the Public Health Practice and Social and Behavioral Sciences concentrations are assigned a FAM at least two semesters prior to the semester they are slated to complete their MPH Capstone Project.

Any student who has not been assigned a FAM but requires professional or concentrationspecific mentorship or guidance from a faculty member, should reach out to their Concentration Coordinator for support.

FAM assignments are considered permanent. If a change is needed, students must follow the procedures outlined in this handbook.

### Request for Change in FAM

Student requests for changes to the FAM must be initiated by the student.

The student must:

- 1. discuss their need with their current faculty advisor.
- 2. identify a new faculty advisor.
- 3. complete the required form securing signatures from all parties; and then
- 4. submit the form to the appropriate Concentration Coordinator and MPH Academic Advisor.

If the faculty advisor requires that a student be assigned a new faculty advisor, the change request must be initiated by the faculty member contacting the appropriate concentration coordinator.

Except in extremely rare circumstances (e.g., faculty member takes a sudden leave of absence or leaves the university), no changes will be made in the final semester of the student's program of study.

# Faculty Advisor & Mentor Role

Both the student and the FAM have a role in making the relationship a successful one.

FAM contribute to student well-being in the following ways:

- Mentor students in developing professionalism skills
- Support students as they define and work toward their professional goals

- Provide general guidance/advise on career options and/or networking
- Meet with advisees at least one time each semester, and more often in the last two semesters of the program
- Mentor the student through completion of the Capstone Project
  - Advise the student in conceptualizing and preparing to complete the capstone project
  - o Provide guidance, feedback, and evaluation of student progress during the Capstone semester
  - Provide final assessment (pass/fail) of the student's formally written capstone paper
- Work closely with the MPH program staff in all the above to ensure success of all students
- Advise the MPH Director of any issues related to the student that may impact the student's academic progress
- FAM may also:
  - Advise the student when considering changes to the established plan of study (coursework to meet graduation requirements).
  - o Give input on elective course options
  - Serve as an additional resource as students search for an internship site that matches their career goals

### PHC6941: Applied Practice Experience (APE)

The Applied Practice Experience (APE) aims to provide opportunities for our students to apply foundational public health skills and knowledge learned in the classroom to real life experiences within the field. These applied practice experiences strengthen our students' competencies in the key activities of our field.

### Enrollment

Students are required to have completed all public health core (15-credits) prior to enrollment in the APE (PHC 6941) course. Often, students take the APE course in their final semester of the program along with the Capstone (PHC 6940) course, but this may differ depending on a student's plan of study. Please contact the APE Coordinator to see if your internship meets programmatic requirements prior to submitting the internship proposal packet.

### Students can only be considered for PHC6941 enrollment if they have:

- Have completed at minimum, the 5 public health foundation course requirements
  - o PHC 6001 Principles of Epidemiology in Public Health
  - o PHC 6313 Environmental Health Concepts in Public Health
  - o HSA 6114 U.S. Health Care System
  - o PHC 6410 Psychological, Behavioral, and Social Issues in Public Health
  - PHC 6050 Statistical Methods for Health Sciences or PHC 6052 Introduction to Biostatistical Methods
- Submitted a signed internship proposal packet to the APE Coordinator, which includes the proposal form, work plan, and the preceptor's resume/CV
  - O Preceptors are work professionals at your APE site who will be overseeing your experience. Preceptors must have either a terminal degree (e.g., PhD, MD) and current, professional experience in public, OR a graduate degree and at least three years of full-time, professional experience in public health OR a BA/BS with 5+ years of public health experience.
  - o The internship proposal packet can be found on our website <u>here</u>.
- A 3.0 GPA or higher

### Course Requirements

- A minimum of 150 internship hours (can be spread across multiple semesters, see FAO question #3 for more details).
- Development of 2 portfolio products that demonstrate at least 5 public health competencies (see page 14).
- 50 public health experience (PHE) hours (48-credit MPH students only, please see table below).

### Public Health Experience (PHE) Hours

- PHE hours are any paid or unpaid experiences (excluding the MPH APE/internship) that occurs while the student is enrolled in the MPH program that can be connected to practical or applied experience in public health.
- 48-credit MPH students can complete additional hours with their internship site to count as their PHE if the 50-hour requirement is not met by the time they are enrolled in APE.
- See following for examples.

### Examples of PHEs:

- Volunteering at a public health service organization, non-profit, or event.
- Participation in a health or health education fair (e.g., as part of PHSA)
- Participation in a case study competition
- Working full time in a public health related field.
- Combined Bachelors/MPH degree students who completed a relevant service learning or internship experience, as part of their undergraduate program. Note: the experience/internship must have been completed after the student was admitted to the combined degree program.

### How do students claim these hours?

Students must complete the PHE <u>form</u> (which includes an explanation of how the experience is connected to public health) and submit it to the APE Coordinator.

ACADEMIC PROGRAM/NUMBER OF PHC 6941 CREDITS	REQUIRED PHE HOURS
Traditional MPH Program (48-credit hours) students taking 3 credits of PHC6941	50
Traditional MPH Program (48-credit hours) students taking ≥ 4 credits of PHC6941	Exempt
Accelerated MPH Program (42-credit hours)	Exempt
Combined Professional Degree Programs (e.g., MD/MPH, JD/MPH, PharmD/MPH)	Exempt
Combined Bachelors/MPH Program	Exempt under the condition that the student completed a relevant service learning or internship experience, as part of their undergraduate program. The experience <u>must</u> have been completed <u>after</u> the student was admitted to the combined degree program <b>AND</b> submitted a Public Health Experience reflection to the APE Coordinator.

### APE Frequently Asked Questions (FAQ)

### 1. Will the MPH program help me find an internship?

It is the student's responsibility to search, contact, interview with, and solidify the proposed internship plan. However, the APE Coordinator is available for consultations and sends out weekly newsletters with the latest internship postings.

### 2. Can I do my internship at my current place of employment?

We do <u>not recommend</u> that students complete their internship at their current place of employment. However, the APE Coordinator may approve an internship in settings in which students are employed, provided that certain safeguards can be established to preserve the educational quality of the learning experience.

### To consider a place of employment as an internship, students must:

- Be assigned to a different department or program and/or to a supervisor other than their employment supervisor to oversee the internship.
- Have been employed by the organization with satisfactory performance.
- Be assigned duties different from those regularly performed as an employee.
- Have assignments that are applicable to the public health core and concentration areas.
- Have assignments that offer opportunities for new experiences and learning.
- Be able to work on and develop two work products.

### 3. How long should my internship be?

The MPH program requires that students take at least 3-credits of PHC6941. One credit hour is equal to 50 hours of internship work. To satisfy the MPH program requirement, the minimum number of hours required equates to 150 hours.

If a student would like to replace one of their elective courses, they can choose to take an additional 3 credits of APE for a total of 6 APE credits. To add more credits of APE, students must request a change in their plan of study and get it approved by their academic advisor.

In addition, students may spread their internship credits across multiple semesters. For example, instead of taking 3 credits in a single semester, students can take 1 credit of PHC6941 in the Fall and then 2 credits in the Spring as long as they are able to meet the required internship hours by the end of each semester. In this case, the student would need to complete 50 hours in the Fall and 100 hours in the Spring respectively and turn in their two work products in their final APE semester.

### 4. How soon can I start my internship?

You may start your internship at any time throughout the year. However, only internship hours accrued during the enrollment of PHC6941 will only count towards the degree requirement. Anything outside of enrollment will not be considered.

### MPH Capstone Project

The Council for Education in Public Health (CEPH, 2021) requires all MPH students complete an Integrated Learning Experience (ILE), also known as the Capstone Project. The Capstone project is the student's culminating experience in which the MPH student synthesizes, integrates, and applies the skills they have acquired throughout the MPH program. The MPH student will deliver a professional presentation (typically during Public Health Day) and write a formally written paper describing their Capstone Project.

Although students register for the Capstone Course (PHC 6940) in their final semester; we encourage students to begin conceptualization and work towards the project prior to their final semester. The faculty advisor-mentor (FAM) serves as the MPH student's primary resource throughout completion of the project.

### Enrollment in PHC 6940

Students are required to have completed all public health core (15-credits) and concentration core (12-15 dependent on concentration) prior to enrollment in Capstone (PHC 6940) course. The Associate Director, after assuring all requirements are met, will enroll the student in the Capstone course. MPH students are not able to self-register for PHC 6940.

For Academic Year 2023-24, students will enroll in a 3-credit course, PHC 6940; however, the student will be placed in two separate Canvas sites. The PHC 6940 Canvas site will run as a 1-credit course in Public Health Leadership with one faculty instructor. The second Canvas site will run as a 2-credit Capstone Project course in which the student submits written drafts of the Capstone Paper and communicates with their FAM about their progress. The final grade for PHC 6940 will include the graded materials from both Canvas sites.

### Types of Projects

Projects should be specific to the student's MPH concentration, but they may take on several different structures and formats based on the specific experiences. No matter the type, it should be a substantial project that involves a question/problem/issue, review of relevant literature, application of appropriate public health methods, description of results or outcomes, discussion, and implications. Completed projects must demonstrate acquisition and synthesis of at least 2 MPH core and at least 2 concentration-specific competencies.

Examples of projects include, but are not limited to:

- Literature review
- Secondary data analysis (analysis of existing data)
- Primary data analysis (collection and analysis)
- Program evaluation
- Community needs assessment
- Program or Grant proposal
- Policy analysis
- Research Proposal

### Grading the Capstone Paper & Presentation

The FAM serves as the MPH student's primary resource throughout completion of the Capstone Project. (See <u>Faculty Advisor & Mentor Role</u> for more information.) The FAM will provide feedback on written paper drafts and will grade the Final Capstone Paper and the Presentation. Students must receive a grade of "Pass" on their Final Capstone Paper and on the Presentation in order to

graduate with their MPH degree. If a student is at risk of not passing, the FAM will notify the MPH Program so a remediation plan can be made.

### Recommended Timeline for Completion

Students are strongly encouraged to begin conceptualization of, and receive faculty advisormentor approval for, their Capstone Project in the semester (or two) prior to taking the Capstone course. Students who first begin work on their Capstone Project in the capstone semester are encouraged to focus their project on a literature review or secondary data analysis (using already available data).

The following table provides an ideal timeline for beginning and completing the Capstone project. Please note that text in <u>blue</u> indicates a required deadline.

Semester of Completion Timeline			
SPRING	SUMMER	FALL	Task to Complete
August prior to Capstone semester	January prior to Capstone semester	February prior to Capstone semester	Discuss Capstone ideas with Faculty Advisor-Mentor (FAM)
September prior	February prior	March-April prior	Finalize project idea
October prior	March prior	May prior	Send proposal to FAM for approval
November prior	Early April prior	June/July prior	Submit IRB approval (if needed)
Late December/ Early January	Late April	July/August	Ensure you are registered for PHC 6940
By Week 2 of classes		Submit FAM approved Proposal (and IRB approval) to Canvas	
Week 3-4 of classes		Submit draft introduction	
Week 5-6 of classes		Submit draft methods	
Week 7-8 of classes		Submit draft results	
Week 10	Week 9	Week 10	Complete and submit near final draft of written paper
Early to Mid-April	Week 10	Early to Mid- November	Present Capstone Project
1 week before end of Capstone Semester		Complete and submit final draft of written paper	

### Certified in Public Health Exam

On their home page, the National Board of Public Health Examiners states:

"The Certified in Public Health (CPH) credential distinguishes public health professionals at the cutting edge of an ever-evolving field. The credential – the only one of its kind for public health – demonstrates knowledge of key public health sciences, but also a commitment to the field through continuing education focused on emerging and established public health issues."

"The Certified in Public Health (CPH) exam covers the areas of knowledge relevant to contemporary public health and general principles. The examination was crafted to assess a person's knowledge of these competencies, regardless of his or her area of expertise." Currently, these include:

- General Principles
- Biostatistics
- Environmental Health Sciences
- Epidemiology
- Health Policy and Management
- Social and Behavioral Sciences
- Communication and Informatics
- Diversity and Culture
- Leadership
- Public Health Biology
- Professionalism
- Programs Planning
- Systems Thinking

The CPH credentials should be valid across all 50 states. For eligibility, the NBPHE considers any student who is enrolled in a CEPH accredited program (or in the process of applying for accreditation) eligible to sit for the exam but leaves it up to each school to determine who is eligible based on when and how their student attain the foundational competencies.

As a program we have determined eligibility by whether a student has taken or are enrolled in all 5 public health core classes. The NBPHE also allows students who have completed our certificate or who have worked in public health for 5 years with any bachelors or 3 years with any masters degree to sit for the exam also.

Those who take and pass the exam while a student in a public health program are "provisionally" certified until they actually receive their degree. Upon graduation, they are converted to fully certified.

More information on eligibility and applying for the CPH exam can be found on the NBPHE website here: <a href="https://www.nbphe.org/eligibility/">https://www.nbphe.org/eligibility/</a> (Links to an external site.).

### **Program POLICIES & General Reminders**

### **Graduate School Policy Regarding Undergraduate Courses**

The Master of Public Health is a graduate degree; thus, students are expected to take graduate-level courses. MPH students who register for undergraduate courses must ensure that the course does not conflict with a course in their graduate program. Student must also understand that undergraduate courses will not count towards their graduate degree in public health and that the cost of undergraduate courses will be charged in addition to the regular MPH block or per credit tuition.

### Requirements for Satisfactory Progress

**Grades:** The only passing grades for graduate students are A, A-, B+, B, B-, C+, C, and S. Grades of C+ and C count toward a graduate degree if an equal number of credits in courses numbered 5000 or higher have been earned with grades of B+ and A, respectively. Grade points are not given for S and U grades; S and U grades are not used to calculate grade point averages. All letter-graded graduate level courses are eligible to count toward graduate degrees are used to calculate the cumulative grade-point average.

**Incomplete Grades:** Grades of I (incomplete) received during the preceding term should be removed as soon as possible. Grades of I carry no quality points and become punitive after one term. All grades of I must be removed before a graduate degree can be awarded. See also "Financial implications of receiving an (I) grade for PHC 6941 and/or PHC 6940."

Unsatisfactory Progress or Unsatisfactory Scholarship: Any graduate student may be denied further registration if progress toward completing the program becomes unsatisfactory to the academic unit, college, or Dean of the Graduate School. Unsatisfactory scholarship is defined as failure to maintain a B average (3.00) in all work attempted. Per UF requirements to graduate, graduate students need a 3.00 GPA in their major (and in the minor if a minor is declared). Students with less than a 3.00 GPA may not hold an assistantship or fellowship.

Time limitation: Per graduate school requirements, all work (including transferred credit) counted toward the master's degree must be completed within 7 years before the degree is awarded.

### Leave of Absence and Readmission

Students who wish to take a leave of absence from their academic program for three or more consecutive terms must obtain prior written approval from their academic units. Students who wish to skip a single term will be scheduled automatically for a registration appointment for one additional term. Graduate students who do not enroll at the University for three consecutive terms, including any summer term, must reapply for admission whether to the same or a different program. Readmission, however, is not guaranteed and is subject to the availability of space at the appropriate level, college or major. Readmission applications are available online.

### Establishing Florida Residency

Residency refers to whether you are an in-state Florida resident or an out-of-state resident, and this classification determines your rate of tuition for the campus-based program. Florida residents pay less in fees per credit hour than do non-Florida residents. Online students are charged the same tuition and fee rate regardless of residency classification.

Florida state statute Section 1009.21 defines the requirements for *in-state* status. Generally a person is considered a Florida resident for the purpose of paying taxes, voting or other legal purposes after residing in the state for a designated length of time. However, state statute specifies additional requirements for a student to be classified as an in-state resident for tuition purposes. Most importantly: **living in or attending school in Florida will not, in itself, establish legal residence for tuition purposes**.

Your initial residency classification is determined soley by the Office of Admissions when you apply to the university. Failure to provide all relevant information and required documentation in the residency section of the admission application could result in a non-Florida or *out-of-state* resident classification for tuition purposes. You have until the **last day of classes in your first term** to request the Office of Admissions to re-evaluate your residency status by providing additional documentation not submitted previously.

Once you have completed your first year at UF, you can request a reclassification of your residency status, however approval is not guaranteed. You must contact the Office of the University Registrar to initiate this process. Please visit the <a href="UF Residency website">UF Residency website</a> for additional information about this process.

### **MPH Tuition & Expenses**

### Campus MPH Tuition

Tuition is assessed in two different ways, based on status. Upon enrollment, students identify their status as full-time or part-time, which establishes their billing method for the duration of the MPH program. Full-time students take 9 or more credits per semester. Part-time students take less than 9 credits per semester.

MPH tuition is affected by any tuition increases the University approves so tuition could potentially increase each fall semester. Anytime the MPH 48 credit block tuition rate increases, the MPH percredit rate will also increase. To get the MPH per credit rate, divide the block rate by 12.

### Full-time Students (Block Tuition)

Full-time students (students enrolled in 9 credits or more) are charged 4 standard (and often equal) payments in consecutive semesters, including summer. The 4 standard payments are referred to as "Block Tuition".

The 4 payments that full-time students in the 48 and 42 credit programs pay in consecutive semesters (including summer) is referred to as "Block Tuition". Students are charged a standard rate regardless of enrolled credits. Each semester, the expected block rate is displayed on the University of Florida Student Bursar's website at: <a href="http://www.fa.ufl.edu/bursar/current-students/">http://www.fa.ufl.edu/bursar/current-students/</a>.

- Click on the appropriate academic year
- Click on the appropriate fee tier
- Scroll down to the last chart...the resident and non-resident Block Tuition rate for the 48 and 42 credit Public Health Programs is displayed.

Beginning in the first semester, full-time traditional campus-based students are charged 4 consecutive block tuition payments. After the 4th payment students are no longer assessed tuition if

they take no more than 48 MPH credit hours. For example, a student that starts in a Fall semester will be billed as outlined below:

Fall (1st semester)

Spring (2<sup>nd</sup> semester)

Summer (3<sup>rd</sup> semester)

Block Tuition payment 2

Block Tuition payment 3

Fall (4<sup>th</sup> Semester) Block Tuition payment 4 (last payment)

Spring (5<sup>th</sup>/Final Semester) NO PAYMENT

The MPH block tuition rate remains the same regardless of the number of credits a student takes. For example: if, in each semester, there are two students that are both coded as Florida residents, and one takes 12 credits while the other takes 9 credits, there will be no difference in the amount of tuition they pay. Each will pay the same amount.

During the 5<sup>th</sup> no-pay semester after four blocks have been paid, financial aid is limited to living expenses. This can cause the overall amount of aid students receive to be less than the first four semesters for those who were charged block tuition. Also, if you are hired as a graduate assistant and receive a tuition waiver with your assistantship, please note that your 5<sup>th</sup> no-pay semester may affect your Gator Grad Care benefit as well.

