

Date: Mon, 1/6/20

To: SPH Faculty & Staff

Subject: Instructor Needed for SPH 381: Science and Public Health

Message:

Dear colleagues,

The Public Health-Global Health Major is recruiting for an instructor in SPH 381: Science and Public Health. The course is expanding to three offerings during the 2020-2021 academic year. The position supports 10%-20% FTE (pending discussion) to co-teach autumn, winter, and spring quarters. The person will join an established team of two instructors (Edward Kasner and Jaisri Lingappa) who have been involved in teaching the course for many years.

As you are all aware, the Public Health-Global Health Major posts are rare teaching openings across the School as we are a school-wide program. However, the necessary content expertise for this particular role is basic biology, infectious diseases, and chronic diseases. I have included more details below but would appreciate if you could post within your departments and programs as per your protocols when new teaching opportunities arise. If you have specific people you think would be a good fit, please encourage them to contact Sara Mackenzie at saramack@uw.edu.

Best,
Joe

Position:

Undergraduate Instructor for SPH 381: Science and Public Health, School of Public Health, Public Health-Global Health Major

We seek to hire an instructor (10%-20% FTE) to co-teach SPH 381: Science and Public Health to juniors in the Public Health-Global Health Major. The course is 5 credits and will be offered in AUT 2020, WIN 2021, and SPR 2021. The hired instructor would be co-teaching for all course offerings.

The Public Health-Global Health Major is a School-wide, interdisciplinary liberal education program with over 500 students who have a variety of academic and professional goals. SPH 381 is the second course in the Integrated Core series required of all



majors. Course enrollment is consistently 100 to 125 students. See specific course learning objectives at bottom.

In addition to teaching, instructors in the Public Health-Global Health Major are expected to hold office hours and make themselves available to meet with students as needed, convey student issues for problem solving and program improvement, contribute to course and program assessment, and participate in instructor meetings (two half-day retreats per year).

Qualifications:

Candidates are expected to possess the following:

- An advanced degree in public health, basic sciences, human infectious diseases, or a related field;
- Evidence of practical experience or application of their discipline;
- Evidence of teaching and training;
- Strong interpersonal skills;
- Experience with and enthusiasm for undergraduate education and education pedagogy;
- Familiarity with and commitment to the mission and values of public health; and
- Understanding of and commitment to supporting the needs of underrepresented and first-generation college students.

In addition, for this particular co-teaching role, the candidate must have experience that would align with teaching to the learning objectives highlighted below. There are two other co-instructors for the course who will be continuing on and cover the other objectives.

Inquiries and Applications:

Email Sara Mackenzie at saramack@uw.edu by Monday, January 20, 2020. Please include a letter (or email) addressing your interest, experience alignment, and a CV.

The UW School of Public Health is committed to a diverse academic community. We view diversity as essential to our mission; for more information visit <http://www.washington.edu/diversity/>. The University of Washington faculty engage in teaching, research and service. The University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, protected veteran or disabled status, or genetic information.

Course Learning Objectives:

SPH 381: Science and Public Health

The course provides an overview and introduction to the ways different scientific disciplines are used to address public health goals and has the following learning objectives:

1. Describe the pathophysiology of both communicable and non-communicable diseases of public health concern from cells, tissues, organ systems, and whole human organism
2. Explain the biological principles underlying treatment and prevention of disease of public health concern (both communicable and non-communicable diseases)
3. Summarize the genetic basis of disease
4. Describe the application of sciences (biology, chemistry, toxicology) in population health.
5. Integrate the concepts of exposure and hazard as they relate to risk, distinguish between risk assessment scenarios that assume threshold vs. non-threshold responses, and discuss various risk management strategies used to limit contaminant exposures.
6. Define and differentiate between the physical environment and the built environment and impacts on health and how human-environment relationships influence health.
7. Describe how exposure to physical, chemical, and biological agents in the environment influence health.
8. Understand issues of climate change, food security, access to water, sanitation, pollution, and impact on health of populations.
9. Demonstrate how treatment and prevention relates to the pathophysiological process of disease
10. Predict what factors may modulate disease risk (positive or negative) based on understanding of exposure science, toxicology, and disease pathophysiology
11. Effectively interpret and communicate regarding current research in Public Health.