

College of William and Mary
Department of Kinesiology and Health Sciences
KINE 406 – Public Health Research Issues (COLL 400)
Spring 2019

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<u>Office Hours:</u>	Fridays 2 pm- 4pm Other times by appointment
<u>Class Meets:</u>	Wednesdays 5:00- 7:50 pm ISC 2280

Catalog Description:

This course will allow students to synthesize and apply knowledge from core Public Health courses. Students will engage with a range of current Public Health issues and research methodologies, conduct media analysis of Public Health research reporting, and utilize the research literature to develop proposals for multi-level interventions to address Public Health problems. Classes will be interactive and involve a blend of discussion, student presentations, group work, and in-class activities. The class will meet one evening a week for 2 hours and 50 minutes.

Course pre-requisites: KINE 280 and KINE 270 and ONE (1) of the following: KINE 290, KINE 300, KINE 325, KINE 405

Required Textbook: None.

Additional required readings will be provided on Blackboard either as pdf files or as links to online content.

Course objectives: Upon completing this course, students should be able to:

1. Synthesize public health intervention strategies applied to a range of public health issues, targeting the policy, environmental, relational, and individual spheres of action.
2. Critically analyze public health research studies at every level of the socioecological framework.
3. Analyze a range of community-based research methodologies and their application.
4. Synthesize option menus and logic models for solving complex public health problems.

5. Demonstrate proficiency in written and oral communication of concepts in public health research and practice.
6. Develop original, multi-level intervention strategies to address public health problems that target specific populations in specific contexts.
7. Communicate public health intervention proposals to disparate audiences that include a) students, faculty, and community members with *minimal* public health knowledge, as well as b) students, faculty, and community members with *extensive* public health knowledge.

Overview of the Content to be Covered During the Semester:

Class number, Date	Topic
1 W 1/16	<ul style="list-style-type: none"> • Course introduction, sign up for presentations • Discussion of course assignments
2 W 1/23	<ol style="list-style-type: none"> 1. Review of the social ecological framework 2. <u>Example research article presentation</u> (Prof. Scott) 3. <u>Example methods presentation and exercise</u>: Qualitative interviews (Prof. Scott)
4 W 1/30	<ol style="list-style-type: none"> 1. <u>Public Health Issue Briefing: Substance Use Disorder and the Opioid Epidemic</u> 2. <u>Research article discussion</u>: Doe-Simkins M, Walley AY, Epstein A, Moyer P. Saved by the Nose: Bystander-Administered Intranasal Naloxone Hydrochloride for Opioid Overdose. <i>American Journal of Public Health</i>. 2009;99(5):788-791. doi:10.2105/ajph.2008.146647. 3. <i>The Anonymous People</i>, part 1
5 W 2/6	<ol style="list-style-type: none"> 1. <u>Research article discussion</u>: Knight R, Fast D, Debeck K, Shoveller J, Small W. "Getting out of downtown": a longitudinal study of how street-entrenched youth attempt to exit an inner city drug scene. <i>BMC Public Health</i>. 2017;17(1). doi:10.1186/s12889-017-4313-9. 2. <u>Methods presentation and exercise</u>: Focus Groups 3. <i>The Anonymous People</i>, part 2

<p>6 W 2/13</p>	<ol style="list-style-type: none"> 1. <u>Public Health Issue Briefing: HIV in the United States</u> 2. <u>Research article discussion</u>: Franks J, Hirsch-Moverman Y, Loquere A, Amico K, Grant R, Dye B, et al. Sex, PrEP, and Stigma: Experiences with HIV Pre-exposure Prophylaxis among New York City MSM Participating in the HPTN 067/ADAPT Study. <i>AIDS and Behavior</i>. 2018; 22: 1139-49. 3. <i>And The Band Played On</i>, part 1
<p>7 W 2/20</p>	<ol style="list-style-type: none"> 1. <u>Research article discussion</u>: Rhodes S, Hergenrather K, Wilkin A, Jolly C. Visions and Voices: Indigent Persons Living With HIV in the Southern United States Use Photovoice to Create Knowledge, Develop Partnerships, and Take Action. <i>Health Promotion Practice</i>. 2018; 9(2): 159-69. 2. <u>Methods presentation and exercise</u>: Observation (Structured and Participant) 3. <i>And The Band Played On</i>, part 2
<p>8 W 2/27</p>	<p>Guest lecture: Anderson Silva Argolo, Patrick Santos Da Silva, and Urania de Oliveira Rodrigues (5:00-6:30, Commonwealth Auditorium, Sadler Center)</p>
<p>9 W 3/6</p>	<p style="text-align: center;">SPRING BREAK</p>
<p>10 W 3/13</p>	<ol style="list-style-type: none"> 1. <u>Public Health Issue Briefing: Ceremony and Health</u> 2. <u>Research article discussion</u>: Marsh TN, Marsh DC, Anishnawbek JOA, Anishnawbek FOA. The Sweat Lodge Ceremony: A Healing Intervention for Intergenerational Trauma and Substance Use. <i>The International Indigenous Policy Journal</i>. 2018; 9(2): Article 2. 3. <i>And The Band Played On</i>, part 3
<p>11 W 3/20</p>	<ol style="list-style-type: none"> 1. <u>Research article discussion</u>: Vinesett AL, Price M, Wilson KH. (2015.) Therapeutic Potential of a Drum and Dance Ceremony Based on the African Ngoma Tradition. <i>The Journal of Alternative and Complementary Medicine</i> 21(8): 460-65. 2. <u>Methods presentation and exercise</u>: Body mapping 3. Symposium class project