### Part-Time and Collaborative Degree Students (Per-credit Rate)

Part-time students (students enrolled in less than 9 credits) and those in collaborative programs (combined degree, joint, concurrent, and non-traditional) are charged the MPH per-credit rate once they are enrolled as graduate MPH students. This is calculated as the MPH 48 credit block tuition rate for one semester, divided by 12. For example, if the 48-credit block tuition rate is \$7645.34, the MPH per-credit rate will be assessed as: \$7,645.34/12 = \$637.11 per credit hour.

Students that pay the MPH per credit rate pay tuition every semester they are enrolled. Unlike students paying the block rate, there is no "tuition-exempt" semester.

### Online MPH Tuition

Tuition for the fully online Social and Behavioral Sciences (SBS) and Public Health Practice (PHP) concentrations is set at a per credit rate only. There is no block tuition option. Online SBS and PHP students pay an hourly tuition rate of \$550 per credit and take classes at a pace of their choosing. They also pay each semester depending on how many credits they are registered for. The online tuition rate is the same, regardless of residency (either Florida, U.S.). *Note: online courses for the Population Health Management (PHM) concentration are charged the same as the campus-based PHM courses, so residency status will impact tuition for PHM students taking courses online.* 

All online courses are assessed an additional distance learning fee of \$35.75 per credit.

The online SBS and PHP concentrations are self-funded programs and traditionally do not accept UF EEP, UF Teaching Assistant, or State Tuition Waivers. The SBS and PHP concentrations reserve the right to allow EEP and waiver use on a case-by-case basis, depending on space. Please contact <a href="mailto:AskMPH@phhp.ufl.edu">AskMPH@phhp.ufl.edu</a> for more information.

### Additional Tuition Information

Financial Aid

Both full-time and part-time MPH students are eligible for financial aid if they are enrolled in the minimum number of credits required to receive aid.

# Situations where students can be charged more than the outlined MPH tuition rate (block and per-credit)

- If a student registers after the regular registration deadline, the University will add a \$100 late fee.
- If an MPH student who pays block tuition registers for a course in another department that is not approved in the MPH curriculum, a separate fee will be assessed for the course on top of the block tuition charge.
- If an MPH student who pays block tuition registers for credits beyond the required 48 or 42 credit programs, tuition will be assessed for the additional credits.

### Financial implications of receiving an (I) grade for PHC 6941 and/or PHC 6940

Students who receive incomplete grades in their Applied Practice Experience or Capstone course may be required to register for additional credits in the following semester to meet the graduate school's final term registration requirement. The final term registration policy requires that all students must be registered for a minimum of 3 credit hours in the Fall or Spring semester you intend to graduate or 2 credits if graduating in a summer semester. These additional credits beyond the 48 credits required for the degree are not covered under block tuition and thus students must pay for them separately.

### Additional Expenses

In addition to tuition, books, and supplies, you should anticipate the expenses listed below:

- Photo identification badges
- Laboratory fees
- Vaccinations (campus students)
- Health insurance (campus students)
- Hand-outs and materials for classes and/or presentations
- Required computer hardware and software
- Printing of materials for classes and/or presentations
- Computer printer or access to printer
- Webcam
- Headset with microphone
- Access to a video camera
- High speed Internet connection

### Request for Change of Faculty Advisor

Student requests for changes to the Faculty Advisor must be initiated by the student. The student must discuss their need with their current faculty advisor, identify a new faculty advisor, complete the required form (below) securing signatures from all parties, and then submit the form to the appropriate concentration coordinator and MPH Academic Advisor.

If the faculty advisor requires that a student be assigned a new faculty advisor, the change request must be initiated by the faculty member contacting the appropriate concentration coordinator.

Except in extremely rare circumstances (e.g., faculty member takes a sudden leave of absence or leaves the university), no changes will be made in the final semester of the student's program of study.

MPH REQU	EST FOR CHANGE IN FA	CULTY ADVISOR & MENTOR
Date:	Student Name:	
Current Faculty	Advisor & Mentor:	
Proposed New F	aculty Advisor & Mentor	
Rationale for Ch	ange:	
Signature, Faculty	/ Advisor <i>(current)</i>	Date
Faculty Advisor <i>(1</i>	new) 	Date 
Signature, Conce	ntration Coordinator <i>(current)</i>	Date

### MPH Concentration Change Procedures

Every student in the MPH program applied to and was admitted by a specific concentration, based on their interests and goals. If a student decides that they wish to complete an MPH in a different concentration, the student must be aware of the potential for <u>additional time and money</u> required to complete the MPH, given course structure and availability. Additionally, concentration changes are not guaranteed, as they are subject to review by the proposed new concentration's admissions committee as well as consideration of the proposed new concentration's resource to add to students.

The following steps should be carried out if a student wishes to complete his/her MPH in a different concentration:

- The student initiates a request with their Academic Advisor and discusses their justification for the desired change and the implications on the student's plan of study (including cost). The student is then referred to their current Concentration Coordinator (CC) and faculty advisor (FA) to inform them of their desire to switch. This is verified via signatures of the CC and FA on the Concentration Change form (next page).
- The student must return the Concentration Change form to the Associate Director along with a revised statement of purpose. The student's file is then sent to the CC in the prospective concentration and is evaluated based on that concentration's admission criteria and resource availability to support the student.
- If the change is approved, the CC for the new concentration signs the Concentration Change form and returns it to the Associate Director. The CC then assigns the student a new faculty advisor and informs the student via email.
- The Associate Director will update the student's plan of study which the student must have reviewed and signed by their new faculty advisor as soon as possible after being approved for the change.

This formal process must be adhered to because the concentration appears on the student's transcript. In general, changes in concentration will be considered at the end of the student's first semester.

	MPH CONCENTRA	ATION CHANGE FORM
Date:	Student Name:	
Current Cond	centration:	
Proposed Ne	w Concentration:	
Graduate GP	A:	Upper Div. Undergraduate GPA:
Current Facu	lty Advisor:	
New Faculty	Advisor: <i>(assigned by concent</i>	ration coordinator)
concen guidand	statement of purpose (SOP) e tration. Please review the cur ce in writing your SOP.	xplaining why you wish to change your rent application requirements on our website for s developed with your Academic Advisor).
Signature, Con	ncentration Coordinator <i>(curr</i>	ent) Date
Signature, Fac	ulty Advisor <i>(current)</i>	Date
 Signature, Con	ncentration Coordinator <i>(new</i>	) Date
Faculty Adviso (Assigned by n	or <i>(new)</i> Bew concentration coordinato	Date r)

### **Important Reminders**

### Gatorlink (email) Account

Students must have an active Gatorlink e-mail account, which is used for college and course-specific correspondence. We will not send e-mail to any other account. Do not forward your mail from an outside account (e.g., AOL, Yahoo, Gmail, etc.) to Gatorlink. You are responsible for the content of all college correspondence sent via e-mail. Set up your e-mail system so that our correspondence goes directly to the Gatorlink account.

### Identification Badges (Gator1 card)

Campus-based students must purchase a Gator1 card, which is your photo identification badge. Online students are encouraged, but not required, to purchase a card. You must have your Gator One card with you at all times in the Health Science Center/Shands Hospital complex when involved in student activities. The cost is \$15.00.

- *Instructions*: Call first to make an appointment to get your picture taken for your card. Bring your acceptance letter and picture identification with you to the appointment.
- Locations.
  - Health Science Center (HSC) ID Card Center
     Room NG-10 Communicore
     (352) 273-5044
  - o UF ID Card Center

Welcome Center Bookstore, room G071 (352) 392-8343

### HIPAA (Health Insurance Portability and Accountability Act of 1996)

All students in the College of PHHP are required to complete HIPAA online training and to sign a HIPAA Confidentiality Agreement by the first day of classes. The <u>online HIPAA training</u> is housed on the <u>UF Privacy website</u>. Instructions for completing the training are provided in the "MPH Welcome Portal." In addition, students must complete HIPAA every year they are in the program and should keep copies of their HIPAA compliance documents. Students in noncompliance will have their records flagged immediately. The College will drop all classes of students remaining in noncompliance by the end of the second week of classes. **Please note**: Even if you have completed HIPAA at another institution, such as UF Health Shands Hospital, you must repeat the online training and sign another confidentiality agreement.

### Health Requirements (Applicable to campus students only)

• IMMUNIZATIONS: In addition to University immunization requirements which include the flu vaccine, MMR, Hepatitis B, and Meningococcal, all students in the health science programs must provide proof of immunity to the chicken pox virus. Students must present medical documentation of immunization or positive titer to the Student Health Care Center. The titer test needs to be completed before the first day of the term of admission. The Student Health Care Center offers the titer test at a current cost of \$31.24. In addition, students needing to complete their Hepatitis B series can do so at the SHCC if desired. The Student Health Care Center currently offers the Hepatitis B vaccinations at a cost of \$83.16 per hepatitis shot for a total of \$249.48. (Costs are subject to change.) Please contact the Student Health Care Center (392-1161) to make an appointment.

- TUBERCULOSIS TEST: Students are required to be tested <u>annually</u> for tuberculosis (or to provide documentation from a physician that this test is contraindicated). This TB test needs to be completed by the end of the first week of fall semester classes. The Student Health Care Center offers the TB test at a cost of \$23.32 for students registered for classes. Students who are not registered for classes will also have a follow-up appointment for an additional cost of \$34.76. Please contact the Student Health Care Center (392-1161) to make an appointment.
- MANDATORY HEALTH INSURANCE: All newly admitted or re-admitted students who are enrolled at least half time\* in a degree-seeking program and are attending any campus of the University of Florida will be required to show proof of adequate health insurance as a condition of enrollment. This requirement would also apply to existing students who complete a degree and move to a new degree-seeking program (e.g., from bachelor's to master's). Students and their families are allowed to retain the freedom to purchase insurance in the marketplace or through the University-sponsored plan. More information including insurance coverage guidelines, frequently asked questions, how to submit one's insurance information and more can be found at the <a href="Health Insurance Requirement website">Health Insurance Requirement website</a>.

\* Half time is defined as 6 eligible credit hours for undergraduate students and 5 eligible credit hours (4 credit hours during summer) for graduate students including post-candidacy doctoral students. For students beginning in Summer B term, half-time is considered 3 hours; however, one must be enrolled in 6 hours to receive financial aid. This applies to both domestic and international students.

### Photographs

We ask all students to submit a current photograph, via the Welcome Portal, for your student file.

### Professionalism

Students in the MPH program are expected to exhibit professional behavior on campus, in class, during curricular events, during extracurricular events, and during applied practice experiences. Professional behavior includes, but is not limited to, arriving on time for class and staying for the entire class period; contributing to a positive learning environment; communicating respectfully with faculty, staff, students, and community members; assuming responsibility for program requirements; providing and accepting constructive feedback; adhering to the Principles of the Ethical Practice of Public Health (see Public Health Program Overview); and adhering to the Student Honor Code and Conduct Code.

Additional professionalism expectations include:

*Dress Code.* You are expected to dress in a manner appropriate to the class assignment. In general, you may dress in casual attire for class. However, you should dress professionally, when appropriate, to a site you are visiting or when meeting health representatives as part of your college activities. Please also be respectful of the diversity of our students in selecting attire.

*Cell Phones.* Audio ringers on cell phones and pagers must be DEACTIVATED before entering the classroom. Cell phone use is not permitted during class time.

*Noise.* When you are participating in live online meetings or presentations, please be sure that all ambient noise is reduced. Please turn off all televisions, radios, cell phones, etc. Ensure that those who share your space are aware of the need to maintain a quiet environment during these times.

### Tobacco

The University of Florida is a tobacco-free campus; therefore, tobacco use is prohibited in all areas of the University campus and UF Health properties.

### Bioterrorism

If you encounter a suspicious looking letter, package, or other item while on campus, please call the provided numbers (below). If it is during normal business hours or class time, please also notify the Dean's office or your instructor. Do not attempt to open or remove the material.

Director On Call	877-364-1252
nfection Control	352-265-0284
(Office hours 7:30 a.m. to 5 p.m. Monday - Friday)	

Weekends and Nights: Page 877-364-0406 for Infection Control Director or Shands Operator for Infectious Disease On-Call Physician or call 911

### The Student Conduct Code and Honor Code

### Principles and Scope

Our educational mission is to enable our students to lead and to influence the next generation and beyond for economic, cultural, and societal benefit. The University strives to protect and to guide the educational community by establishing a Student Honor Code and a Student Conduct Code. These codes and systems promote individual and social responsibility and are enforced through University Regulations by the <u>Dean of Student's Student Conduct & Conflict Resolution (SCCR) Division</u>.

By becoming a member of the University of Florida community, a Student agrees to adhere to its Student Honor Code and its Student Conduct Code. Students acting as individuals or as members of Student Organizations are expected to follow all applicable Laws and Regulations. University Regulations have been designed to promote the safety of people and the campus community, to create an environment conducive to learning, and to achieve the mission of the Institution.

### A. PRINCIPLES.

The University principles address our respect for people and property, for fairness, for Laws and Regulations, and for academic integrity. Nothing in this Regulation shall be interpreted to limit the constitutional or statutory rights of any Student, including but not limited to expressive rights protected by the First Amendment.

- 1. Respect for people and property. Students are encouraged both to conduct themselves in a manner that exemplifies respect for all people and property and to adhere to their personal values without imposing those on others.
- 2. Respect for fairness. Rules and established procedures are intended to ensure both fundamental fairness and an educational experience for Students and Student Organizations.
- 3. Respect for Laws and Regulations. Students and Student Organizations are expected to follow all applicable Laws and Regulations.
- 4. Respect for academic integrity. Academic honesty and integrity are fundamental values of the University. Students commit to holding themselves and their peers to the high standard of honor required by the Student Honor Code. Any Student who becomes aware of a violation of the Student Honor Code is encouraged to report the violation to the appropriate University Official.

### B. SCOPE.

Each Student and every Student Organization is required to abide by the Student Honor Code and the Student Conduct Code when on university-controlled property, at University sponsored events, or off campus in accordance with sections 3 and 4 of this Regulation.

The University disciplinary process is educational and designed to address Student behavior; therefore, the University will address any alleged violations of its Student Honor Code or its Student Conduct Code independently of any criminal or civil court process.

Unless otherwise noted, use of the term "Student" in this document applies both to the Student as an individual and to a Student Organization as a single entity, as applicable. The officers or the leaders of a particular Student Organization usually will be expected to represent the organization during the Student Conduct Process. A Student may be held responsible for their actions as an individual and as a member of a Student Organization.

Any question about how to interpret or apply the Student Conduct Code or Student Honor Code should be directed to the Dean of Students or designee.

### C. OFF-CAMPUS CONDUCT.

The University may apply the Student Conduct Code and Student Honor Code to Students whose conduct may have an adverse impact on the health, safety, or welfare of people, property, the University Community, or the pursuit of its objectives, regardless of where such conduct occurs, even if off campus.

The Honor Pledge: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Student Honor Code. On all work submitted for credit by Students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

A complete copy of the <u>University Honor & Conduct Code</u>, can be found through the <u>Dean of Students – Student Conflict & Conflict Resolution</u> website.

Students in the MPH program are expected to exhibit professional behavior on campus, in class, during curricular events, during extracurricular events, and during internship. (See Program Policies & Requirements.) Student Honor Code, Conduct Code, or Professional Behavior infractions will be addressed based on the severity of the infraction. Minor infractions will result in a verbal or written warning. More serious infractions, such as Student Honor Code or Student Conduct Code infractions, may result in dismissal from the program.

### Principles of Ethical Practice in Public Health

The College of Public Health and Health Professions expects that all MPH students have a comprehensive understanding of, and adhere to, the <u>Public Health Code of Ethics</u> in their academic and professional careers. The <u>Public Health Code of Ethics document</u> presents the public health core values and related obligations, guidance for ethical analysis, and ethical action guidance for policy and practice in functional domains of public health. The six core values (and related obligations) are listed below.<sup>1</sup>

- A. Professionalism and Trust. The effectiveness of public health policies, practices, and actions depends upon public trust gained through decisions based on the highest ethical, scientific, and professional standards. Public health gains public trust in part because its practices are informed by evidence. When the needed evidence is lacking, public health seeks it, and when the evidence reveals faulty or inadequate practices, public health seeks to improve those practices. At times public health practitioners must respond to a situation in the absence of complete scientific information, which highlights the importance of having an ethical framework to drive decision making. Public health practitioners and organizations promote competence, honesty, and accuracy and ensure that their work is not unduly influenced by secondary interests. Public health decision makers need to be transparent and honest about disclosing conflicting interests and influences.
- B. **Health and Safety.** Health and safety are essential conditions for human flourishing. Public health practitioners and organizations have an ethical responsibility to prevent, minimize, and mitigate health harms and to promote and protect public safety, health, and well-being.
- C. Health Justice and Equity. Human flourishing requires the resources and social conditions necessary to secure equal opportunities for the realization of health and other capabilities by individuals and communities. Public health practitioners and organizations have an ethical obligation to use their knowledge, skills, experience, and influence to promote equitable distribution of burdens, benefits, and opportunities for health, regardless of an individual's or a group's relative position in social hierarchies. Health justice and equity also extend to ensuring that public health activities do not exacerbate health inequities. In addition, health justice does not pertain only to the distribution of scarce resources in transactions among individuals; it also involves remediation of structural and institutional forms of domination that arise from inequalities related to voice, power, and wealth. It is difficult for public health to promote health justice at the transactional level if it does not take steps to promote it at the structural and institutional levels as well.
- D. Interdependence and Solidarity. The health of every individual is linked to the health of every other individual within the human community, to other living creatures, and to the integrity and functioning of environmental ecosystems. Public health practitioners and organizations have an ethical obligation to foster positive—and mitigate negative—relationships among individuals, societies, and environments in ways that protect and promote the flourishing of

 $<sup>^1</sup>$  American Public Health Association. (2019). Public Health Code of Ethics. https://www.apha.org/-/media/files/pdf/membergroups/ethics/code\_of\_ethics.ashx

- humans, communities, nonhuman animals, and the ecologies in which they live. Attention to potential intergenerational conflicts over resources can sometimes be essential.
- E. **Human Rights and Civil Liberties.** While coercive legal measures limiting behavior can be ethically justified in certain circumstances, overall, the effective and ethical practice of public health depends upon social and cultural conditions of respect for personal autonomy, self-determination, privacy, and the absence of domination in its many interpersonal and institutional forms. Contemporary public health respects and helps sustain those social and cultural conditions.
- F. Inclusivity and Engagement. Preventing adverse health outcomes and protecting and promoting the flourishing of individuals, societies, and ecosystems require informed public decision-making processes that engage affected individuals and communities. Public health practitioners and organizations have an ethical responsibility to be transparent, to be accountable to the public at large, and to include and engage diverse publics, communities, or stakeholders in their decision making.

