

EVALUATION OF DEPRESSION IN ADOLESCENTS AND EXPLORING THE RELATIONSHIP BETWEEN ANTHROPOLOGY AND PUBLIC HEALTH

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Master of Public Health | Infectious Diseases and Zoonoses

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Background

- Born and raised in Jacksonville, Florida
 - *University of North Florida*
 - *Mayo Clinic*
- Moved to Kansas City in 2016
 - *Cerner*
 - *Kansas State University*
- Moved to Portland, Oregon in 2022
 - *Clackamas County Public Health Department*

Graduate committee



Dr. Justin Kastner



Dr. Ellyn Mulcahy



Dr. Elaine Johannes

APE Site

- Kansas Department of Health and Environment
 - *Bureau of Epidemiology and Public Health Informatics*



- Preceptor
 - *Dr. Steve Corbett*



Evaluation of depression in adolescent

■ Background

- *The leading cause of disability worldwide in adolescents*
- *Suicide is the fourth leading cause of death in this age range worldwide and the second leading cause in the US*
- *Symptoms*

■ Kansas

- *16.5% of adolescents reported having a major depressive episode*
- *Mental Health Task Force*

■ Reasons for concerns

Evaluation of depression in adolescents

- Youth Risk Behavior Surveillance System (YRBS)
 - *Purpose*
 - *Question categories*
 - *Administration*
 - *Results*
 - *2019 Kansas YRBS results*

Evaluation of depression in adolescents

- Question selection

During the past 12 months, did you ever feel so sad or hopeless almost every day for two weeks or more in a row that you stopped doing some usual activities?
A. Yes
B. No

- Rationale

- Statistical Significance

	Age	Sex	Grade	Ethnicity	Race
Pearson Chi-Square	0.4467	<.0001	0.3891	0.00475	0.0003

Characteristics	Response: Yes			Response: No			Pearson Chi-Square
	Estimate	95% CI		Estimate	95% CI		
Sex							<0.0001
Female	40.86	36.00	45.90	59.14	54.10	64.00	
Male	24.39	20.96	28.18	75.61	71.82	79.04	
Ethnicity							0.0013
Non-Hispanic/Latino	40.22			59.78	53.91	65.66	
Hispanic/Latino	30.66			69.34	65.84	73.82	
Race and Ethnicity							0.0100
Multiracial	44.47			55.53			
Non-white	25.76			74.24			
White	30.02			69.98			

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Evaluation of depression in adolescents

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

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 societal levels

Exploring the relationship between anthropology and public health

- Background
- Preparing for interview
 - *Anthropology*
 - *Biomedical Anthropology*
 - *Anthropology and Public Health*
 - Academics
 - Literature


Exploring the relationship between anthropology and public health

- After the interview
 - *Graduate degree education in anthropology*
 - *Public health departments*
 - Dr. Corbett's experience
 - *What the two disciplines can learn from one another*
 - What anthropology gains from public health
 - What public health can gain from anthropology

Exploring the relationship between anthropology and public health

18) Select communication strategies for different audiences and sectors

22) Apply systems thinking tools to a public health issue



CLOSING STATEMENT



QUESTIONS?