Questions? Please contact Elizabeth French at eafrench@unc.edu.

Eligibility: Enrolled master’s and doctoral student in good standing at the Gillings School of Global Public Health

How to Apply:
• For Summer 2018 TA opportunities, complete the online application https://unc.az1.qualtrics.com/jfe/form/SV_74lrsT3MJBRhAfb.
• For Fall 2018 TA opportunities, complete the online application here: https://unc.az1.qualtrics.com/jfe/form/SV_9oZNOCL86FTTHEN.
• Please also submit a CV to Elizabeth French at eafrench@unc.edu by Wednesday, May 2, 2018.

Background: The Gillings MPH Core is a 2-semester, 12-credit integrated curriculum that draws on essential public health principles, methods and evidence. Taught by an interdisciplinary team of instructors, the Gillings MPH Core spans disciplines to teach students how to identify, understand and solve public health problems. Throughout the 2-semester experience, students learn skills and core competencies that they can apply in global and local contexts, including the importance of humility and cultural competency in addressing health disparities. During fall semester, students focus on identifying, describing and prioritizing public health issues. They will develop skills in identifying appropriate public health research methods, analyzing quantitative data, reviewing public health literature, constructing an evidence-based argument, and collaborating on interdisciplinary teams.

For the Fall semester, we will need a total of 20 teaching assistants (TAs) to support teaching of the three core courses. Below is a list of TA opportunities, plus a description of qualifications and expectations for the position.

TA duties/expectations - GENERAL
All TAs for the Gillings MPH Core will be expected to:
• Lead discussion groups and/or Friday lab activities, as needed
• Attend classes and be thoroughly familiar with all readings and course assignments
• Grade assignments and assessments in a fair and reproducible manner using standardized grading rubrics
• Hold weekly office hours (in addition to faculty office hours) for students wanting to get extra help or ask questions
• Help support faculty in
  ▪ Answering students’ questions and addressing concerns
  ▪ Maintaining course Sakai sites and materials
  ▪ Managing course announcements and communications
  ▪ Identifying students who would benefit from additional help and/or outside resources (writing center, quantitative science tutor, etc.)
• Have a strong commitment to collaborative learning, innovative teaching approaches, and cross-disciplinary dialogue
• Have good people skills
## TA Opportunities, Summer 2018