# MPH Courses & Plan of Study Overview

Curriculum requirements and general plans of study for the 48-credit and 42-credit MPH are provided on the following pages, specific to each concentration. These plans are templates for developing individual plans of study specific to each student's needs and career goals.

All MPH students meet with their assigned Academic Advisor in their first semester to begin developing their individual plan of study. In preparation for this meeting, students should review the curriculum requirements and the available elective options. Course descriptions for <u>Campus MPH courses</u> and for <u>Online MPH courses</u> are provided on our website, as well as <u>recent syllabi</u> for all courses.

Students wishing to complete *practicum, supervised research, or internship* credits must meet with the MPH APE Coordinator and submit appropriate proposal forms with signatures before being registered.

MPH students are responsible for self-registering through <u>ONE.UF</u> and ensuring that they meet all university deadlines for course registration.

# Academic Advisor Assignments

The following students are assigned to *Mr*. *Andre McFadden II* as their academic advisor:

- Combination Bachelors/MPH students
- Students who do not fall into any other listed category and whose last name begins with letter G-Z

The following students are assigned to *Mrs. Telisha Martin* as their academic advisor:

- Combination graduate or professional degree/MPH students (i.e., DVM/MPH, MD/MPH, PharmD/MPH, JD/MPH, PhD/MPH, Other Masters/MPH, etc.)
- Students who matriculated into the program after receiving UF's Graduate Certificate in Public Health
- Students who do not fall into any other listed category and whose last name begins with letter A-F

# Changing the Plan of Study

If the student wants to consider changes to the plan of study once it has already been established and a faculty advisor has been assigned, the student should consult with their faculty advisor for guidance on how such a change will fit with their professional goals. After that, the student should contact their Academic Advisor to determine how a change will affect their progress in the program (e.g., delay of APE or graduation). If a change is agreed upon, the Academic Advisor will document the change and provide the student with a new plan of study.

# BIOSTATISTICS

### **Concentration Overview**

*Biostatistics* uses data analysis to investigate the cause of disease and injuries, as well as to identify health trends within communities. Students entering a biostatistics concentration should possess a basic knowledge in algebra and introductory statistics.

The biostatistics concentration is designed primarily for students with a previous undergraduate degree, particularly in the health sciences, who want to obtain a solid background in quantitative and analytical methods for public health research. The coursework exposes students to methodology typically used to analyze different types of public health data and gives them opportunities to apply these methodologies themselves.

Faculty in the <u>Department of Biostatistics</u> teach courses and advise students in the biostatistics concentration. The curriculum is designed to enable students to develop competence in very specific biostatistical skills. Students are required to develop basic skills in regression analysis, survival analysis, and epidemiology methods. Each biostatistics MPH student has an opportunity to take public health electives and complete his/her program of study with an Applied Practice Experience and a final Capstone course which includes a group or individual analytical project.

# **Concentration Competencies**

Upon completion of the MPH program, students with a concentration in biostatistics should have mastered the following competencies:

- 1. Apply standard probability distributions to public health outcomes
- 2. Apply and interpret common statistical descriptive and inferential methods, including confidence intervals and hypothesis tests in one-sample, two-sample, and multivariable regression settings
- 3. Build and interpret appropriate multivariate regression models to analyze public health data
- 4. Develop practical skills in using statistical software packages for data management and analysis of public health data
- 5. Develop written reports based on statistical analyses

# **Biostatistics Faculty**

Peihua Qui, PhD

Department Chair

Professor 5242 CTRB

352-294-5911 pgiu@ufl.edu

Robert Parker, PhD

MPH Concentration Coordinator

Clinical Assistant Professor

5219 CTRB 352-394-5906

Rlp176@ufl.edu

Rhonda Bacher, PhD

**Assistant Professor** 

5239 CTRB

352-294-5914

rbacher@ufl.edu

Jason O. Brant, PhD

Research Assistant Professor

**CGRC 294** 

352-273-9110

jobrant@ufl.edu

Babette Brumback, PhD

**Professor Emeritus** 

Remote

352-294-5909

brumback@ufl.edu

Li Chen, PhD

**Associate Professor** 

5211 CTRB

352-294-5909

<u>Li.chen1@ufl.edu</u>

Somnath Datta, PhD

Professor

5226 CTRB

352-294-5920

Somnath.datta@ufl.edu

Susmita Datta, PhD

Professor

5240 CTRB

352-294-5923

susmita.datta@ufl.edu

Jonathan Fischer, PhD

Clinical Assistant Professor

5223 CTRB

352-294-5770

Jfischer1@ufl.edu

Steven Foti, PhD

Clin Asst Prof & Assoc Chair of Education

**524 CTRB** 

352-294-5920

fotisf@ufl.edu

Subharup Guha, PhD

Associate Professor

5225 CTRB

352-294-5921

s.guha@ufl.edu

Matt Hitchings, PhD

**Assistant Professor** 

Duaer 455

352-294-1940

mhitchings@ufl.edu

Zhiguang Huo, PhD

Assistant Professor

5230 CTRB

352-294-5929

zhuo@ufl.edu

John Kairalla, PhD

Research Associate Professor

442 Dauer; COG 133

352-273-0574; 352-294-5918

johnkair@ufl.edu

# Ji-Hyun Lee, PhD

Professor Room 294 CGRC 352-273-9080 Jihyun.lee@ufl.edu

### Zhigang Li, PhD

Associate Professor 5234 CTRB 352-294-5915 Zhigang.li@ufl.edu

#### Muxuan Liang, PhD

Assistant Professor 5233 CTRB 352-294-5935 muxuan.liang@ufl.edu

### Ira Longini, PhD

Professor Dauer Hall, Room 452 352-294-1938 ilongini@ufl.edu

#### Xiang-Yang Lou, PhD

Research Professor 5221 CTRB 352-294-5933 xlou@ufl.edu

# Qing Lu

Professor 5233 CTRB 352-294-5928 lucieng@phhp.ufl.edu

#### Arlene Naranjo, PhD

Research Assistant Professor 6011 NW 1<sup>st</sup> Place, Room134 352-273-0577 anaranjo@cog.ufl.edu

## Qinglin Pei, PhD

Research Assistant Professor 6011 NW 1<sup>st</sup> Place; Room 135 352-273-0552 <u>qlpei@ufl.edu</u>

## Arkaprava Roy, PhD

Assistant Professor 5220 CTRB 352-294-5770 ark007@ufl.edu

# Guogen Shan, PhD

Professor 5218 CTRB 352-294-5934 gshan@ufl.edu

# Samuel Wu, PhD

Professor & Associate Chair for Research 5243 CTRB 352-294-5910 sw45@ufl.edu

#### Feifei Xiao, PhD

Associate Professor 5227 CTRB 352-294-5917 feifeixiao@ufl.edu

#### Wei Xue

Research Assistant Professor 5212 CTRB 352-294-5919 giangxue@ufl.edu

# MPH Biostatistics 48-Credit Concentration

(Accelerated 42 Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public Healt	h Core: 18 credits	Credits	*Semester			
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F			
PHC 6001	Principles of Epidemiology (blended)	3	F			
PHC 6313	Environmental Health Concepts in PH	3	F			
HSA 6114	Health Care System and Policy (blended)	3	F			
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F			
PHC 6940	Master of Public Health Capstone	3	F,S,ss			
II. Concentrat	ion Core: 12 credits	Credits	*Semester			
PHC 6053	Regression Methods for Health and Life Sciences (online)	3	S			
PHC 6059	Introduction to Applied Survival Analysis	3	F			
PHC 6089	PH Computing	3	F,S,ss			
PHC 6000	Epidemiology Research Methods I	3	S			
III. Concentra	tion Electives**: 9-12 credits (Accelerated: 6 Credits)	Credits	*Semester			
PHC 6011	Epidemiology Research Methods II	3	SS			
PHC 6022	Design and Conduct of Clinical Trials	3	F			
PHC 6251	Assessment & Surveillance in Public Health	3	SS			
PHC 6711	Measurement in Epidemiology and Outcomes Research	3	F			
PHC 6064	Survey of Advanced Biostatistical Methods for the Health Sciences	3	S			
PHC 6937	Data Visualization in Health Sciences (prereq: PHC 6052)	3	S			
PHC 6937	Causal Inference (prereq: PHC 6053 and R programming)	3	S (odd)			
STA 5503	Categorical Data Methods	3	S			
STA 5507	Applied Nonparametric Methods	3	F (odd)			
STA 5701	Applied Multivariate Methods	3	S (odd)			
STA 5325	Fundamentals of Probability (Prereq: MAC 2313)	3	F,S,ss			
STA 5328	Fundamentals of Statistical Theory (Prereq: MAC 2313)	3	F,S,ss			
PHC 6917	Supervised Research					
	(Requires approval of research supervisor, consent of faculty					
	advisor, and final approval by APE Coordinator)	1-3 Credits	F,S,ss * <b>Semester</b>			
	IV. Public Health Electives: 3-6 credits (Accelerated: 3 Credits)					
PHC Courses	Public health coursework offered by the other tracks	3	F,S,ss			
	actice Experience: 3-6 credits (Accelerated: 3 Credits)	Credits	*Semester			
PHC 6941	MPH Applied Practice Experience	3-6	F,S,ss			

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

# College of Public Health and Health Professions Student Plan of Study: Biostatistics – 48 credit

(Accelerated 42 Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

Graduate Year 1 Graduate Year 2

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		Summer Semester Total Hrs <u>6</u> credits (Accelerated: 3 Credits)				
*Inter	-professional Learning & Health Modules	Cou	ırse	Hrs	Title	
	(Assigned in first Spring Semester)	Concentration/Public Health Elective(s)				
	*See MPH Program Requirements	PHC 6251 3 Assessment & Surveillance in Public Heal (Recommended Elective)			Assessment & Surveillance in Public Health (Recommended Elective)	
				3		
er Tota	l Hrs <u>12</u> credits	Fall	Semeste	r Total	Hrs 9-12 credits (Accelerated: 9 Credits)	
Hrs	Title	Cou	ırse	Hrs	Title	
	Public Health Core	Public Health Core			Public Health Core	
3	Introduction to Biostatistical Methods	PHO	C 6313	3	Environmental Health Concepts in PH	
3	Principles of Epidemiology				Concentration Core	
3	Health Care System and Policy	PHO	PHC 6059 3 Introduction to Applied Survival Analys		Introduction to Applied Survival Analysis	
3	Psych, Soc & Behavioral Issues in Public Health			Conce	entration/Public Health Elective(s)	
				3		
				0-3		
ester T	otal Hrs 12 credits	Spr	ing Seme	ester To	otal Hrs 6-9 credits (Accelerated: 6 Credits)	
Hrs	Title	Cou	ırse	Hrs	Title	
	Concentration Core				Applied Practice Experience	
3	Epidemiology Research Methods I	PHO	C 6941	3-6	Applied Practice Experience	
3	Regression Meth for Health and Life Sciences (online)		Public Health Core			
3	Public Health Computing	PHC 6940 3 MPH Capstone			MPH Capstone	
Co	oncentration/Public Health Elective(s)					
3						
	*Inter er Tota Hrs  3 3 3 4 Ester T Hrs  3 3 CC	*Inter-professional Learning & Health Modules (Assigned in first Spring Semester)  *See MPH Program Requirements  er Total Hrs 12 credits  Hrs Title  Public Health Core  Introduction to Biostatistical Methods Principles of Epidemiology Health Care System and Policy Psych, Soc & Behavioral Issues in Public Health  ester Total Hrs 12 credits  Hrs Title  Concentration Core  Regression Meth for Health and Life Sciences (online) Regression/Public Health Elective(s)	*Inter-professional Learning & Health Modules (Assigned in first Spring Semester)  *See MPH Program Requirements  PHO  er Total Hrs 12 credits  Hrs Title  Quality Public Health Core  3 Introduction to Biostatistical Methods PHO  3 Principles of Epidemiology PHO  3 Psych, Soc & Behavioral Issues in Public Health Pester Total Hrs 12 credits  Fall  Fall  Con  Public Health Core  Seprentiation Core  A Epidemiology Research Methods I Regression Meth for Health and Life Sciences (online) Redrection Photographic Health Elective(s)	*Inter-professional Learning & Health Modules (Assigned in first Spring Semester)  *See MPH Program Requirements  PHC 6251  er Total Hrs 12 credits  Hrs Title  Public Health Core  3 Introduction to Biostatistical Methods  PHC 6313  Principles of Epidemiology  3 Health Care System and Policy  3 Psych, Soc & Behavioral Issues in Public Health  ester Total Hrs 12 credits  Fall Semester  PHC 6313  PHC 6313  PHC 6059  PHC 6059  Spring Semester  Concentration Core  3 Epidemiology Research Methods I  3 Regression Meth for Health and Life Sciences (online)  3 Public Health Computing  Concentration/Public Health Elective(s)	*Inter-professional Learning & Health Modules (Assigned in first Spring Semester)  *See MPH Program Requirements PHC 6251 3  er Total Hrs 12 credits Fall Semester Total Hrs Title Course Hrs  Public Health Core Introduction to Biostatistical Methods PHC 6313 Principles of Epidemiology Health Care System and Policy Psych, Soc & Behavioral Issues in Public Health Conce Spring Semester Total Principles of Epidemiology Bester Total Hrs 12 credits Fall Semester Total PHC 6313  PHC 6313  PHC 6059  PHC 6059  Spring Semester Total Fittle Course Fittle Course PHC 6941  Regression Meth for Health and Life Sciences (online) PHC 6940 PHC 6940  PHC 6940	

# **ENVIRONMENTAL HEALTH**

# **Concentration Overview**

Professionals trained in environmental health study the health impacts of physical, chemical, and biological agents in the environment. They learn how environmental exposures, such as microbial and chemical contamination of water, air, and foods, malnutrition, and occupational hazards, affect vulnerable populations, and means for their measurement and control.

Students interested in environmental health typically have a background in biological or physical sciences, engineering, nursing, medicine, and veterinary medicine. Prior experience in chemistry, biology, statistics, and Microsoft Excel software is desirable.

Those who graduate with an MPH in environmental health find challenging positions in federal, state, and county departments of health and environmental protection, other federal agencies, consulting and research companies, academic institutions, and industry.

The MPH in Environmental Health concentration is part of the Environmental and Global Health Department. Faculty who teach in the concentration are often affiliated with Emerging Pathogens Institute or the Center for Environmental and Human Toxicology. Some faculty members hold joint appointments in other UF Colleges, including the College of Veterinary Medicine and College of Medicine.

The MPH Environmental Health curriculum addresses a diverse range of environmental and health issues that concern individuals and communities. The curriculum is carefully structured to enable students to develop competence in specific environmental health skills.

The program offers depth in the effects of chemical exposure and biological agents on human health and the environment. Required concentration core courses include general toxicology, human health risk assessment, risk communication, and exposure assessment. Concentration elective courses may focus on toxicology, infectious diseases, or a combination of the two. Environmental health courses draw on the extensive expertise of University of Florida faculty and the unique ecology of our state.

# **Concentration Competencies**

Upon completion of the MPH program, students with a concentration in environmental health should have mastered the following competencies:

- 1. Examine the direct and indirect human and ecological health effects of major environmental agents
- 2. Develop a quantitative risk assessment framework for environmental hazards
- 3. Apply knowledge of environmental legislation to case studies to determine jurisdiction and approach
- 4. Apply approaches for assessing environmental exposures, including exposure assessment design and methods
- 5. Demonstrate cultural sensitivity and appropriate communication when engaged in public health practice and research

# **Environmental Health Faculty**

# Tara Sabo Attwood, PhD

Department Chair

Associate Dean of Faculty Development,

Cultural Affairs, and Wellness Programs

Professor

HPNP Building, Room 4157A

352-294-5293

sabo@phhp.ufl.edu

# Song Liang, PhD

MPH Concentration Coordinator

Associate Professor

Emerging Pathogens Institute, Room 114

352-273-9203

songliang@ufl.edu

#### Afsar Ali, PhD

Research Associate Professor

Emerging Pathogens Institute, Room 276

(352) 273-7984

aali@epi.ufl.edu

## Benjamin Anderson, MPH, PhD, CPH

MHS Program Director & Assistant Professor

Emerging Pathogens Institute, Room 115

352-273-9572

ander88@ufl.edu

#### Tracie Baker, DVM, PhD

Associate Professor

Emerging Pathogens Institute, Room 105

352-273-9560

tracie.baker@ufl.edu

#### Joseph Bisesi, PhD

PhD Program Director & Associate Professor

CEHT Building 471, Room 105

352-294-4703

jbisesi@phhp.ufl.edu

#### Wei-Chun Chou, PhD

Research Assistant Professor

CEHT, Room 4

352-294-4585

w.chou@ufl.edu

#### Andrew Kane, PhD

Associate Professor

Aquatic Pathobiology, Room 101

352-273-9090

kane@ufl.edu

# Zhoumeng Lin, PhD

**Associate Professor** 

HPNP Building, Room 4156

352-273-9188

linzhoumeng@ufl.edu

#### John Lednicky, PhD

Research Professor

HPNP Building, Room 4155

352-273-9204

352-294-5029

jlednicky@phhp.ufl.edu

#### Anthony Maurelli, PhD

Professor & Associate Chair

HPNP Building, Room 4154

amaurelli@phhp.ufl.edu

#### Eric Nelson, MD, PhD

**Assistant Professor** 

Emerging Pathogens Institute, Room 112

(352) 294-8536

Eric.nelson@ufl.edu

# MPH Environmental Health 48-Credit Concentration

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public Hea	alth Core: 18 credits	Credits	*Semester
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F
PHC 6001	Principles of Epidemiology (blended)	3	F
PHC 6313	Environmental Health Concepts in PH	3	F
HSA 6114	Health Care System and Policy (blended)	3	F
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F
PHC 6940	Master of Public Health Capstone	3	F,S,ss
II. Concentr	ation Core: 15 credits	Credits	*Semester
PHC 6304	Environmental Toxicology Applications in Public Health (blended)	3	F
	[Pre-reqs: working knowledge of bio, physiology & biochem]		
PHC 6424	Environmental Policy and Risk Management (online)	3	S
PHC 6702	Environmental Monitoring & Exposure Assessment	3	S
PHC 6018	Environmental Ecology of Human Pathogens (online)	3	S
PHC 6764	Global Health and Development I	3	F
III. Concenti	ration Electives**: 9 Credits (Accelerated: 3 Credits)	Credits	*Semester
PHC 6301	Aquatic Systems and Environmental Health (blended)		
	[Offered odd years]	3	S
PHC 6445	Global Health and Development II	3	S
PHC 6446	Systems Thinking in One Health (blended)	3	F
PHC 6515	One Health: Applied Techniques in Public Health Entomology		
	(online)	3	SS
	Emerging Infectious Diseases in One Health		
PHC 6671	[Offered even years]	3	S
	Quantitative Assessment of Environmental Health Impacts		
PHC 7307	[Offered odd years]	3	S
PHC 6037	Virology for Public Health	3	F
PHC 6706	Scientific Communications in Public Health [Offered even years]	3	SS
PHC 6326	Environmental and One Health (online)	3	SS
	Introduction to Foodborne Diseases [Pre-req: PHC 6001; Offered		
PHC 6520	even years]	3	S
PHC 6917	Supervised Research [Requires approval of research supervisor,	4.0	
D ( = 1 !!	consent of faculty advisor, and final approval by APE Coordinator]	1-3	F,S,ss
	ealth Electives: 3 Credits	Credits	*Semester
PHC	Dublis bookle sayman and afford by the sather than the		F.C. 00
courses	Public health coursework offered by the other tracks	3	F,S,ss
	Practice Experience: 3-6 credits (Accelerated: 3 Credits)	Credits	*Semester
PHC 6941	MPH Applied Practice Experience	3-6	F,S,ss