12 W 3/27	Guest lecture: Selena Fox (5:00-6:30, Commonwealth Auditorium, Sadler Center)
13 W 4/3	<ol style="list-style-type: none"> Public Health Issue Briefing: Firearms and Health in the United States Research article discussion: Patton D, Sodhi A, Affinati S, Lee J, Crandall M. Post Discharge Needs of Victims of Gun Violence in Chicago: A Qualitative Study. <i>Journal of Interpersonal Violence</i>. 2016; 1-21. DOI: 10.1177/0886260516669545 Methods presentation and exercise: Photovoice
14 W 4/10	Guest lecture: Setsuko Thurlow (5:00-6:30, Commonwealth Auditorium, Sadler Center)
15 W 4/17 7 pm	<ol style="list-style-type: none"> Research article discussion: Alban R, Nuno M, Ko A, Barmparas G, Lewis A, Margulies D. Weaker gun state laws are associated with higher rates of suicide secondary to firearms. <i>Journal of Surgical Research</i>. 2018; 221: 135-42. Methods presentation and exercise: Digital storytelling Symposium class project
R 4/18 5:30-7:30 pm	<u>SYMPOSIUM: ISC 3 atrium</u>
16 W 4/24	Conclusion

Course activities:

Class sessions will include a number of elements, most of which involve student presentation and discussion. Additional details will be provided for each assignment. In brief, these elements include:

- 1) **Public Health Issue Briefing:** Student teams will prepare presentations about pressing public health issues in the U.S. and brief the class. These issues will form the core of class discussion, and be the basis for research papers that are discussed.
- 2) **Presentation of Public Health Research:** Discussion of *published research articles* linked to different levels of the social ecological framework. These articles will relate to the public

health issues presented in (1). **All non-presenting students will submit a one-page article synopsis before each class.**

- 3) **Research methodologies and approaches:** Student teams will teach their classmates about public health research and practice methods, and provide hands-on experiences with these techniques.
- 4) **COLL 400 symposium class project:** We will participate in a KINE symposium at the end of the semester, where we will present a class project. More details will be provided in class.
- 5) **Guest speaker reflection papers:** This semester, we will attend three speakers related to the theme 'Ceremony, which we will connect to health and health equity in class. Following each speaker presentation, students will submit a one-page response paper on Blackboard.

Grading:

	% of Grade:
Public Health issue briefing	20
Research article presentation	20
Research methodology presentation	20
COLL 400 symposium project	20
Research article synopses, due at the start of each class	10
Guest speaker response papers	5
In-class discussion (participation)	<u>5</u>
	100%

Grading scale*:

93-100	A
90-92	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
Below 60	F

*Grades may be curved or points added to the distribution as needed. Any adjustments will be in students' favor.

Guest lectures:

Theme: Ceremony

- **Selena Fox**, priestess, co-executive director of Circle Sanctuary. Selena has travelled the globe and made an impressive impact on the worlds of Wiccan faith, transpersonal counseling, women's religious liberty, and environmental justice. Her work advocating for equality began as a student at William & Mary, when she founded the first women's activist group on campus, and continues today as she leads Lady Liberty League. Her work as a priestess focuses on the ceremonies of nature and the Nature Spirituality that she has celebrated since 1973.
- **Setsuko Thurlow** is a hibakusha — a survivor of the 1945 atom bombs. She was a 13-year-old schoolgirl living in Hiroshima when the bomb dropped. She has spent the seven decades since testifying to the horror of nuclear weapons and campaigning for a world free of them. The hibakusha fulfill the ceremonial role of story-teller in that there is a long-held belief that only those with first-hand experiences have the cultural authority to speak about the event. As the number of hibakusha decline, there is even greater urgency to share that story.
- Anderson Silva Argolo, Patrick Santos Da Silva, and Urania de Oliveira Rodrigues will share their knowledge of sacred Afro-Brazilian Candomblé rituals and ceremonies, and offer insightful perspectives on the politics of race and gender in Brazil's changing religious landscape. Each has had unique experiences as Candomblé practitioners, spiritual leaders, and political activists. Complementing each other in their visits to classes and in public lectures/performances, they will address the importance and relevance of ceremony as both a link to an African past and a means of negotiating the present and future in Brazil. They will be on campus February 25-March 1, 2019.

Notes:

Students will be expected to understand and abide by campus policies related to **academic integrity** and **appropriate citation of sources** in all written work completed. Plagiarism is a serious offense, deliberate or not, and will be referred for further disciplinary action. If you need further guidance regarding citation, please see me.

There are times when **extraordinary circumstances occur** (e.g., serious illness, death in the family, etc.). In such circumstances, and/or if you need additional time to satisfactorily complete any course requirement, please consult with me within a reasonable amount of time. *Nota bene:*

Extensions are not guaranteed and will be granted at the discretion of the instructor. No extra credit projects will be assigned.

Every effort will be made to respond to student **emails** in a timely fashion (within 24-48 hours).