<table>
<thead>
<tr>
<th>Course Title and Description</th>
<th>Day/Time</th>
<th>Qualifications</th>
<th>Responsibilities</th>
<th># of TA Positions</th>
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<tr>
<td><strong>SPH 713: Understanding Public Health Issues</strong></td>
<td>Variable</td>
<td>▪ Experience with Sakai&lt;br&gt;▪ Writing/editing skills Strong organization skills&lt;br&gt;▪ Responsive on email, and available for work during most weeks of the summer (it’s OK if student isn’t physically in Chapel Hill)&lt;br&gt;▪ Preferred: some public health practice experience</td>
<td>▪ Attend regular meetings with instructors (could be via Zoom)&lt;br&gt;▪ Work on building the course website&lt;br&gt;▪ Work with library to ensure availability of reading materials&lt;br&gt;▪ Provide student perspective on some of the course logistics and assignments&lt;br&gt;▪ Help develop class activities&lt;br&gt;▪ Develop TA manual/guide, to include grading schedule, rubrics for assignments, suggestions on how to offer substantive comments on forum posts and written assignments, etc.</td>
<td>1</td>
<td>$20/hour: Up to 150 hours or $3,000</td>
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<tr>
<td><strong>SPH 712: Public Health Methods and Measures</strong></td>
<td>Variable</td>
<td>▪ Good people skills&lt;br&gt;▪ completed EPID 710, EPID 715, EPID 716, and EPID 718&lt;br&gt;▪ Some familiarity with statistical programming, Mac configuration, and UNC virtual lab, basic Stata commands&lt;br&gt;▪ Strong Interest in TA-ing, collaborative and active learning, and cross-discipline dialogue&lt;br&gt;▪ Helpful (but not required) to have experience in having served as a TA for EPID 600 before</td>
<td>▪ Attend weekly in person Methods and Measures TA meetings with Instructor throughout summer</td>
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<td>$20/hour: Up to 150 hours or $3,000</td>
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| **SPH 711: Data Analysis for Public Health**  
This course is an introductory course focusing on the biostatistics and data science commonly used in public health and medical research applications. Topics include:  
- Descriptive statistics, data tables and graphs  
- Elementary probability theory, Probability distributions, Diagnostic tests and their properties  
- Hypothesis testing and confidence intervals – calculating, constructing, and interpreting  
- Understanding limitations and best practices for using p-values and confidence intervals  
- Selecting and evaluating methods of analysis that are appropriate for answering research questions for a given study design  
- Evaluation of straightforward biostatistical usage in public health, with an emphasis on understanding research and scholarly publications  
- Evaluation of the assumptions for statistical tests  
- Common distributions and why they are important  
- Analysis of different types of data such as categorical outcome, continuous outcome, binary outcome  
Students will use Stata to conduct straightforward analyses and make inference from data. The focus will be on using data to understand associations and inform decisions, understanding commonly used methods from the public health literature, and interpreting results in language accessible to other public health professionals. | Variable |  
- Student has completed Bios 660, 662, and 663 or has equivalent knowledge from other courses.  
- Has excellent communication skills and interest in teaching.  
- The course will use Stata for data analysis; applicants will need experience with or a willingness to learn this software.  
- Excellent written communication skills  
- Availability to meet with Instructor most weeks during the Summer  
- Experience using Sakai  
- Previous TA experience in a biostatistics course would be ideal. |  
- Create rubrics for assignments,  
- Create the lab activities  
- Organizing the course in Sakai. | 1 | $20/hour: Up to 150 hours or $3,000 |
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| SPH 713: Understanding Public Health Issues | Fridays, 9:00-11:00 am | ▪ Strong writing and/or editing skills  
▪ Strong critical thinking skills  
▪ Have an interest in working with student teams  
▪ Be organized and able to complete tasks independently  
**Preferred skills:**  
▪ Experience working in teams  
▪ 1-3 years working in public health practice (or for an organization doing public health-related work)  
▪ Experience building course sites in Sakai | ▪ Be responsive to students, and instructor(s) and fellow TA(s) on email  
▪ Be able to attend class Fridays from 9:05-11:00 am.  
▪ Be able to attend weekly teaching team meetings (time TBD)  
▪ Have a strong commitment to collaborative learning, innovative teaching approaches, and cross-disciplinary dialogue  
▪ Serve as a grader on assignments  
▪ Facilitate discussion sessions  
▪ Technologically savvy | 6 | $7,850, plus in-state tuition award (for in-state students) and health insurance for semester. For out-of-state students, it may be feasible to negotiate a tuition remission and an in-state tuition award, but this will depend on availability of tuition remission.  
Student would average about 20 hours per week for 17 weeks and should also be willing to commit to day long TA training workshop prior to beginning of semester. |
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| **SPH 712: Public Health Methods and Measures**  
Dr. Karin Yeatts  
Associate Professor  
Epidemiology  
The Methods and Measures course is one of three two-credit courses students take in the fall of their first year in their master’s program. This course introduces epidemiologic concepts and how to describe population patterns of health, inequities, and their determinants. Students will focus on what to measure; how to measure it; whom to measure it in; and how to do so in ways that minimize bias. Assignments in the course will be designed for collaborative and active learning. Case studies, lab discussion, and team projects will promote critical thinking and use of evidence-based reasoning. | M/W 9:00-10:00  
OR 10:00-11:00  
Some Fridays |  
- A student in EPID or other Gillings department who has completed EPID 710, EPID 715, EPID 716, and EPID 718  