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

# College of Public Health and Health Professions Student Plan of Study: Environmental Health – 48 credit

(Accelerated 42 Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

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# Graduate Year 2

Graduate rea			Graduate re	ui Z			
Notes			Summer Se	mester	r Total Hrs <u>6 (Accelerated: 3 Credits)</u>		
			Course	Hrs	Title		
	*Inter-	-professional Learning & Health Modules	Concentration Elective				
	(	(Assigned in first Spring Semester)		3			
		*See MPH Program Requirements	Public Health Elective				
				3			
Fall Semeste	er Tota	ll Hrs 12	Fall Semester Total Hrs 12 (Accelerated: 9 credits)				
Course	Hrs	Title	Course	Hrs	Title		
	_	Public Health Core	Public Health Core				
PHC 6001	3	Principles of Epidemiology	PHC 6410	3	Psych, Social & Behavioral Issues in Public Health		
PHC 6313	3	Environmental Health Concepts	HSA 6114	3	Health Care System and Policy		
PHC 6052	3	Intro to Biostatistical Methods	Concentration Core				
		Concentration Core	PHC 6764	3	Global Health and Development I		
PHC 6304	3	Environmental Toxicology (blended)	Concentration Elective				
				3			
Spring Seme	ester T	otal Hrs 12	Spring Semester Total Hrs 6				
Course	Hrs	Title	Course	Hrs	Title		
		Concentration Core			Public Health Core		
PHC 6702	3	Environmental Monitoring & Exposure Assessment	PHC 6940	3	Master of Public Health Capstone		
PHC 6018	3 Environmental Ecology of Human Pathogens (online)			Applied Practice Experience			
PHC 6424	3	Environmental Policy & Risk Management (online)	PHC 6941	3	Applied Practice Experience		
		Concentration Elective					
	3						

# **EPIDEMIOLOGY**

## **Concentration Overview**

*Epidemiology* focuses on the study of the distribution and determinants of health in populations and communities. It is the scientific foundation of public health research that seeks to reduce risk factors and improve health. The discipline also contributes to public health practice and policy, and research in other health related fields such as medicine and pharmacy. This concentration area is designed to train professionals to apply the principles and methods of epidemiological investigation in a broad range of settings.

Students who seek epidemiology as a concentration typically have strong quantitative training, or are interested in and enjoy quantitative or mathematical work. They tend to describe themselves as enjoying science, problem solving, analytic reasoning, and have goals that include studying the causes, cures, and prevention of health problems.

MPH graduates with a concentration in epidemiology are employed as epidemiologists in a broad range of organizations, such as federal, state and local public health agencies, private, government and academic research, pharmaceutical and other industries, health care organizations and medical settings, legal settings, and consulting firms.

Faculty in the <u>Department of Epidemiology</u> teach courses and advise students in the Epidemiology concentration and in the MS in Epidemiology; PhD program in Epidemiology. The curriculum is designed to prepare practicing epidemiologists and to provide a foundation for those who wish to continue to a PhD program in Epidemiology. Courses and other educational experiences are carefully structured to enable students to develop competence in very specific epidemiology skills. In addition to the 18 credits that constitute the public health core courses, the epidemiology concentration requires 12 credits of epidemiology concentration courses in epidemiological methods and the epidemiology of acute and chronic diseases, 3 credits of biostatistics, and up to 6 credits of specialty electives, such as social epidemiology, survey research, survival analysis or research measurement. Public health electives, additional concentration electives, a Capstone course and the Applied Practice Experience complete the 48-credit degree.

# **Concentration Competencies**

Upon completion of the MPH program, students with a concentration in epidemiology should have mastered the following competencies:

- 1. Assess potential confounders in epidemiology studies
- 2. Evaluate interaction, effect modification and mediation in epidemiology studies
- 3. Evaluate the multifactorial etiology and pathophysiology of chronic diseases
- 4. Apply criteria for identification, prevention and control of infectious agents
- 5. Manage, analyze and interpret large-scale epidemiologic data

# **Epidemiology Faculty**

Stephen Kimmel, MD, MSCE

Department Chair

Professor 5240B CTRB 352-273-5460

skimmel@ufl.edu

Jerne Shapiro, MPH

Concentration Coordinator
Instructional Assistant Professor

CTRB, Room 4260 352-273-6861 shapiroj@.ufl.edu

Takis Benos, PhD

William Bushnell Presidential Chaired

Professor

CTRB, Room 4210 352-273-5048 pbenos@ufl.edu Yiyang Liu, PhD

Research Assistant Professor

CTRB, Room 4233 352-273-5468 yliu26@ufl.edu

Shantrel S. Canidate, PhD, MPH

Clinical Assistant Professor CTRB, Room 4228 352-294-5962 Catalina Lopez-Quintero, MD, PhD

Assistant Professor CTRB, Room 4223 352-273-6086

Ssc1987@ufl.edu

catalinalopezqui@ufl.edu

Natalie E. Chichetto, PhD, MSW

Assistant Professor CTRB, Room 4213 nchichetto@ufl.edu

Volker Mai, PhD, MPH

Associate Professor EPI, Room 373 352-273-9398 vmai@ufl.edu

Robert L. Cook, MD, MPH

Professor CTRB, Room 4232 352-273-5869 cookrl@phhp.ufl.edu Ashley Malin, PhD, MA

Associate Professor CTRB, Room 4245 352-273-5468

ashleymalin@ufl.edu

Linda B. Cottler, PhD, MPH, FACE

Dean's Professor CTRB, Room 4218 352-294-5947 <u>lbcottler@ufl.edu</u> Simone Marini, PhD

Research Assistant Professor CTRB, Room 4224 352-294-8951 Simone.marini@ufl.edu

Kelly K. Gurka, PhD, MPH

Assistant Professor CTRB, Room 4219 352-273-5362 kgurka@ufl.edu Thomas A. Pearson, MD, MPH, PhD

Professor Emeritus CTRB, Room 4248 352-273-5048 <u>tapearson@ufl.edu</u>

## Mattia Prosperi, PhD, MEng

Associate Dean for AI and Innovation Professor CTRB, Room 4234 352-273-5860 m.prosperi@ufl.edu

# Ronald I. Shorr, MD, MS

Research Professor T2-119 352-374-6077 rshorr@ufl.edu

# Heather A. Stark, MD, MPH

Clinical Associate Professor HPNP, Room 4145 352-294-5944 hstark@ufl.edu

## Catherine W. Striley, PhD, MSW, MPE

Research Associate Professor CTRB, Room 4214 352-273-5359 cstriley@ufl.edu

# Krishna Vaddiparti, PhD, MPE, MSW

Dir Epidemiology PhD Program
Clinical Assistant Professor
CTRB, Room 4226
352-273-5746
kvaddiparti@ufl.edu

## Deepthi Varma, PhD, MPhil, MSW

Research Assistant Professor CTRB, Room 4238 352-294-5941 dvarma@ufl.edu

# Yan Wang, PhD

Assistant Professor CTRB, Room 4221 352-294-5942 ywang48@ufl.edu

## Drew A. Westmoreland, PhD, MSPH

Assistant Professor CTRB, Room 4246 352-273-5468 westmorelanddrew@ufl.edu

# Sai Zhang, PhD, MEng

Assistant Professor CTRB, Room 4247 352-273-5468 sai.zhang@ufl.edu

# Jinying Zhao, MD, PhD

Professor CTRB, Room 4230 352-273-5933 jzhao66@ufl.edu

# MPH Epidemiology 48-Credit Concentration

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public H	ealth Core: 18 credits	Credits	*Semester	
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F	
PHC 6001	Principles of Epidemiology (blended)	3	F	
PHC 6313	Environmental Health Concepts in PH	3	F	
HSA 6114	Health Care System and Policy (blended)	3	F	
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F	
PHC 6940	MPH Capstone	3	F,S,ss	
II. Concen	tration Core: 12 credits	Credits	*Semester	
PHC 6000	Epidemiology Research Methods I	3	S	
PHC 6002	Epidemiology of Infectious Diseases (online)	3	SS	
PHC 6003	Epidemiology of Chronic Disease (online)	3	F	
PHC 6011	Epidemiology Research Methods II	3	SS	
III. Biostat	istics Core: 3 credits	Credits	*Semester	
PHC 6053	Regression Methods for the Health and Life Sciences (online)	3	S	
IV. Conce	ntration Electives**: 6-9 credits (Accelerated: 3 credits)	Credits	*Semester	
PHC 6517	Public Health Concepts in Infectious Disease	3	F	
PHC 6016	Social Epidemiology	3	F	
PHC 6059	Introduction to Applied Survival Analysis	3	F	
PHC 6711	Measurement in Epidemiology and Outcomes Research	3	F	
PHC 6089	Intro to Public Health Computing	3	S	
PHC 6512	Environmental Management of Vector-Borne Diseases	3	F	
PHC 6183	Disaster Preparedness & Emergency Response (online)	3	F,ss	
PHC 6009	Biology and Epidemiology of HIV/AIDS (online)	3	SS	
			(even years)	
PHC 6591	Maternal and Child Health Epidemiology (Prereqs: PHC 6001, PHC 6000)	3	F	
PHC 6937	Intro to Mixed Methods Research	3	S	
PHC 7007	Cancer Epidemiology (Prereq: PHC 6001)	3	S	
PHC 7038	Psychiatric Epidemiology	3	S	
PHC 6917	Supervised Research	1-3	F,S,ss	
	(Requires approval of research supervisor, consent of faculty advisor,			
	and final approval by APE Coordinator)	Credits	*Semester	
V. Public I	V. Public Health Electives: 3-6 credits (Accelerated: 3 credits)			
PHC				
courses	Public health coursework offered by the other concentrations	3	F,S,ss	
VI. Applie	d Practice Experience: 3-6 credits (Accelerated: 3 credits)	Credits	*Semester	
PHC 6941	MPH Applied Practice Experience	3-6	F,S,ss	

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

# College of Public Health and Health Professions Student Plan of Study: Epidemiology – 48 credit

(Accelerated 42 Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

#### Graduate Year 1

#### Notes \*Inter-professional Learning & Health Modules (Assigned in first Spring Semester) \*See MPH Program Requirements Fall Semester Total Hrs 12 Hrs Title Course Public Health Core Introduction to Biostatistical Methods PHC 6052 3 PHC 6001 Principles of Epidemiology HSA 6114 Health Care System and Policy 3 PHC 6410 3 Psych, Soc, Behavioral Issues in PH Spring Semester Total Hrs 12 (Accelerated: 9 Credits) Hrs Title Course Concentration Core PHC 6000 Epidemiological Research Methods I 3 PHC 6053 Regression Analysis (online) Concentration/Public Health Elective(s) 3 3

#### Graduate Year 2

Graduate rear							
Summer Semester Total Hrs 6							
Course	Hrs	Title					
Concentration Core							
PHC 6011	3	Epidemiological Research Methods II					
PHC 6002	3	Epidemiology of Infectious Diseases (online)					
Fall Semester	Total H	Irs 9-12 ( <u>Accelerated: 9)</u>					
Course	Hrs	Title					
		Public Health Core					
PHC 6313	3	Environmental Health Concepts in PH					
PHC 6003	3	Epidemiology of Chronic Disease (online)					
(	Concen	tration/Public Health Elective(s)					
	3						
	3						
Spring Semest	ter Tota	al Hrs 6-9 (Accelerated: 6)					
Course	Hrs	Title					
	MPH	Applied Practice Experience					
PHC 6941	3-6	MPH Applied Practice Experience					
	Public Health Core						
PHC 6940	3	Master of Public Health Capstone					

# POPULATION HEALTH MANAGEMENT

## **Concentration Overview**

The <u>Population Health Management</u> concentration focuses on providing comprehensive, authoritative strategies for improving the health care systems and health policies that affect health care quality, access, delivery, costs, and outcomes, ultimately improving the health of an entire population both nationally and internationally. The concentration encompasses two of the major roles of leaders, healthcare manager and policy developer in public health. To become a health care professional in population health management, skills in outcome measurement, health economics, strategic and program planning, community engagement, data analysis, operations research, and policy making are essential. Development, analysis, interpretation, and evaluation of health care programs require both analytic skills and social skills, as well as a deep understanding of politics and economics. Our program provides interdisciplinary curriculum with a foundation of knowledge in health services, health economics, and health policy, and also teaches concepts, principles, and scientific skills necessary for population health management.

Career opportunities in population health management are widely available in health agencies at all levels - federal, state, and local. MPH graduates with a PHM concentration are also employed in research and policy institutes, foundations, professional organizations, and the healthcare industry.

# **Concentration Competencies**

Upon completion of the MPH program, students with a concentration in population health management should have mastered the following competencies:

- 1. Integrate systems thinking theory to incorporate multiple stakeholders at state and local levels to address a public health issue
- 2. Create an evaluation plan for a public health initiative
- 3. Apply principles and theory of budget preparation, managerial accounting, and financial management to organizations in the health sector
- 4. Develop a survey instrument that validly examines public health research questions and produces data that addresses health implications and their relationship to policy and contexts
- 5. Conduct an economic analysis of a major health policy issue

# Population Health Management Faculty

## Frances Lee Revere, PhD

Department Chair
Professor and Florida Blue Endowed Chair
HPNP, Room 3107
352-273-6214

frevere@phhp.ufl.edu

#### Ara Jo, PhD

Concentration Coordinator Clinical Assistant Professor HPNP, Room 3116 352-273-6539 ara13j@phhp.ufl.edu

## Valery E. Beau De Rochars, MD, MPH

Research Assistant Professor EPI 275 352-294-5695 madsenbeau@phhp.ufl.edu

#### Linda Beckman, PhD

Research Associate Professor HPNP, Room 3104 352-273-6063 lindabeckman@ufl.edu

#### Keith Benson, PhD, MHA, MBA

Clinical Professor HPNP, Room 3106 352-273-6069 kethbenson@phhp.ufl.edu

# Santanu Datta, PhD, MS, MBA

Clinical Associate Professor HPNP, Room 3114 352-273-6074 santanu.datta@phhp.ufl.edu

#### Noah Hammarlund, MS, PhD

Assistant Professor HPNP, Room 3121 352-273-6081 noah.hammarlund@ufl.edu

Young-Rock Hong, PhD, MPH

Assistant Professor HPNP, Room 3111 352-278-5335 youngrock.h@phhp.ufl.edu

#### Molly M. Jacobs, MS, PhD

Associate Professor HPNP, Room 3118 352-273-6313 mollyjacobs@ufl.edu

#### Frederick (Rick) Kates, PhD, MBA

Clinical Associate Professor HPNP, Room 3115 352-273-6060 kates.rick@phhp.ufl.edu

#### Arch G. Mainous, PhD

Professor HPNP, Room 3107 352-273-8138 arch.mainous@phhp.ufl.edu

#### Nicole Marlow, PhD, MSPH

Research Assistant Professor HPNP, Room 3110 352-273-6080 marlownm@phhp.ufl.edu

#### Yulia A. Levites Strekalova, PhD, MBA

Assistant Professor HPNP, Room 3120 352-273-7934 yulias@ufl.edu

# MPH Population Health Management 48-Credit Concentration with In-Person Courses

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public Hea	lth Core: 18 credits	Credits	*Semester
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F
PHC 6001	Principles of Epidemiology (blended)	3	F
PHC 6313	Environmental Health Concepts in PH	3	F
HSA 6114	Health Care System and Policy (blended)	3	F, ss
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F
PHC 6940	Master of Public Health Capstone	3	F,S,ss
II. Concentra	ation Core: 15 credits	Credits	*Semester
PHC 6104	Evidence-Based Management of Public Health Programs (online)	3	F
HSA 6436	Health Economics	3	S
PHC 6103	Systems Thinking and Public Health (Online)	3	SS
HSA 6152	Overview of US Health Policy	3	S
HSA 6198	Information Management in Health Administration	3	F
III. Concentr	ation Electives: 6-9 credits** (Accelerated: 3 Credits)	Credits	*Semester
A. Courses of	fered by PHHP		
HSA 6395	Healthcare Data Analysis I	3	F
HSA 6196	Healthcare Data Analysis II	3	S
HSA 6115	Intro to Management of Health Service Organizations (Online)	3	S
HSA 6385	Performance Management for Health Care Managers	3	S
PHC 6700	Social and Behavioral Research Methods	3	S
PHC 6530	Public Health Issues of Mothers and Children (Online)	3	S
PHC 6716	Survey Research/Instrument Methods	3	F
PHC 6917	Supervised Research (Requires approval of research supervisor, consent of faculty advisor, and final approval by APE Coordinator)	1-3	F,S,ss
B. Courses off	ered outside of PHHP		
FYC 6662	Public Policy for Human Resource Development	3	F
PUP 6009	Public Policy Analysis	3	F
PUP 6007	Policy Process	3	S
POS 6737	Political Data Analysis	3	F
IV. Public He	Credits	**Semester	
PHC courses	Public health coursework offered by the other tracks	3	F,S,ss
V. Applied P	ractical Experience: 3-6 credits (Accelerated: 3 Credits)	Credits	**Semester
PHC 6941	MPH Applied Practice Experience	3	F,S,ss

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change each semester.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

<sup>^</sup> First 8 weeks of the semester

# MPH Population Health Management 48-Credit Concentration with Online Courses

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public He	alth Core: 18 credits	Credit	*Semester			
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F			
PHC 6001	Principles of Epidemiology (blended)	3	F, S, ss			
PHC 6313	Environmental Health Concepts in PH	3	S, ss(even)			
HSA 6114	Health Care System and Policy	3	F, ss			
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F,S			
PHC 6940	Master of Public Health Capstone	3	F, S, ss			
II. Concenti	ration Core: 15 credits	Credit	*Semester			
PHC 6104	Evidence-Based Management of Public Health Programs	3	F			
HSA 6436	Health Economics	3	F			
PHC 6103	Systems Thinking and Public Health	3	SS			
HSA 6152	Overview of US Health Policy	3	SS			
HSA 6198	Information Management in Health Administration	3	S			
III. Concent	ration Electives: 6-9 credits** (Accelerated: 3 Credits)	Credit	*Semester			
A. Courses of	fered by PHHP					
HSA 6115	Intro to Management of Health Service Organizations	3	S			
HSA 6385	Performance Management for Health Care Managers	3	SS			
PHC 6530	Public Health Issues of Mothers and Children	3	S			
PHC 6937	Social Stratification and Health	3	F			
PHC 6917	Supervised Research	1-3	F, S, ss			
	(Requires approval of research supervisor, consent of faculty advisor,					
IV D I I: II	and final approval by APE Coordinator)	- III				
IV. Public Health Electives: 3-6 credits (Accelerated: 3 Credits)  Credit **Semeste						
PHC courses	Public health coursework offered by the other tracks	3	F, S, ss			
V. Applied	Practical Experience: 3-6 credits (Accelerated: 3 credits)	Credit	**Semester			
PHC 6941	MPH Applied Practice Experience	3	F, S, ss			

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change each semester.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

<sup>^</sup> First 8 weeks of the semester

# College of Public Health and Health Professions Student Plan of Study: Population Health Management – 48 credit in-person

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

#### Graduate Vear 1

Graduate Ye	Graduate Year 1 Graduate Year 2							
Notes				Summer Semester Total Hrs <u>6</u> (Accelerated: 3 Credits)				
				Course	Hrs	Title		
	*Inter-pro	ofessional Learning & Health Modules	Concentration Core			Concentration Core		
	(Ass	signed in first Spring Semester)		PHC 6103 3 Systems Thinking and Public Health				
	*Se	ee MPH Program Requirements		Concentration/Public Health Electives				
			3					
Fall Semeste	er Total Hi	rs 12		Fall Semest	er Total	Hrs 9-12 (Accelerated: 9 Credits)		
Course	Hrs	Title		Course	Hrs	Title		
	Public Health Core			Public Health Core				
HSA 6114	3	Health Care System and Policy		PHC 6313	3	Environmental Health Concepts in PH		
PHC 6001				Concentration Core				
PHC 6410	3	Psy, Soc, Beh Issues in Public Health		PHC 6104	3	Evidence-Based Management of PH Programs (online)		
PHC 6052	3	Introduction to Biostatistical Methods		HSA 6198	3	Information Management in Health Admin		
				Publi	c Health	Elective (3-6 credits, choose from other concentrations)		
					3			
Spring Seme	ster Tota	l Hrs 12		Spring Seme	ester To	tal Hrs 6-9 (Accelerated: 6 Credits)		
Course	Hrs	Title		Course	Hrs	Title		
		Concentration Core			MPH Applied Practice Experience			
HSA 6436	3	Health Economics		PHC 6941	3-6	MPH Applied Practice Experience		
HSA 6152	HSA 6152 3 Overview of US Health Policy				Public Health Core			
	Conce	entration/Public Health Electives		PHC 6940	3	Master of Public Health Capstone		
	3							
	3							

# College of Public Health and Health Professions Student Plan of Study: Population Health Management – 48 credit Online

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

#### Graduate Year 1

HAS 6198

#### Notes \*Inter-professional Learning & Health Modules (Assigned in first Spring Semester) \*See MPH Program Requirements Fall Semester Total Hrs 12 Hrs Title Course Public Health Core HSA 6114 Health Care System and Policy PHC 6410 3 Psy, Soc, Beh Issues in Public Health PHC 6052 Introduction to Biostatistical Methods Concentration Core HSA 6436 Health Economics Spring Semester Total Hrs 12 Course Hrs Title Public Health Core Principles of Epidemiology PHC 6001 Environmental Health Concepts in PH PHC 6313 Concentration Core

Info Management in Health Admin

Concentration/Public Health Elective(s)

#### Graduate Year 2

Course	Hrs	Title
		Concentration Core
PHC 6103	3	Systems Thinking and Public Health
HSA 6152	3	Overview of US Health Policy
		Concentration/Public Health Elective(s)
	0-3	
Fall Semeste	r Total Hr	s 9 (Accelerated: 6 Credits)
Course	Hrs	Title
		Concentration Core
PHC 6104	3	Evidence-Based Management of PH Programs (online)
		Concentration/Public Health Elective(s)
	3	
	3	
		Hrs 6-9 (Accelerated: 6 Credits)
Course	Hrs	Title
		MPH Applied Practice Experience
PHC 6941	3-6	MPH Applied Practice Experience
		Public Health Core
PHC 6940	3	Master of Public Health Capstone

# SOCIAL & BEHAVIORAL SCIENCES

# **Concentration Overview**

The <u>social and behavioral sciences</u> is based on the assumption that health and health behavior are impacted by multiple psychological, behavioral, social and cultural factors. Central to addressing health problems and eliminating health disparities and inequalities, these factors must be understood and addressed at multiple social-ecological levels (individual, interpersonal, organizational, community and population).

Those who seek a concentration in social and behavioral sciences come from a variety of undergraduate and professional backgrounds. Undergraduate majors in sociology, anthropology, psychology, and health education provide strong foundations for this concentration. However, it is also sought out by individuals with backgrounds in bench science, health professions, and other professions, such as journalism, to provide a multi-layered perspective on the determinants of and solutions to health problems.

MPH graduates with concentrations in social and behavioral sciences are employed in health agencies at all levels and sectors. They are usually involved in creative aspects of community assessment, program development and evaluation, and research. A few examples of current jobs held by our alumni include research positions at NIH and CDC, program directors at the Alachua County Health Department and the North Florida Healthy Start coalition, and tobacco specialist with the local Area Health Education Center (AHEC).

The curriculum is designed to enable students to develop competence in very specific social and behavioral science skills. In addition to the public health core courses, students are required to take 15 credits of social and behavioral science core courses. The social and behavioral sciences core courses enable students to acquire and apply new knowledge and tools in social and behavioral theory, research methods, health communication, need and asset assessment and surveillance, and ultimately, program planning and evaluation.

# **Concentration Competencies**

Upon completion of the MPH program, students with a concentration in social and behavioral science should have mastered the following competencies:

- 1. Evaluate public health social and behavioral science research so that research decisions, strengths and limitations are addressed.
- 2. Integrate social and behavioral science theories and concepts in the development of interventions/solutions to public health problems.
- 3. Design and conduct a community needs assessment
- 4. Design, implement and evaluate a public health intervention.
- 5. Design and develop effective communication products that convey health information to diverse audiences that increase recipients' knowledge and positively impact attitudes, beliefs and behaviors.

# Social and Behavioral Sciences Faculty

# Gaia Zori, PhD, MPH, CHES®

Concentration Coordinator
Clinical Assistant Professor
HPNP, Room 4135
352-294-5772
gaia.zori@phhp.ufl.edu

### Shantrel Canidate, PhD, MPH

Assistant Professor CTRB, Room 4246 352-294-5962 ssc1987@ufl.edu

#### Brittney Dixon, PhD, MPH, CPH, TTS

Bachelor of Public Health Program Director
Clinical Assistant Professor
HPNP, Room 4137
352-273-6068
brittneyndixon@ufl.edu

## George Hack, PhD, MEd

Associate Dean for Educational Affairs Clinical Associate Professor HPNP, Room 4115 352-273-6377 hackg@phhp.ufl.eu

## Michael Moorhouse, PhD, CRC

Clinical Associate Professor HPNP, Room 4148 352-273-6564 moorhouse@phhp.ufl.edu

# Sarah McKune, PhD

Research Associate Professor HPNP, Room 4158 352-273-9449 smckune@ufl.edu

# Rebecca Pearl, PhD

Assistant Professor HPNP, Room 3180 352-294-5404

rebecca.pearl@ufl.edu

#### Kathryn Ross, PhD, M.P.H.

Associate Professor HPNP, 3139 (352) 294-8433 kmross@phhp.ufl.edu

#### Nichole Stetten, PhD, MPH

Research Assistant Professor HPNP, Room 4144 352-273-9700 n.e.stetten@ufl.edu

### Julia R. Varnes, PhD, MPH, MCHES®

MPH Program Director
Clinical Associate Professor
HPNP, Room 4133
352-294-5382
irvarnes@ufl.edu

# Ashby Walker, PhD

Assistant Professor HPNP, Room 3112 352-273-8278 afwalker@ufl.edu

# Lindsey King, PhD, MPH, CHES®, CCRP, CTTS

Clinical Assistant Professor HPNP, Room 3117 (352)-273-6064 linking@ufl.edu

# **Adjunct Faculty**

Sarah Catalanotto, MPH

Executive Director, Suwannee River Area Health Education Center 352-256-7080

scatalanotto@phhp.ufl.edu

Taryn Rivera Buckley, PhD, MCHES®

Project Manager North Florida AIDS Education & Training Center

taryn.buckley@medicine.ufl.edu

Tyler G. James, PhD, CHES®

Assistant Professor University of Michigan jamesty@med.umich.edu

Kelsea LeBeau, PhD, MPH

Health Science Specialist Veterans Rural Health Resource Center-Gainesville 352-376-1611 kelsea.lebeau@va.gov

Lindsey K. Redding, MPH
Director of Community Initiatives | WellFlorida
Council
352-313-6500
Iredding@wellflorida.org

# **CAMPUS MPH Social and Behavioral Sciences 48-Credit Concentration**

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public He	alth Core: 18 credits	Credits	*Semester
PHC 6052	Introduction to Biostatistical Methods (blended)	3	F
PHC 6001	Principles of Epidemiology (blended)	3	F
PHC 6313	Environmental Health Concepts in PH	3	F
HSA 6114	Health Care System and Policy (blended)	3	F
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F
PHC 6940	Master of Public Health Capstone	3	F, S, ss
II. Concenti	ration Core: 15 credits	Credits	*Semester
PHC 6700	Social and Behavioral Research Methods	3	S
PHC 6251	Assessment and Surveillance in Public Health	3	SS
PHC 6405	Theoretical Foundations of Public Health	3	SS
PHC 6146	Public Health Program Planning and Evaluation	3	F
PHC 6195	Health Information for Diverse Populations: Theory & Methods	3	F
III. Concent	ration Electives**: 6-9 credits (Acc.: 3 Credits)	Credits	*Semester
PHC 6704	Community-Based Participatory Research	3	S
PHC 6441	Health Disparities (online)	3	S
PHC 6404	Sexuality, Gender, and Public Health (online)	3	S
PHC 6009	Biology and Epidemiology of HIV/AIDS (online)	3	SS
			(even yrs)
PHC 6530	PH Mothers & Babies	3	S
PHC 6447	Ecology of HIV/AIDS in the Rural South (online)	3	F
PHC 6521	Fundamentals of Public Health Nutrition (online)	3	S
PHC 6534	Trauma Informed Approaches for Individuals, Communities, and Public Health (online)	3	S
PHC 6451	Building Resiliency in Individuals & Communities for PH (online)	3	SS
PHC 6406	Stigma & Health	3	SS
PHC 6937	Social Stratification and Health (online)	3	F
IV. Public H	ealth Electives: 3-6 credits (Acc.: 3 Credits)	Credits	*Semester
PHC courses	Public health coursework offered by other concentrations	3	F,S,ss
PHC 6917	Supervised Research		
	(Requires approval of research supervisor, consent of faculty		
	advisor, and final approval by APE Coordinator)	1-3	F,S,ss
PHC 6945	Public Health Practicum		
	(Requires approval of practicum site and final approval by APE		
	Coordinator)	1-3	F,S,ss
V. Applied I	Practice Experience: 3-6 credits (Acc.: 3 Credits)	Credits	*Semester
PHC 6941	MPH Applied Practice Experience	3-6	F,S,ss

<sup>\*</sup>F=Fall; S=Spring; ss=summer; alt=alternate years. Class schedules are subject to change each semester.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

# College of Public Health and Health Professions Student Plan of Study: Social and Behavioral Sciences – 48 Credit Campus

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

#### Graduate Year 1

Graduate Yea	ır ı	
Notes		
*Int	er-proi	fessional Learning & Health Modules
	(Assi	igned in first Spring Semester)
	*S	ee MPH Program Requirements
Fall Semester	Total	Hrs 12
Course	Hrs	Title
		Public Health Core
PHC 6410	3	Psych, Soc, Behavioral Issues in PH
PHC 6001	3	Principles of Epidemiology
PHC 6052	3	Introduction to Biostatistical Methods
HSA 6114	3	Health Care System and Policy
Spring Semes	ster To	otal Hrs 12 (Accelerated: 9 Credits)
Course	Hrs	Title
		Concentration Core
PHC 6700	3	Social and Behavioral Research Methods
	Concer	ntration/Public Health Elective(s)
	3	
	3	
	3	

#### Graduate Year 2

Summer S	emest	er Total Hrs <u>6</u>
Course	Hrs	Title
	•	Concentration Core
PHC 6251	3	Assessment and Surveillance in Public Health
PHC 6405	3	Theoretical Foundations of Public Health
Fall Semes	ter To	otal Hrs 9-12
Course	Hrs	Title
		Concentration Core
PHC 6195	3	Health Info for Diverse Pop: Theory & Methods
PHC 6146	3	Public Health Program Planning and Evaluation
		Public Health Core
PHC 6313	3	Environmental Health Concepts in PH
	Con	centration/Public Health Elective(s)
	0-3	
Spring Ser	neste	r Total Hrs 6-9 (Accelerated: 6 Credits)
Course	Hrs	Title
	Λ	MPH Applied Practice Experience
PHC 6941	3-6	MPH Applied Practice Experience
		Public Health Core
PHC 6940	3	Master of Public Health Capstone

# ONLINE MPH Social and Behavioral Sciences 48-Credit Concentration

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

I. Public He	alth Core: 18 credits	Credits	*Semester
PHC 6052	Introduction to Biostatistical Methods	3	F
PHC 6001	Principles of Epidemiology	3	F, S, ss
PHC 6313	Environmental Health Concepts in PH	3	S, ss(even yrs)
HSA 6114	Health Care System and Policy	3	F,ss
PHC 6410	Psychological, Behavioral, and Social Issues in PH	3	F, S
PHC 6940	Master of Public Health Capstone	3	F, S, ss
II. Concent	ration Core: 15 credits	Credits	*Semester
PHC 6700	Social and Behavioral Research Methods	3	SS
PHC 6251	Assessment and Surveillance in Public Health	3	S
PHC 6405	Theoretical Foundations of Public Health	3	SS
PHC 6146	Public Health Program Planning and Evaluation	3	F
PHC 6195	Health Information for Diverse Populations: Theory & Methods	3	S
III. Concent	rration Electives**: 6-9 credits (Accelerated: 3 Credits)	Credits	*Semester
PHC 6704	Community-Based Participatory Research	3	S
PHC 6441	Health Disparities	3	S
PHC 6404	Sexuality, Gender, and Public Health	3	S
PHC 6009	Biology and Epidemiology of HIV/AIDS	3	SS
			(even yrs)
PHC 6447	Ecology of HIV/AIDS in the Rural South	3	F (even yrs)
PHC 6530	PH Mothers & Children (online) [May require live online lectures]	3	S
PHC 6521	Fundamentals of Public Health Nutrition	3	F
PHC 6534	Trauma Informed Approaches for Individuals, Communities, and	3	S
	Public Health		
PHC 6451	Building Resiliency in Individuals & Communities for PH	3	SS
PHC 6406	Stigma & Health	3	SS
PHC 6937	Social Stratification and Health	3	F
IV. Public H	lealth Electives: 3-6 credits (Accelerated: 3 Credits)	Credits	*Semester
PHC 6917	Supervised Research		
	(Requires approval of research supervisor and consent of faculty		
	advisor)	1-3	F,S,ss
PHC 6945	Public Health Practicum		
	(Requires approval of practicum site and consent of faculty advisor)	1-3	F,S,ss
V. Applied	Practice Experience: 3-6 credits (Accelerated: 3	Credits	*Semester
Credits)			
PHC 6941	MPH Applied Practice Experience	3-6	F,S,ss

<sup>\*</sup>F=Fall; S=Spring; ss=summer; alt=alternate years. Class schedules are subject to change each semester.

<sup>\*\*</sup>Other courses may be substituted or added with the approval of the concentration coordinator.

# College of Public Health and Health Professions Student Plan of Study: Social and Behavioral Sciences – 48 Credit Online

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

#### Graduate Year 1

LT	
er-prot	fessional Learning & Health Modules
(Assig	nned in first Summer Semester)
*S6	ee MPH Program Requirements
Total	Hrs 12
Hrs	Title
	Public Health Core
3	Psych, Soc, Behavioral Issues in PH
3	Principles of Epidemiology
3	Introduction to Biostatistical Methods
3	Health Care System and Policy
ter To	otal Hrs 12 (Accelerated: 9 Credits)
Hrs	Title
	Public Health Core
3	Environmental Health Concepts in PH
	Concentration Core
3	Assessment and Surveillance in Public Health
3	Health Info for Diverse Pop: Theory & Methods
Concer	ntration/Public Health Elective(s)
3	
	Total Hrs  3 3 3 Hrs  3 3 3 Concer

#### Graduate Year 2

Graduate	<u>rear</u> <u>z</u>	
Summer S	emest	er Total Hrs <u>6</u>
Course	Hrs	Title
		Concentration Core
PHC 6700	3	Social and Behavioral Research Methods
PHC 6405	3	Theoretical Foundations of Public Health
Fall Semes	ter To	otal Hrs 9-12 (Accelerated: 9 Credits)
Course	Hrs	Title
		Concentration Core
PHC 6146	3	Public Health Program Planning and Evaluation
	Con	centration/Public Health Elective(s)
	3	
	3	
	0-3	
Spring Ser	nestei Hrs	Total Hrs 6-9 (Accelerated: 6 Credits)
course		MPH Applied Practice Experience
PHC 6941	3-6	MPH Applied Practice Experience
		Public Health Core
PHC 6940	3	Master of Public Health Capstone

# PUBLIC HEALTH PRACTICE

#### Concentration Overview

The <u>public health practice concentration</u> is targeted to the health professional who has already earned a doctorate in a health-related field, or for those who have been working in a professional capacity in the public health setting for several years. This program is also available to students enrolled in a concurrent or joint terminal degree program on the campus (e.g., MD/MPH, DVM/MPH, PharmD/MPH, etc.). This degree will enhance the working knowledge of health professionals by giving them a valuable, applicable, public health perspective on health issues as they relate to the public versus the individual. This concentration offers a broad exposure to a variety of public health courses across all the traditional public health concentrations. Such breadth is usually required of professionals who assume positions of leadership in public health. For these reasons, this concentration is not appropriate for the new bachelor's graduate or the working applicant who does not have several years of professional work experience in a health-related field. This concentration is offered both on-campus and online.