- Some familiarity with statistical programming, MAC configuration and UNC virtual lab. We need to learn basic Stata commands by start of semester, sufficient to assist students and trouble-shoot student issues with Stata.  
- Strong interest in TAing, collaborative, active learning, and cross-discipline dialogue  
- Good people skills  
- Prior TA experience for EPID 600 is a plus (but not required) |  
- Attend all class sessions throughout the semester, 9:00-11:00am, M/W (and two pre-designated Fridays during the semester).  
- Provide office hours to students  
- Attend weekly Methods and Measures TA meetings with instructor  
- See above for additional responsibilities. | 6 | $7,850, plus in-state tuition award (for in-state students) and health insurance for semester. For out-of-state students, it may be feasible to negotiate a tuition remission and an in-state tuition award, but this will depend on availability of tuition remission.  
Student would average about 20 hours per week for 17 weeks and should also be willing to commit to day long TA training workshop prior to beginning of semester. |
| **SPH 711: Data Analysis for Public Health**  
Dr. Jamie Crandell  
Assistant Professor  
Biostatistics  
This course is an introductory course focusing on the biostatistics and data science commonly used in public health | M/W 9:00-10:00  
OR 10:00-11:00  
Some Fridays |  
- Student has completed Bios 660, 662, and 663 or has equivalent knowledge from other courses.  
- Has excellent communication skills and interest in teaching.  
- The course will use Stata for data analysis; applicants will need experience with or a willingness to learn this software. |  
- Responsibilities (though possibly not the same for all TAs) include grading, weekly office hours for student learning and assistance with assignments, and preparing for and teaching/leading lab sessions at various times during the week.  
- TAs will be expected to continually familiarize | 6 | $7,850, plus in-state tuition award (for in-state students) and health insurance for semester. For out-of-state students, it may be feasible to negotiate a tuition remission and an in-state tuition award, but this will depend on availability of tuition remission. |
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<td>health and medical research applications. Topics include:</td>
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<td>themselves with course content as presented to students, including reading the textbook, attending class regularly, and viewing assigned online lectures.</td>
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<td>Student would average about 20 hours per week for 17 weeks and should also be willing to commit to day long TA training workshop prior to beginning of semester.</td>
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<td><strong>Gillings MPH Core</strong>&lt;br&gt;Senior Teaching Fellow&lt;br&gt;Lead doctoral student TA whose role is to support to all 3 courses</td>
<td>MWF, 9:00-11:00, as needed</td>
<td>▪ Experienced TA who has supported other Gillings core courses before&lt;br&gt;▪ Strong demonstrated interest in teaching&lt;br&gt;▪ Highly organized and able to complete tasks independently&lt;br&gt;▪ Willing to pursue professional development from campus’s Center for Faculty Excellence</td>
<td>▪ Work with Residential MPH Coordinator, course instructor and others to help organize and facilitate a one-day TA training session at beginning of semester&lt;br&gt;▪ Be responsible for organizing meetings, as needed, across the teaching teams;&lt;br&gt;▪ Help coordinate the work of all the TAs (including periodic training opportunities)&lt;br&gt;▪ Conduct peer reviews of, and provide feedback to, other TAs in consultation with lead instructors&lt;br&gt;▪ Serve as a sounding board for other TAs&lt;br&gt;▪ Provide “surge” support for paper grading&lt;br&gt;▪ Carry out other duties, as needed.</td>
<td>Up to 2</td>
<td>$8,850, plus in-state tuition award (for in-state students) and health insurance for semester. For out-of-state students, it may be feasible to negotiate a tuition remission and an in-state tuition award, but this will depend on availability of tuition remission. Student would average about 20 hours per week for 17 weeks and should also be willing to commit to day long TA training workshop prior to beginning of semester.</td>
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<td><strong>Writing Tutor, Gillings MPH Core</strong></td>
<td>Flexible; By appointment</td>
<td>▪ Very strong skills in writing in the sciences and social sciences&lt;br&gt;▪ Prior experience in teaching or tutoring writing&lt;br&gt;▪ Strong people skills&lt;br&gt;▪ Willingness to participate in day-long orientation/teaching workshop at beginning of semester</td>
<td>▪ Work one-on-one, and/or in groups, with residential and online students enrolled in the Gillings MPH Core to help students develop writing skills on an as-requested basis.&lt;br&gt;▪ Tutor must be willing to maintain regular online or in-person office hours, and must be willing to offer some of those office hours during evening times.&lt;br&gt;▪ Monitor use of services and, if demand exceeds capacity, to inform the MPH Coordinator so we can develop a plan to offer additional resources.</td>
<td>1</td>
<td>This hourly position will receive $20/hour and may provide up to 10 hours a week of tutoring on a first come, first served basis.</td>
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| Quantitative sciences tutor Gillings MPH Core    | Flexible; by appointment | ▪ Very strong skills in quantitative sciences, as evidenced by prior coursework  
▪ Prior experience in teaching or tutoring  
▪ Strong people skills  
▪ Willingness to participate in day-long orientation/teaching workshop at beginning of semester | ▪ Work one-on-one, and/or in groups, with residential and online students enrolled in the Gillings MPH Core to help students strengthen their quantitative skills on an as-requested basis.  
▪ Tutor must be willing to maintain regular online or in-person office hours, and must be willing to offer some of those office hours during evening times.  
▪ Monitor use of services and, if demand exceeds capacity, to inform the MPH Coordinator so we can develop a plan to offer additional resources. | 1                 | This hourly position will receive $20/hour and may provide up to 10 hours a week of tutoring on a first come, first served basis.  