The curriculum for the online Public Health Practice concentration follows the same model as the other five concentrations. Students begin their programs with the MPH core courses required of all students. However, instead of a specified set of concentration core courses, students choose two to three courses from concentration core course options in two to four of the other concentrations. Selections must include at least one course in research methods. Other courses are focused on problem-based methodologies to enhance students' practice skill sets, as well as skills in research and writing. Students complete their degrees with an internship/Applied Practice Experience and an Integrative Learning Experience. The concentration is offered in the traditional 48-credit format or in an accelerated 42-credit format.

Eligibility for the public health practice MPH is summarized below.

48 credit traditional MPH program	42 credit accelerated program
Joint or concurrent professional/MPH program (e.g., JD/MPH, PharmD/MPH)	Prior terminal health-related degree (e.g., PharmD, DPT, DVM, MD, PhD)
Professional health-related degree.	
Public health work experience for 3+ years after receiving a bachelor's degree.	
Professional hospital or laboratory work experience for 4+ years after receiving a bachelor's degree and need to apply public health concepts at work.	

# **Concentration Competencies**

These are identified by the student, with their advisor, from any of the previously listed concentration specific competencies.

# Public Health Practice Faculty\*

(\*Faculty from multiple concentrations will serve as faculty Advisor Mentors)

Julia R. Varnes, PhD, MPH, MCHES®

MPH Program Director

& Concentration Coordinator - PHP Campus

Clinical Associate Professor

HPNP, Room 4112

352-294-5382

<u>irvarnes@ufl.edu</u>

Traci Krueger, DVM, MPH

DVM/MPH Faculty Advisor

kruegert@ufl.edu

Gaia Zori, PhD, MPH, CHES®

Concentration Coordinator - PHP Online

Clinical Assistant Professor

HPNP, Room 4135

352-294-5772

gaia.zori@phhp.ufl.edu

# **CAMPUS MPH Public Health Practice Concentration**

(Recommended for all Joint Degree Students)

# 48 or 42 Credit Concentration<sup>†</sup>

I. Public Healt	h Core: 18 credits	Credits	*Semester
PHC 6050/2	Statistical Methods for Health Sciences I (blended) <b>OR</b> Introduction to	3	F
	Biostatistical Methods (blended)		
PHC 6001	Principles of Epidemiology (blended)	3	F
PHC 6313	Environmental Health Concepts in PH	3	F
HSA 6114	Health Care System and Policy (blended)	3	F
PHC 6410	Psychological, Behavioral, and Social Issues in PH (blended)	3	F
PHC 6940	Master of Public Health Capstone	3	F, S, ss
II. Research M	ethods Course: Choose 3 credits	Credits	*Semester
PHC 6700	Social & Behavioral Research Methods	3	F
PHC 6000	Epidemiology Research Methods I	3	S
PHC 6053	Regression Methods for the Health and Life Sciences (online)	3	S
HSA 7707	Health Services Research Methods I	3	F
III. Concentrat	ion Cores: 12-27 credits (Accelerated: 12-18 Credits)		
(Choose at lea	st 4 courses from those listed below)		
	Requires PHC 6052)		
PHC 6053	Regression Methods for the Health and Life Sciences (online)	3	S
PHC 6089	Public Health Computing	3	S
PHC 6059	Introduction to Applied Survival Analysis	3	F
Epidemiology	(Requires PHC 6052)	•	•
PHC 6000	Epidemiology Research Methods I	3	S
PHC 6011	Epidemiology Research Methods II (requires PHC 6000)	3	SS
PHC 6002	Epidemiology of Infectious Diseases (online)	3	SS
PHC 6003	Epidemiology of Chronic Disease (online, live sessions required)	3	F
Environmenta	l Health (Requires PHC 6052)		•
PHC 6304	Environmental Toxicology Applications in Public Health (blended)	3	F
	[Pre-regs: working knowledge of bio, physiology & biochem]		
PHC 6326	Environmental & One Health (online)	3	SS
PHC 6424	Environmental Policy and Risk Management (online)	3	S
PHC 6702	Environmental Monitoring & Exposure Assessment	3	S
PHC 6018	Environmental Ecology of Human Pathogens (online)	3	S
PHC 6764	Global Health and Development I	3	F
Population He	alth Management (Requires PHC 6050 or PHC 6052)	1	I.
PHC 6104	Evidence-Based Management of Public Health Programs (online)	3	F
HSA 6436	Health Economics (fall online)	3	F, S
HSA 6152	Overview of US Health Policy (summer online)	3	S, ss
HSA 6198	Information Management in Health Administration (spring online)	3	F, S
PHC 6103	Systems Thinking and Public Health	3	SS
	navioral Sciences (Requires PHC 6050 or PHC 6052)		
PHC 6700	Social & Behavioral Research Methods	3	S
PHC 6251	Assessment and Surveillance in Public Health	3	SS
PHC 6405	Theoretical Foundations in Public Health	3	SS
PHC 6146	Public Health Program Planning and Evaluation	3	F
PHC 6195	Health Information for Diverse Populations: Theory & Methods	3	F
	Optional, up to 12 (Choose from electives in any concentration)		
PHC courses	Public Health coursework offered by other concentrations	3	F,S,ss
	ctice Experience (Accelerated: 3 Credits)	Credits	*Semester
PHC 6941	Applied Practice Experience	3-6	F, S, ss
	Total section and account account and account account account and account account		. , . , . ,

# Accepted Courses for MPH Joint Degree Programs (12 Credits Required)

DVM/MPH (Choose	e 12 credits)	Credits	*Semester
VEM 5141	Veterinary Infectious Diseases	3	Varies
VEM 5150	Veterinary Parasitology	1	Varies
VEM 5172	Veterinary Toxicology	1	Varies
VEM 5503	Veterinary Epidemiology	2	Varies
VEM 5504	Veterinary Preventive and Production Medicine	2	Varies
VEM 5143	Small Animal Applied Veterinary Microbiology	1	Varies
VEM 5144	Large Animal Applied Veterinary Microbiology	1	Varies
VEM 5153	Small Animal Parasitology	1	Varies
VEM 5154	Large Animal Parasitology	2	Varies
VEM 5176	Poisonous Plants	1	Varies
VEM 5313	Poultry Diseases	1	Varies
VEM 5322	Shelter Medicine	1	Varies
VEM 5324	Forensic Veterinary Medicine	1	Varies
VEM 5352	Dairy Production Medicine	1	Varies
VEM 5363	Diseases of Laboratory Animals	1	Varies
VEM 5501	Clinical Epidemiology	1	Varies
VEM 5530	Beef Production Medicine	2	Varies
VEM 5571	Emerging Diseases	1	Varies
MD/MPH (Choose 1	2 credits)	Credits	*Semester
BMS 6003	Genetics and Health	4	F
BMS 6091	Health Outcomes and Policy	1	S
BMS 6092	Research and Discovery	1	F
BMS 6300	Fundamentals of Microbiology and Immunology	4	S
BMS 6751	Nutrition and Health	1	F
BMS 6816	Introduction to Cancer Biology & Clinical Oncology	2	S
JD/MPH (Choose 12	2 credits)	Credits	*Semester
LAW 6470	Environmental Law	3	S
LAW 6714	Child, Parent, and State	3	S
LAW 6812	Poverty Law	3	S
LAW 6930	Wetlands and Watershed: Science, Law & Policy	3	S
LAW 6930	Adoption Law	2	S
LAW 6936	Environmental Justice Seminar	2	S
LAW 6936	Family Law and Social Policy	2	S
LAW 6936	Trade and Human Rights in America	3	S
DPT/MPH		Credits	*Semester
PHT 6605/8/9	Evidence Based Practice I, II, & III	8	Varies
PHT 6502/3/4	Health Promotion and Wellness I, II, & III	4	Varies
PharmD/MPH		Credits	*Semester
PHA 5007	Pharmacy & Population Health	2	F
PHA 5103	Principles of Patient-Centered Care	2	S
PHA 5244	Principles of Evidence-Based Practice	3	S
PHA 5703	Principles of Pharmacy Law & Ethics	1	S
PHA 5223	Pharmacoepidemiology & Drug Safety	2	F
PHA 5239	Pharmacy Law & Ethics	2	F

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

<sup>&</sup>lt;sup>†</sup> 42-credit concentration requires previous completion of a terminal health-related degree.

# **ONLINE MPH Public Health Practice**

# 48 or 42 Credit Concentration<sup>†</sup>

	Course	Credits	Semester
I. Public Health	Core: 18 credits		
PHC 6001	Principles of Epidemiology	3	S, ss, F
PHC 6052/50	Intro to Biostatistical Methods OR Statistical Methods for Health Science I	3	F, S
PHC 6313	Environmental Health Concepts in Public Health	3	S, ss(even)
PHC 6410	Psychological, Behavioral, and Social Issues in Public Health	3	S, F
HSA 6114	Health Care System and Policy	3	ss, F
PHC 6940	Public Health Capstone	3	All
	ethods: Choose 3 credits		
PHC 6700	Social and Behavioral Research Methods (preferred pre-req: PHC 6050/6052)	3	SS
PHC 6053	Regression Methods for the Health and Life Sciences* (pre-req: PHC 6052)	3	S
	Substitutions considered; discuss with your Academic Advisor		
	Intration: 12-27 credits (Accelerated: 12-18 Credits) st 4 courses from those listed below)		
	Requires PHC 6052)	1	
PHC 6053	Regression Methods for the Health and Life Sciences	3	S
	(Requires PHC 6052 & PHC 6001)	1	
PHC 6002	Epidemiology of Infectious Diseases	3	SS
PHC 6003	Epidemiology of Chronic Disease (online, live sessions required)	3	F
Environmenta	Health (Requires PHC 6052)	1	T
PHC 6304	Environmental Toxicology Applications in Public Health	3	F
	[Pre-reqs: working knowledge of bio, physiology & biochem]		
PHC 6424	Environmental Policy and Risk Management	3	S
PHC 6018	Environmental Ecology of Human Pathogens	3	S
-	alth Management (Requires PHC 6050 or PHC 6052)	1	T
PHC 6104	Evidence-Based Management of Public Health Programs	3	F
HSA 6436	Health Economics	3	F
HSA 6152	Overview of US Health Policy	3	Ss
HSA 6198	Information Management in Health Administration	3	S
PHC 6103	Systems Thinking and Public Health	3	SS
	navioral Sciences (Requires PHC 6050 or PHC 6052)	,	Г
PHC 6700	Social & Behavioral Research Methods	3	SS
PHC 6251	Assessment and Surveillance in Public Health	3	S
PHC 6405	Theoretical Foundations in Public Health	3	SS
PHC 6146	Public Health Program Planning and Evaluation	3	F
PHC 6195	Health Information for Diverse Populations: Theory & Methods	3	S
	Optional, up to 12 credits (Choose from electives in any concentration)	1	T
PHC courses	Public Health coursework offered by other concentrations	3	F,S,ss
	Environmental Health	1	
PHC 6183	Public Health Disaster Preparedness and Emergency Response	3	ss, F
PHC 6519	Zoonotic Diseases in Humans and Animals	3	S, ss
PHC 6937**	Special Topics: Environmental Epidemiology (Requires live online	3	F
PHC 6520^			
1110 0020	Introduction to Foodborne Diseases* (pre-req: PHC 6001)	3	S(even yrs)

PHC 6301 <sup>^</sup>	Aquatic Systems and Environmental Health (Requires live online meetings)	3	S(odd yrs)
PHC 6326 <sup>^</sup>	Environmental and One Health	3	SS
PHC 6515 <sup>^</sup>	One Health: Applied Techniques in Public Health Entomology	3	SS
PHC 6446 <sup>^</sup>	Systems Thinking in One Health	3	Fall
	Epidemiology		
PHC 6009	Epidemiology and Biology of HIV/AIDS (pre-req: PHC 6001)	3	ss (even yrs)
PHC 6521	Fundamentals of Public Health Nutrition	3	F
	Population Health Management		
HSA 6115	Introduction to Management of Health Service Organizations	3	S
PHC 6530	Public Health Issues of Mothers and Children	3	S
HSA 3685	Performance Management for Health Care Managers	3	SS
PHC 6937**	Social Stratification and Health	3	F
	Social and Behavioral Sciences		
PHC 6447	Ecology of HIV/AIDS in the Rural South	3	F (even yrs)
PHC 6404	Sexuality, Gender, and Public Health	3	S
PHC 6441	Health Disparities in the United States	3	S
PHC 6704	Community Based Participatory Research	3	S
PHC 6534	Trauma Informed Approaches for Individuals, Communities, and Public Health	3	S
PHC 6451	Building Resiliency in Individuals and Communities for Public Health	3	SS
III. Applied Pr	actice Experience: 3 credits		
PHC 6941	Applied Practice Experience	3	All

<sup>\*</sup>F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

#### **Notes**

- Students in the Public Health Practice concentration must take at least four courses in the core areas.
- \*\*There are several courses with the course number PHC 6937. These courses are currently classified as "special topics" courses and are awaiting permanent course number reassignments.
- Courses denoted with ^ are offered by another department but approved for MPH coursework. These will have a different tuition rate.
- A personalized plan of study will be created for each student upon admission and acceptance into the program.

# College of Public Health and Health Professions

# <u>Sample</u> Student Plan of Study: Campus Public Health Practice - 48 Credit (Traditional)

(Accelerated 42-Credit Option for Health Professionals MD, DVM, DMD/DDS, PharmD, etc.)

#### Graduate Year 1

# Graduate Year 2

		Notes
	Fa	ll Semester Total Hrs 12
Course	Hrs	Title
		Public Health Core
PHC 6410	3	Psych, Soc, Behavioral Issues in PH
PHC 6001	3	Principles of Epidemiology
HSA 6114	3	Health Care System and Policy
PHC 6052	3	Introduction to Biostatistical Methods
Spring	Semest	er Total Hrs 12 (Accelerated: 9 Credits)
Course	Hrs	Title
		Public Health Core
PHC 6313	3	Environmental Health Concepts in PH
Conce	entration	Core-Population Health Management
HSA 6436	3	Health Economics
С	oncentra	ation Core -Environmental Health
PHC 6018	3	Environmental Ecology of Humans & Animals
		Concentration Elective
	3	

Course Hrs Title  Concentration Core-Epidemiology  PHC 6002 3 Epidemiology of Infectious Diseases (online)  Concentration Core-Social and Behavioral Sciences  PHC 6251 3 Assessment and Surveillance for PH  Fall Semester Total Hrs 12 (Accelerated: 9 Credits)  Course Hrs Title  Concentration Core -Research Methods  PHC 6716 3 Survey Research Methods  Concentration Core -Environmental Health  PHC 6764 3 Global Health and Development I  Concentration Core-Social and Behavioral Sciences  PHC 6146 3 Public Health Program Planning and Evaluation  Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
PHC 6002 3 Epidemiology of Infectious Diseases (online)  Concentration Core-Social and Behavioral Sciences  PHC 6251 3 Assessment and Surveillance for PH  Fall Semester Total Hrs 12 (Accelerated: 9 Credits)  Course Hrs Title  Concentration Core -Research Methods  PHC 6716 3 Survey Research Methods  Concentration Core -Environmental Health  PHC 6764 3 Global Health and Development I  Concentration Core-Social and Behavioral Sciences  PHC 6146 3 Public Health Program Planning and Evaluation  Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
Concentration Core-Social and Behavioral Sciences
PHC 6251 3 Assessment and Surveillance for PH  Fall Semester Total Hrs 12 (Accelerated: 9 Credits)  Course Hrs Title  Concentration Core -Research Methods  PHC 6716 3 Survey Research Methods  Concentration Core -Environmental Health  PHC 6764 3 Global Health and Development I  Concentration Core-Social and Behavioral Sciences  PHC 6146 3 Public Health Program Planning and Evaluation  Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
Fall Semester Total Hrs 12 (Accelerated: 9 Credits)  Course Hrs Title  Concentration Core -Research Methods  PHC 6716 3 Survey Research Methods  Concentration Core -Environmental Health  PHC 6764 3 Global Health and Development I  Concentration Core-Social and Behavioral Sciences  PHC 6146 3 Public Health Program Planning and Evaluation  Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
Course Hrs Title  Concentration Core -Research Methods  PHC 6716 3 Survey Research Methods  Concentration Core -Environmental Health  PHC 6764 3 Global Health and Development I  Concentration Core-Social and Behavioral Sciences  PHC 6146 3 Public Health Program Planning and Evaluation  Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
Concentration Core -Research Methods  PHC 6716 3 Survey Research Methods  Concentration Core -Environmental Health  PHC 6764 3 Global Health and Development I  Concentration Core-Social and Behavioral Sciences  PHC 6146 3 Public Health Program Planning and Evaluation  Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
PHC 6716 3 Survey Research Methods  Concentration Core - Environmental Health  PHC 6764 3 Global Health and Development I  Concentration Core-Social and Behavioral Sciences  PHC 6146 3 Public Health Program Planning and Evaluation  Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
Concentration Core -Environmental Health  PHC 6764 3 Global Health and Development I  Concentration Core-Social and Behavioral Sciences  PHC 6146 3 Public Health Program Planning and Evaluation  Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
PHC 6764 3 Global Health and Development I  Concentration Core-Social and Behavioral Sciences  PHC 6146 3 Public Health Program Planning and Evaluation  Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
Concentration Core-Social and Behavioral Sciences  PHC 6146 3 Public Health Program Planning and Evaluation  Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
PHC 6146 3 Public Health Program Planning and Evaluation  Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
Concentration Core-Population Health Management  HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
HSA 6115 3 Introduction to Management of Health Services Org  Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
Spring Semester Total Hrs 6  Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
Course Hrs Title  Applied Practice Experience  PHC 6941 3 Applied Practice Experience
Applied Practice Experience  PHC 6941 3 Applied Practice Experience
PHC 6941 3 Applied Practice Experience
Public Health Core
PHC 6940 3 MPH Capstone

# College of Public Health and Health Professions Sample Student Plan of Study: Campus Public Health Practice - 48 Credit (Joint MD/MPH or PharmD/MPH)

Fall Semester_Total Hrs <u>15</u>			
Course	Hrs	Title	
Public Health Core			
PHC 6410	3	Psych, Soc, Behavioral Issues in PH	
PHC 6001	3	Principles of Epidemiology	
HSA 6114	3	Health Care System and Policy	
PHC 6052	3	Introduction to Biostatistical Methods	
PHC 6313	3	Environmental Health Concepts in PH	
Spring Semester Total Hrs <u>15</u>			
		Spring Semester Total Hrs <u>15</u>	
Course	Hrs	Spring Semester Total Hrs <u>15</u> Title	
Course	T		
Course PHC 6000	T	Title	
	Hrs	Title  EPI Concentration Core	
PHC 6000	Hrs 3	Title  EPI Concentration Core  Epidemiological Research Methods I	
PHC 6000 PHC 6194	3 3	Title  EPI Concentration Core  Epidemiological Research Methods I  Spatial Epidemiology	
PHC 6000 PHC 6194	3 3	Title  EPI Concentration Core  Epidemiological Research Methods I  Spatial Epidemiology  Regression Analysis (online)	

# Graduate Year 1 Graduate Year 2

Summer Semester Total Hrs <u>6</u>			
Course	Hrs	Title	
		Applied Practice Experience	
PHC 6941	3	Applied Practice Experience	
		Public Health Core	
PHC 6940	3	MPH Capstone	

# College of Public Health and Health Professions

Sample Student Plan of Study: Campus Public Health Practice - 48 Credit (Joint DVM/MPH)

Year	Fall Credits	Spring Credits	Summer Credits
Pre-DVM			Summer 2022
			PHC 6001 Principles of Epi (web) - 3
			HSA 6114 Health Care System & Policy (web) - 3
			PHC 6519 Zoonotic Diseases (web) - 3
			PHC 6183 Disaster Preparedness (web) - 3
1 <sup>st</sup> Year	Fall 2022	Spring 2023	Summer 2023
	DVM Courses	DVM Courses	PHC 6313 Environmental Health (web) - 3
		VEM 5150 Vet Parasitology - 1	PHC 6515 One Health: Applied Techniques in Public
			Health Entomology (web) - 3
			PHC 6002 Epi Inf Diseases (web) - 3
			PHC 6937 Vet Epi Research (on campus) - 3
2 <sup>nd</sup> Year	Fall 2023	Spring 2024	Summer 2024
	DVM Courses	DVM Courses	DVM Clinical Rotations
	VEM 5141 Vet Infectious Diseases - 3	VEM 5503 Vet Epidemiology - 2	
	VEM 5172 Vet Toxicology - 1	VEM 5504 Vet Prev/Prod Medicine - 2	
3 <sup>rd</sup> Year	Fall 2024	Spring 2025	Summer 2025
	DVM Clinical Rotations	PHC 6050 Stat Methods (web) - 3	PHC 6941 - Applied Practice Experience - 3
		PHC 6410 Psych, Behav, Soc PH (web) - 3	PHC 6940 MPH Capstone - 3
	Start thinking about PH internship	DVM Courses	DVM Externships
		Start planning PH internship	
4 <sup>th</sup> Year	Fall 2025	Spring 2026	
	DVM Courses	DVM Clinical Rotations	
	DVM National Board Exam	MPH Special Project Presentation at CVM Phi	
		Zeta Research Emphasis Day	

Public Health Core Courses (16 credits):	Concentration Core Courses (15 credits):	Courses Accepted from DVM (12 credits):**
PHC 6001 Principles of Epidemiology - 3	Concentration 1: Environmental Health (EH) - 9	VEM 5150 Veterinary Parasitology - 1
HSA 6114 Health Care System and Policy - 3	Concentration 2: Epidemiology (Epi) - 6	VEM 5141 Veterinary Infectious Diseases - 3
PHC 6050 Statistical Methods for Health Sc - 3	PHC 6519 Zoonotic Dz Humans and Animals (EH) - 3	VEM 5503 Veterinary Epidemiology - 2
PHC 6313 Environ Health Issues in PH - 3	PHC 6183 Disaster Preparedness (EH) - 3	VEM 5172 Veterinary Toxicology - 1
PHC 6410 Psych, Beh, and Social Issues in PH - 3	PHC 6937 Health, Risk, and Crisis Comm (EH) - 3	VEM 5504 Veterinary Prev and Prod Medicine - 2
PHC 6601 Seminar in Contemporary PH Issues - 1	PHC 6937 Veterinary Epidemiologic Research (Epi) - 3	
	PHC 6002 Epidemiology of Infectious Diseases (Epi) - 3	** These courses are required for the DVM. You will choose 3
Public Health Internship (3-6 credits): PHC 6941 Applied	additional graded DVM credits (must earn a grade of "C" or better). See Sample Curriculum on page 20 for options.	

The MPH portion of the joint DVM/MPH is a 48-credit program: 36 credits are completed in PHHP, and 12 credits are shared with the DVM degree

## PREPARING TO GRADUATE

## Important Information

- 1. All students must submit the UF degree application to be added to the MPH degree list. The degree application can be accessed via ONE.UF.
- 2. Make sure you are aware of all forms required by the program and the Graduate School during your program, e.g., certification of all degree requirements, and application for degree form. Students are responsible for ensuring all forms are completed and submitted to the appropriate offices by the deadlines indicated.
- 3. The correct title of the degree: Master of Public Health (MPH)
- 4. Review the <u>Graduate Student Handbook</u>, which includes information on your rights, responsibilities, and procedures you need to follow to ensure all requirements for graduation are completed.
- 5. The Graduate School publishes important deadlines each semester which are available on the calendar on their website.
- 6. The term before you graduate you are responsible for checking your file in the Graduate Information Management System (GIMS) to ensure the correct concentration has been entered. Students should also check to make sure that any previous grade changes have been made and incompletes are resolved.
- 7. Per graduate school policy, students must register in their final term of registration (3 credits fall or spring semester: 2 credits summer semester) before graduating from the MPH.
- 9. Additional Information for currently enrolled students is available online at the <u>Graduate</u> School website.
- 10. The MPH program conducts exit surveys of graduating students each semester. The purpose of the exit survey is to elicit feedback about the MPH program from the student's perspective and to gauge the program's strengths, weaknesses, and growth. After their final Capstone presentation, each student completes the survey within the Capstone Canvas portal. Completion of an exit survey is a graduation requirement.

## **CAMPUS FACILITIES**

## **HPNP Complex**

Most of your classes and the administrative areas for your programs are in the HPNP (Health Professions, Nursing, & Pharmacy) Complex. This is a state-of-the-art, wireless facility shared by the colleges of Public Health and Health Professions, Nursing, and Pharmacy. The building is located just north of the Communicore building, the other major facility in which you may have classes. The HPNP Complex has five floors, with the ground floor and a section of the first floor representing common space. The upper floors house college-specific personnel with Public Health and Health Professions occupying the east wing, Nursing the middle section, and Pharmacy the west wing

Class Locations: Many of your classes will be located on the ground or first floor of the HPNP Complex. To assist you in finding your classes, the layout is as follows:

- All classrooms assigned on the ground floor begin with the letter G. All classrooms on the first floor begin their numbering with a 1.
- The numbering continues from east to west with all rooms on the east side of the building (the Public Health and Health Professions side) beginning with a 1, the central part (Nursing) beginning with a 2, and the west side (the Pharmacy side), beginning with a 3. For example, if your classroom is scheduled to be in G300, your classroom location is on the ground floor on the west side of the building.
- The auditorium (1404) is in the far west part of the building and has a reception area with tables below it on the ground floor allowing you to study and eat. There are vending machines and a student bulletin board located in the reception area.

**MPH Student Lounge**: The MPH student lounge is located on the third floor, room 3190, between the East elevators.

**Student Services Center:** The Student Services Center is in the center section of the ground floor (G205). This is where you will find the financial aid advisor.

## Library

The Health Science Center Library system is one of the largest health science center libraries in the United States. It is located on the first, second, and third floors of the Communicore Building. You must have your Gator One Card available when in the library because some library services are limited to Health Science Center personnel and students. Books placed on reserve for health science courses will be on the second floor of the library. There also is a computer lab on the second floor for conducting literature searches.

Monday - Thursday	7:30 am - 11:30 pm
Friday	7:30 am - 7:00 pm
Saturday	8:00 am - 5:00 pm
Sunday	1:00 pm - 11:30 pm

Holiday schedules are posted on the door of the library and available <u>online</u>. Xerox machines are located on the second and third floors of the library. For additional information, check the brochures available at the library. The <u>UF Library Research</u> section of this handbook provides helpful information for completing online searches and also resources within the Health Science Center Library (e.g., nap pods!).

## Academic Technology Learning Spaces / Computer Labs

AT Learning Spaces is open to all UF students for coursework and personal use. The space provides computer stations, study rooms, and printing services. All users must show a Gator One card. The labs are staffed with student lab operators who manage lab activity and provide limited software and hardware assistance. Staff do not teach classes or help students with their homework. For locations and more information visit their website.

#### **Bookstores**

The bookstore/convenience store for the Health Science Center is in the Medical Sciences Building near the Post Office on the ground floor. This bookstore carries texts for HSC courses and is open Monday – Friday, 8:00 am – 4:00 pm.

#### Career Resource Center

The Career Resource Center provides career planning and employment assistance to all students and alumni. The center offers a wide range of seminars on topics such as interviewing techniques and resume preparation. In addition, the center contains an extensive library on different career options, data on economic trends, and facilitates recruitment activities for a variety of businesses. The Career Resource Center is located on the first floor of the Reitz Union. For more information, contact 392-1601 or visit their website.

#### Counseling & Wellness Center

The University Counseling Center, located in Peabody Hall, offers a wide range of services to assist students with academic, career, or personal questions and concerns. Services include individual and group counseling and therapy, workshops on a variety of topics, such as building math confidence, managing stress, and developing effective study skills, and services related to career development. For more information, contact 392-1575 or <a href="check-out-the-website">check out the website</a>.

#### **CPR Certification**

You are encouraged to become CPR certified. CPR certification is offered through the American Heart Association and the Red Cross. For students' convenience, CPR courses are also regularly offered at the Student Health Care Center. Call 392-1161 x 4283 for further information.

#### **Food Service**

 The hospital cafeteria, Subway, and Wendy's are all located on the first floor of UF Health Shands Hospital.

- The Sun Terrace is in the courtyard near the entrance to the Health Science Center Library and has several dining options.
- Reitz Union, located on Museum Road, also offers a variety of restaurants.

Days and hours vary per food court and also by time of year (e.g., class breaks may result in a break in dining hours). Hours for dinging locations across campus are available <u>online</u>.

#### Gift Store and Miscellaneous Items

UF Health Shands Hospital houses a gift store called the Gift Stop, which is located on the main floor (first floor) of Shands. An ATM is also located near the central elevators near the cafeteria. The Reitz Union has many different shops that carry a variety of items. There are also ATMs located at the Reitz Union. Each of these stores has its own business hours.

### Newspapers

Newspapers are available in UF Health Shands Hospital (near the East Entrance and North side of the Communicore Building) and on Museum Road in front of Beaty Towers. *The Florida Alligator*, the "unofficial student newspaper," is distributed throughout the campus and can also be found at distribution points around the Gainesville community. It is published daily during the regular semester schedule.

#### **Parking**

Parking facilities are extremely limited. Therefore, you will be required to park in the area assigned to you at the time you register your vehicle on campus. Parking decals are available through <u>UF's Traffic and Parking Services online</u>.

#### Post Office

A post office is located on the ground floor of the Medical Sciences Building near the bookstore. Hours are Monday - Friday, 8:00 am - 3:00 pm.

## **Teaching Center**

The Teaching Center provides students with assistance in written communication skills, such as developing and organizing papers, building vocabulary, grammar, and study skills, and GRE preparation. The center is in S.W. Broward Hall. For more information, call 392-2010 or visit <a href="https://teachingcenter.ufl.edu/">https://teachingcenter.ufl.edu/</a>.

### Student Health Care Center at Shands Hospital

The Student Health Care Center at Shands is a satellite clinic of the main Student Health Care Center located on Fletcher Drive on campus. Student Health at Shands offers a variety of clinical services, including primary care, women's health care, immunizations, and pharmacy services. The clinic is located on the second floor of the Dental Tower in the Health Science Center. For more information, contact the clinic at 392-0627 or check out the website.

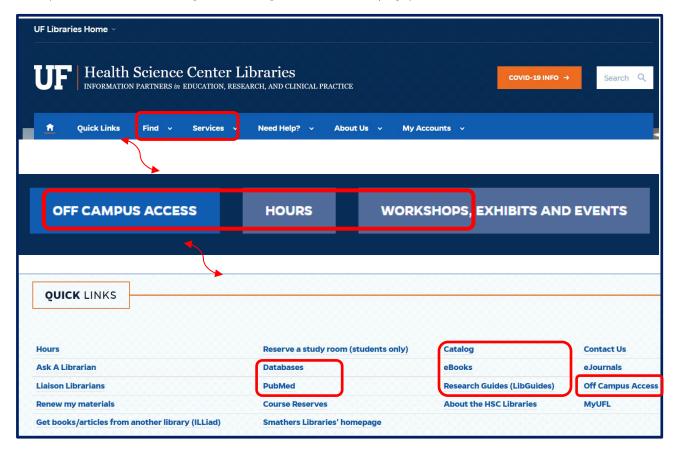
### Other Resources

There are a variety of other services not represented in this manual that are available at the University of Florida. Examples include assistance for students with disabilities, legal services, speech and hearing services, dental care, and recreational facilities. You may consult the Graduate Catalog, the Student Guide, and the University Web site for descriptions and additional information. Contact the Office of Student Services, 392-1261, Peabody Hall, for your copy of the Student Guide or check out the DSO website.

## UF LIBRARY RESEARCH

Health Science Center Library Webpage <a href="http://www.library.health.ufl.edu/">http://www.library.health.ufl.edu/</a>

The top and bottom of this page link you to databases, e-journals, e-books and other library services, a 3<sup>rd</sup> (minor area, even though it's the highest one on the page) to some basic info.



#### Off-campus Access to UF Libraries' Electronic Content

https://uflib.ufl.edu/using-the-libraries/off-campus-access/

Note: For <u>access to ALL electronic resources</u> (Databases, eBooks, eJournals, course reserves materials) you *must* be on a *UF computer* OR *logged in to UF libraries through the VPN or Proxy*.

#### Virtual Private Network (VPN)

Instructions on downloading VPN ("Virtual Private Network") software, which takes at most 20 minutes. Easy, always available. BUT! requires login and can only be downloaded onto one non-SHARED computer.

#### Proxy Server

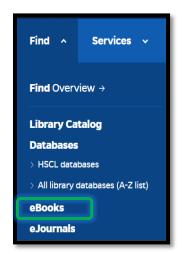
Available from any computer anywhere. But login required and must be enrolled/working at UF.

- To login in top pair of boxes: Enter your GatorLink username & password --OR--
- To login in the **bottom** pair of boxes. **Top** box: Enter the 14-digit (200XXX...) number under the barcode of your Gator1 card. **Bottom** box: Enter your birth *month* as 2 digits (June = 06) followed immediately following (without spaces) by *date* in 2 digits (the 5th = 05).

After successful login, hitting your browser's Back button can pop you out of the proxy. If you can't access a journal or e-resource that you think you should be able to access after you've logged in, check to make sure the .lp. is still in the URL. If it is not, you may have to login again. If it is, contact me or the library and we'll check UF access and repair if we need to.

#### <u>Information resources that UF Libraries licenses for UF students</u>

Click **FIND** and select the appropriate information tool from the selections: **Databases**, **eBooks or eJournals**.

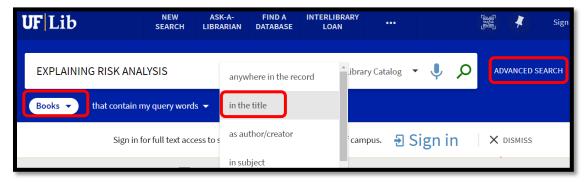


## Electronic Books (eBooks)

Download & print-out is usually by page, sometimes by section or chapter, rarely if ever the whole book.

The quickest way to search for a PRINT or Electronic book *whose title* or author you know is the <u>UF</u> (not statewide) **Library CATALOG**.

If you know *only one element* (title, author, subject), use the default basic catalog search shown below. Set the dropdowns beneath the search box to show that you only want books, and you only want the words you've entered to appear in the title, author OR subject.



If you know 2+ elements--like author and title--use the **Advanced Search**. Below we're looking for author Leon Gordis' book entitled *Epidemiology*. In Advanced Search, you'll need to indicate the type of material (book, here) at the right. For print books, don't for get to note LOCATION of book (which library branch) and Call # (an alpha-numeric system for arranging print materials on library shelves by subject.)





#### e(lectronic)JOURNALS

To look for eJournals whose title you know, use the eJournal link under FIND

Note: Library catalog don't search for individual book chapters or journal articles, so search the **library catalog** for the **JOURNAL** title. Once you've identified the journal you're looking for, you can drill down to the volume, issue (year, month) and page number for the article you want.





To look for ALL journals (Print and Electronic), use the **Find** pulldown near the top of the Health Science Center Libraries' home page and scroll or click on **Library Catalog**.

Or if your screen is minimized, the solid blue bar of options (Quick Links, Find, Services, etc.) may not show at the top of the HSCL homepage. In that case, just scroll to the **bottom** of the page and click on **Catalog** 



Type in the **title** of the **JOURNAL** (Not of the ARTICLE), set the pulldown on the right to **UF Library Catal**og and set the two pulldowns under the search box to **Journals** and **in the title**. Finally, click on the green magnifying glass at the extreme right of the search box.



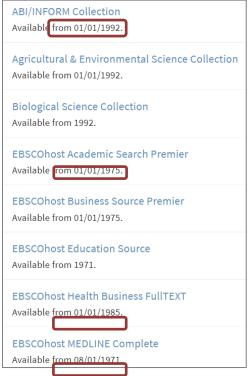
Enter **JOURNAL title** (NOT article title) or if you aren't completely sure, enter *distinctive* words from the *journal* title. If you can, before you start typing, check to see if the word Journal is actually part of the official title of the journal. PubMed journal title abbreviations are usually but not always recognized.

**Electronic** ≠ **full-text**: Table of Contents (TOC) or <u>TOC + Abstracts</u> may be the only items available electronically for **free**, especially for pre-1995 publications or those published within the past 18 months.

If a journal is not available in full text through links in databases, check the library catalog to see if we have the *paper* issue for you to scan/photocopy/read. Or try *distinctive* title words/author last names in Google Scholar.

Here we've looked for *AJPH* and found several "runs" of it, with different date ranges.

Clicking on the Available Online link for the first entry yields a long list of databases that index AJPH and may have links to full text. But notice the variety in years covered. Look for a link that will include the year you need before you click and get frustrated at lack of access!





Knowing how important the most recent issues are, journals often EMBARGO the most recent 6-12 months of their electronic versions so watch for that, too, before you click links.

When multiple sources are identified as having your target ejournal issue (as shown in light blue boxes above), select first **Springer, Wiley-Blackwell, Sage**, any source whose name contains the words **Academic** or **ScienceDirect** (especially Academic Search Premier) or **PubMed Central** for the easiest navigation to your target article and its most reliable access.

Many -though not all--databases at <a href="https://library.health.ufl.edu/find/databases/">https://library.health.ufl.edu/find/databases/</a> link to online versions of some—again, not all--journals. For

example, if you're on a UF computer or have accessed PubMed thru Proxy/VPN AND the UF library, the <u>Abstract</u> option in the Email or Display (upper left) will send you links to *possible* online full text via publishers' webpages or through our library catalog.

PLEASE NOTE: No guarantees of full text from **publishers'** buttons in PubMed unless the icon specifically says <u>FREE</u> (compare wording on icons below) OR <u>Open Access</u>. It can be worthwhile to try the publisher's icon if the UF button doesn't provide full text. The **PMC** button should ALWAYS get you free full-text—on any computer, from anywhere at any time.



Aside from the **Free in PMC** button (2<sup>nd</sup> from right, top row above), PLoS, BMC or Open Access journals, your <u>best</u> chance for free electronic full-text access in PubMed *and other databases* when connecting on campus or thru VPN or the Proxy is via the **Find it @UF** button.

Find it 9 UF

### UF Libraries CATALOG https://uf.catalog.fcla.edu/uf.jsp

All PRINT journals and books owned by the Health Science Center Library are shelved on the 3<sup>rd</sup> floor (except those your professors have put on print COURSE RESERVES behind the Information Desk on the 1<sup>st</sup> floor—the same desk where you check out materials & study room keys.)

#### **UBorrow**

Found a book/journal you need in ANY of the UF libraries, but it's been checked out by someone else? Click **Request** under due date to have it recalled from the other user and held for you.

If you'd like to borrow a PRINT (NOT electronic book) that's not available at UF, you will--sometime later this academic year (maybe this calendar year)--be provided with a **UBorrow** button. Through this service, if a PRINT book is available at another college library in the state, submitting a UBorrow request will get it sent to you...

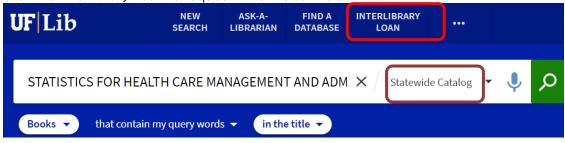
Just make sure you **return** it to a UF library **on time** so we can ship it back to the loaning library by its due date or you'll get a fine!

The request form will auto-fill the citation information. You will just need to indicate <u>which UF library</u> <u>your way to pick it up from</u>, then click the **Place Request** button.

#### **INTERLIBRARY LOAN** (UF's system is called **ILLiad**)

Register (takes less than 2 minutes) and complete the request form <a href="https://uflib.illiad.oclc.org/illiad/FUG/logon.html">https://uflib.illiad.oclc.org/illiad/FUG/logon.html</a> to borrow the print book from another library or get copies of journal articles, book chapters, etc. that are not available through our library or UBorrow systems.

Below, we've looked for a book that's in neither the UF NOR the statewide library catalog, so we can click the Interlibrary Loan to request it from elsewhere.



**Delivery can take several DAYS: plan your time accordingly!** We have no control over the schedules, manpower or technologies of these other libraries. Materials check-out period is the same for everyone—no extra time for posting through snail mail. So watch your due dates carefully. Use as quickly as you can and return immediately!

You will need your GatorLink username and password for either of these last two options (**UBorrow** or **InterLibrary Loan**), or to request an item that someone else has checked out be recalled for you or that is unavailable because it is being repaired.

#### Useful DATABASES of (mostly published) literature

(on <a href="https://library.health.ufl.edu/find/databases/">https://library.health.ufl.edu/find/databases/</a> except when other URLs are given below):

 PubMed = huge (30M+ entries) database. Use the navigation from the Databases page or https://pubmed.ncbi.nlm.nih.gov/?otool=ufhsclib. if you're logged in thru the Proxy OR VPN. Subject strengths: diseases, medical/surgical/pharmaceutical treatments, epidemiology, health admin/econ/policy, program evaluation, diagnosis, vet med, environmental health. Explore "FAQ and User Guide" links at https://pubmed.ncbi.nlm.nih.gov/help/ to reduce # of irrelevant search results.

#### 2. EBSCOhost Web.

You can search multiple databases simultaneously. Probably the most useful ones:

- Academic Search Premier (multiple subjects, high percentage of full-text)
- APA PsycINFO (includes psychosocial risks/sequelae for physical conditions)
- CINAHL (esp. for health admin/rehab/patient care)
- Health Business (also for Health Admin: Business Source Premier and EconLit)
- **Health Source: Nursing/Academic** (for health admin/rehab/patient care)

Also potentially useful: Ageline (aging [50+ yr olds] issues); Biological & Agricultural Index; Business Source Premier (economics & management) Chicano Database; Communication & Mass Media Complete (health communication/promotion); Education Source; ERIC (education); Fish Fisheries & Aquatic Biodiversity Worldwide; GreenFILE (pollution, climate change); Health Source: Nursing/Academic Edition; LGBTQ+ Source; Psychology & Behavioral Sciences Collection; Public Administration; Race Relations; Sociological Collection; Sport Discus (fitness & nutrition).

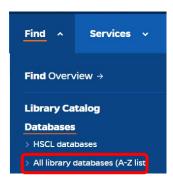
3. **Web of Knowledge - Web of Science** enables you to build an entire paper from even a single citation by listing publications used to write that single article (Cited References) and publications that subsequently cited that article (Time Cited). Other potentially useful databases in this set:

Times Cited: 1 (from Web of Science Core Collection)

Web of Science Core Collection

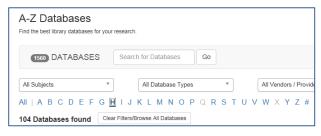
**CAB Abstracts and Global Health** and **Zoological Record.**Both cover zoonoses, animal health, nutrition. CAB also covers crop health. It is our only specifically global health database.

- 4. EPA's Integrated Risk Information System https://www.epa.gov/iris
- 5. **HeinOnline –** For **Legal** literature



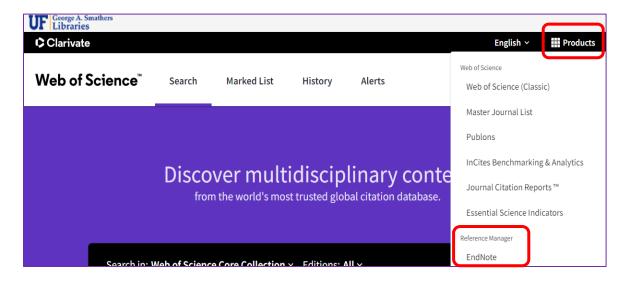
Find in the **All library databases A-Z List** at https://guides.uflib.ufl.edu/az.php

Click on the letter H, then scroll down the alphabetic list to HeinOnline. Scan the long list of the



many small databases with this resource. Of possible interest: Federal Register Library, Subject Compilation of State Laws, US Code, or US Statutes at Large

- 6. Nexis Uni—business and law Also available through the All Databases A-Z list link under N
- 7. **EndNote Web** formats references for you both in the body of your research paper and at its end. Free while you're a UF student. Easily shareable after you sign up for an account (MUCH easier to do on campus.) Available through the library's database **Web of Science**. Go to **Products** in upper right and under **Reference Manager** select **EndNote** toward the bottom of the list.



- 8. **Cochrane Library** for evidence-based medicine/policy/admin. <a href="http://www.cochranelibrary.com/">http://www.cochranelibrary.com/</a>
- 9. ProQuest = You can search multiple databases simultaneously but you're likely to get 1000s of results. To avoid irrelevant results from off-topic databases, search each database individually, using tis Advanced Search page and Thesaurus of subject headings if it has one. To access any listed below, go through HSCL's Databases page, select ERIC or Dissertations & Theses, then click Change Databases for the list to select from

Some entries on the **Select Databases** page contain a group of databases. Click  $\Box$  to search all databases in the group OR click  $\Box$  then the individual database  $\Box$  to select specific databases within the group.

ABI INFORM and/or Business Market Research Collection = business, admin/mgt SciTech Premium Collection = includes Natural and Tech Collections and Science database Social Science Premium Collection: Includes Education, Politics (includes PAIS and Policy File for public policy) and Sociology Collections. The latter is where you'll find ASSIA (Applied Social Sciences Index &Abstracts—productive for me) and other social-behavioral databases. Dissertations: ProQuest Dissertations & Theses-Global (from the US & other English-speaking countries) provides many full-text for free. Note: Thesis in Europe can mean PhD work). Newspapers: US Major Dailies 1980-current Chicago Tribune, LA & NY Times, Washington Post. Historical Newspapers (farthest back 1851, most recent end 2005: Atlanta Constitution, Chicago Defender and Tribune, Christian Science Monitor, NY Times, Wall Street Journal, Washington Post)

Other potentially useful databases in ProQuest: **Ethnic NewsWatch, GenderWatch**, **GeoRef** (geosciences), **NTIS** (technology)

10. Campbell Collaboration <a href="https://campbellcollaboration.org/library.html">https://campbellcollaboration.org/library.html</a> for evidence-based literature reviews of social issues (business, education, int'l development, nutrition, criminal justice, disability, social welfare).

#### **Course Reserves**



#### **ELECTRONIC RESERVES**

Login. The system is programmed to show the VPN reminder even if you're on campus. Click **Services**, drag to **Course Reserves** 

https://library.health.ufl.edu/services/coursereserves/ Login using the code your professor has provided you. Use the pull-down menu to retrieve the list of electronic course reserve materials for your course by instructor, course or department.



#### **PRINT** RESERVES

Check out PRINT course reserve materials (books, chapters, videos) by requesting them with Gator1 card in hand at the Information Desk on the Health Science Center Library's 1st floor.

**Library classes** – on specific databases like PubMed, CINAHL and Web of Science; bibliographymaking software like EndNote, SciWheel and Zotero; systematic reviews; data management; GitHub; writing usable code, writing publishable articles. For schedule and registration <a href="https://ufl.libcal.com/calendar/HSCLWorkshops/">https://ufl.libcal.com/calendar/HSCLWorkshops/</a>

## Help/Tutorials for databases, software, and other information sources:

General databases and software <a href="https://library.health.ufl.edu/services/library-classes-and-tutorials/databasetutorialsandmore/">https://library.health.ufl.edu/services/library-classes-and-tutorials/databasetutorialsandmore/</a>

#### <u>Useful Websites</u>

- Public Health LibGuide <a href="http://guides.uflib.ufl.edu/public\_health">http://guides.uflib.ufl.edu/public\_health</a>
- Precision Public Health (data sets) https://guides.uflib.ufl.edu/precisionpublichealth

- Florida Health CHARTS <a href="http://www.flhealthcharts.com/charts/OASpecial.aspx">http://www.flhealthcharts.com/charts/OASpecial.aspx</a> (for Florida statistics)
  - Evidence-Based "Free" Public Health databases (some are free for U Massachusetts but not UF students, some are dysfunctional due to age)
     <a href="https://library.umassmed.edu/ebpph/phdbs-az.php">https://library.umassmed.edu/ebpph/phdbs-az.php</a>
  - Environment and Toxicology <a href="https://wayback.archive-it.org/org-350/20190606165728/https://envirotoxinfo.nlm.nih.gov/">https://envirotoxinfo.nlm.nih.gov/</a> (archived, no new content beyond 2018)
  - **HIV/AIDS** https://hivinfo.nih.gov/

# UF Legal Information Center's "Legal Research for Undergraduates and Non-Law Students"

- "Legal Research for Undergraduates and Non-Law Students" https://guides.law.ufl.edu/c.php?g=808130 Cases and Codes/Statutes tabs especially useful
- Administrative Law <a href="https://guides.law.ufl.edu/adminlaw">https://guides.law.ufl.edu/adminlaw</a>
- Environmental Law <a href="https://guides.law.ufl.edu/environmentallaw">https://guides.law.ufl.edu/environmentallaw</a>
- Government documents <a href="https://guides.law.ufl.edu/GovDocs">https://guides.law.ufl.edu/GovDocs</a>
- WestLaw, Lexis Advance databases: access only for UF Law students (not on All Libraries A-Z list).

# Health Science Center Library facilities:

Hours: <a href="https://library.health.ufl.edu/about-us/hours/">https://library.health.ufl.edu/about-us/hours/</a>

**Study rooms**. Individual, on 2<sup>nd</sup> & 3<sup>rd</sup> floors, most with computers. Check out for a 4-hour period with your Gator1 (aka UF ID) Card with "Health Science Center" designation on it. Room space is renewable once, depending on demand. For a *single* study room, show your HSC Gator1 card.

For a *group* study room, show 3 Gator1 cards: 2 of the 3 people *must* be present and 2 of the ID cards *must* have the HSC designation. 24/7 Access =  $2^{nd}$  floor of library available for study. Your GATOR 1 card is required.

**Gator1 Cards** must be active (holders must be enrolled in the *current* semester) for room use, to check out materials *or access library electronic resources from off campus*. To activate your card, have it scanned at any library's main desk.





#### Reserve study rooms at:

Https://library.health.ufl.edu/services/reserve-a-room/reserve-a-study-room-students-only

If you <u>know in advance</u> that you'll need articles and citations during an off-campus internship or unenrolled school term, use your time on campus before you go to set up your EndNote Web account and download PDFs of articles you KNOW you'll need. Abuse of these privileges could cost the whole campus its access or the University huge fees (which would probably raise your tuition.)

## Copying/Printing.

- For instructions & costs go to <a href="https://library.health.ufl.edu/services/printing-and-copying/">https://library.health.ufl.edu/services/printing-and-copying/</a>, including instructions on using our 2- and 3-D printers
- Black & white copies/printouts =8¢/side (16¢/page) Color laser = 75¢/page
- NO double-sided printing/copying
- Scanners on all 3 floors of the Health Science Center Libraries. Only print or email options. Bring a
  flash/thumb/jump/USB drive with you or ask if one is available at the Health Science Center
  Library's 1<sup>st</sup> floor Information desk.

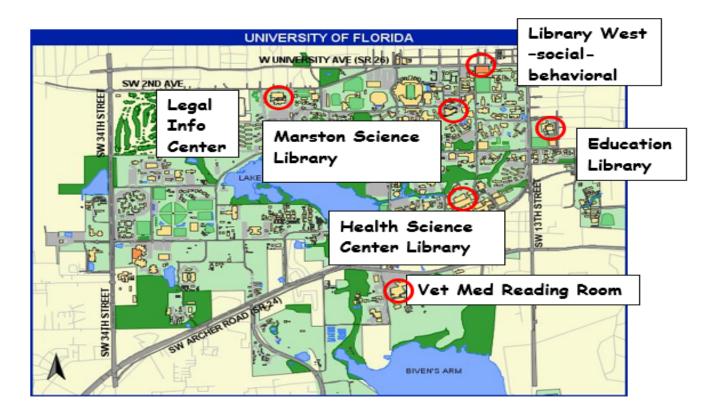
#### Other Health Science Center Library Facilities:

Quiet study - 3<sup>rd</sup> floor during library's main open hours 24/7 study - Available only to those who have applied with Health Science Center Libraries. Media players = a few study rooms have equipment for watching class-related videos STATISTICAL SOFTWARE (SPSS and SAS) is available on some public computers. Ask for directions to these computers at the Health Science Center Library's Information Desk on the 1st floor.

The Health Science Center Library's 2<sup>nd</sup> floor has two "Energy" (aka sleep) pods <a href="https://library.health.ufl.edu/2017/06/30/relax-in-our-energy-pods/">https://library.health.ufl.edu/2017/06/30/relax-in-our-energy-pods/</a> We almost always have a jigsaw puzzle going on the 1<sup>st</sup> floor under the stairs. Around final exam time we usually provide coffee and healthy snacks, visits by a therapy dog and sometimes art/craft/coloring projects.

Which UF libraries to go to for materials on areas of interest to PH students

Topic	Library	Library URL
Medicine, Health Professions,	Health Science Center	https://library.health.ufl.edu/
Health Administration		
Social/Behavioral Sciences	Library West	https://librarywest.uflib.ufl.edu/
Ag, Nutrition, Basic & Enviro Sci	Marston Science	https://marston.uflib.ufl.edu/
Health Econ, Admin/Mgt	Business Library (online only)	https://businesslibrary.uflib.ufl.edu/hom
		<u>e</u>
Health Education	Education	https://education.uflib.ufl.edu/
Health Policy, legislative/court	Legal Information Center	https://guides.law.ufl.edu/website/home
info		



#### Other "LibGuides" from the UF library system:

- Public Health <a href="https://guides.uflib.ufl.edu/public\_health">https://guides.uflib.ufl.edu/public\_health</a>
- Precision Public Health <a href="http://guides.uflib.ufl.edu/precisionpublichealth">http://guides.uflib.ufl.edu/precisionpublichealth</a> (many sources of data)
- Environmental & Global Health <a href="http://guides.uflib.ufl.edu/EGH">http://guides.uflib.ufl.edu/EGH</a>
- Health Services Research <a href="http://guides.uflib.ufl.edu/HSR">http://guides.uflib.ufl.edu/HSR</a> (includes admin, policy, econ)
- Health Outcomes and Biomedical Informatics <a href="https://guides.uflib.ufl.edu/hobi">https://guides.uflib.ufl.edu/hobi</a>
- Systematic Reviews (and other types of literature reviews) http://guides.uflib.ufl.edu/SR
- Writing/Publishing <a href="http://guides.uflib.ufl.edu/write\_publish">http://guides.uflib.ufl.edu/write\_publish</a>
- Research Data Management @ UF <a href="http://guides.uflib.ufl.edu/datamanagement">http://guides.uflib.ufl.edu/datamanagement</a>
- Responsible Conduct of Research <a href="http://guides.uflib.ufl.edu/stemrcr">http://guides.uflib.ufl.edu/stemrcr</a>
- Open Access http://quides.uflib.ufl.edu/OpenAccess
- Copyright on Campus (Basics) http://guides.uflib.ufl.edu/copyright
- NIH Public Access Policy and Manuscript Submission <a href="http://quides.uflib.ufl.edu/nih">http://quides.uflib.ufl.edu/nih</a>
- Infectious Diseases & Global Medicine <a href="http://guides.uflib.ufl.edu/infectiousdisease">http://guides.uflib.ufl.edu/infectiousdisease</a>
- Health Literacy http://guides.uflib.ufl.edu/health\_literacy
- Mobile Resources for Health <a href="http://guides.uflib.ufl.edu/mobilehealth">http://guides.uflib.ufl.edu/mobilehealth</a>

Hours (all campus libraries) <a href="http://www.uflib.ufl.edu/ps/hours/">http://www.uflib.ufl.edu/ps/hours/</a>

Study places (all campus libraries) <a href="http://www.uflib.ufl.edu/studyareas.html">http://www.uflib.ufl.edu/studyareas.html</a>