

Background

- **83.9%** of students believe Planetary Health and Climate Change effects should be a **core component** of medical school curriculum¹
- **6.3%** of students feel "very prepared" to address these effects in a clinical setting ¹
- UCSF and Emory excel by providing an integrated Planetary Health 4-year thread²

The vast majority of med students feel untrained and unprepared to manage the adverse health effects of climate change¹

Prework: Benchmark Your Current Success		
PLANETARY HEALTH REPORT CARD	SCORES OVERALL CURRICULUM	2022 2 C+ B C+ B
 PHRC is a global, student-led initiative 52 international and 44 domestic medical schools scoon: curriculum, research, community outreach, campa sustainability and institutional support. 		
 What are you currently dof Climate Health Electives Waste Reduction on Car Teaching on planetary h Workshops? Student activism? 	s? npus?	
Prework: Identify Institutional Support		
Who makes the changes?		
	rricular nmittees	- Deans
Who can help?		
Faculty Facilities Mar	nagement	Student G
Sustainability Office	ors Online	Resources

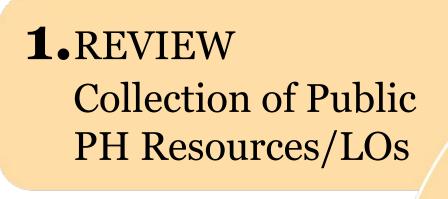
Planetary Health Curriculum Integration: 5 Step process to teach climate medicine at your Med School

Douglas Fritz, Kaylee Blevins, Jamie Smith, Liam Canty, Caroline Walsh, Elizabeth Gillespie MD University of Colorado School of Medicine, Aurora, CO, USA

Iterative Process:

2023

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5. DEPLOY Updated Materials with PH Thread

DEP **AUTV2**

REVIEV

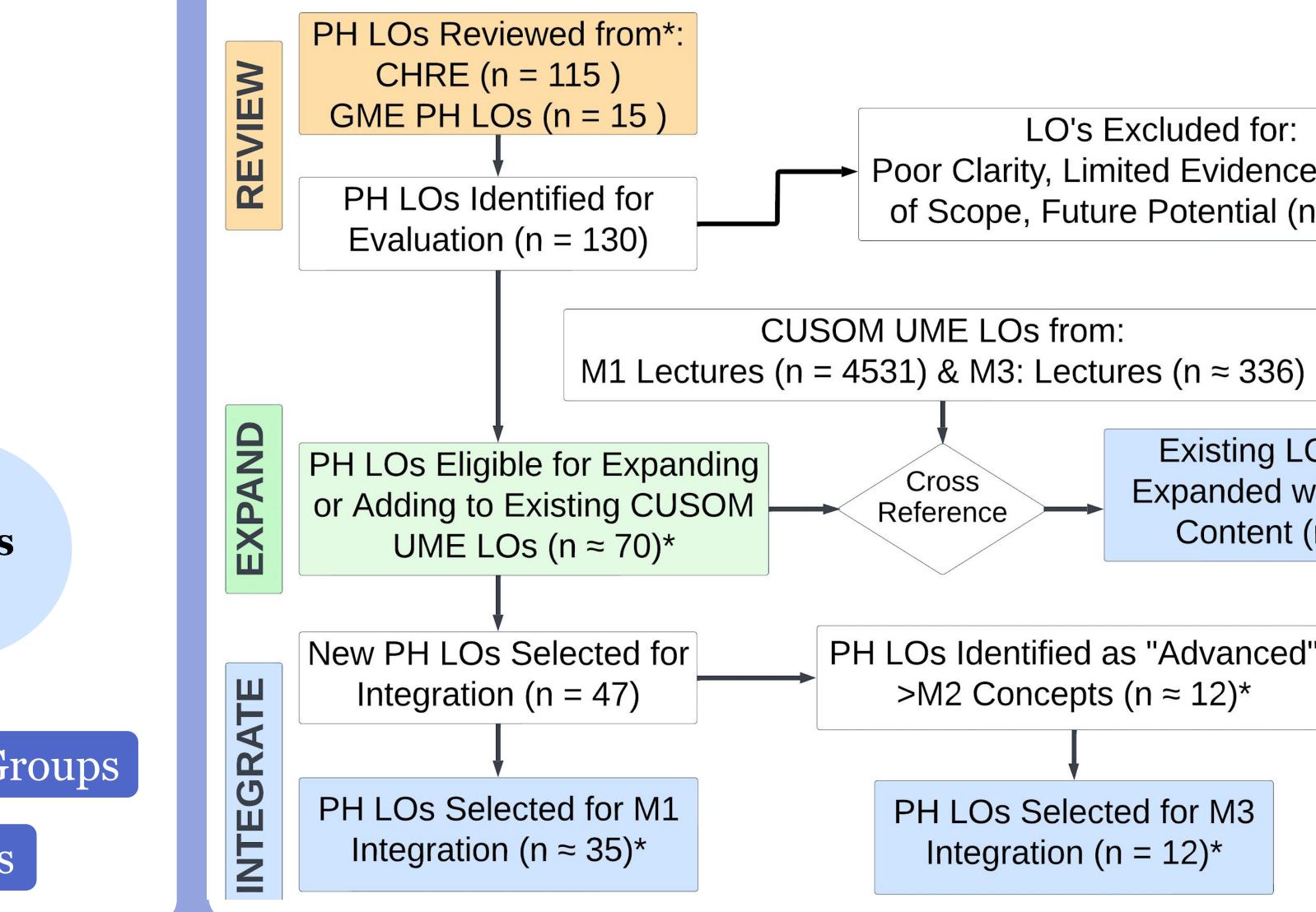
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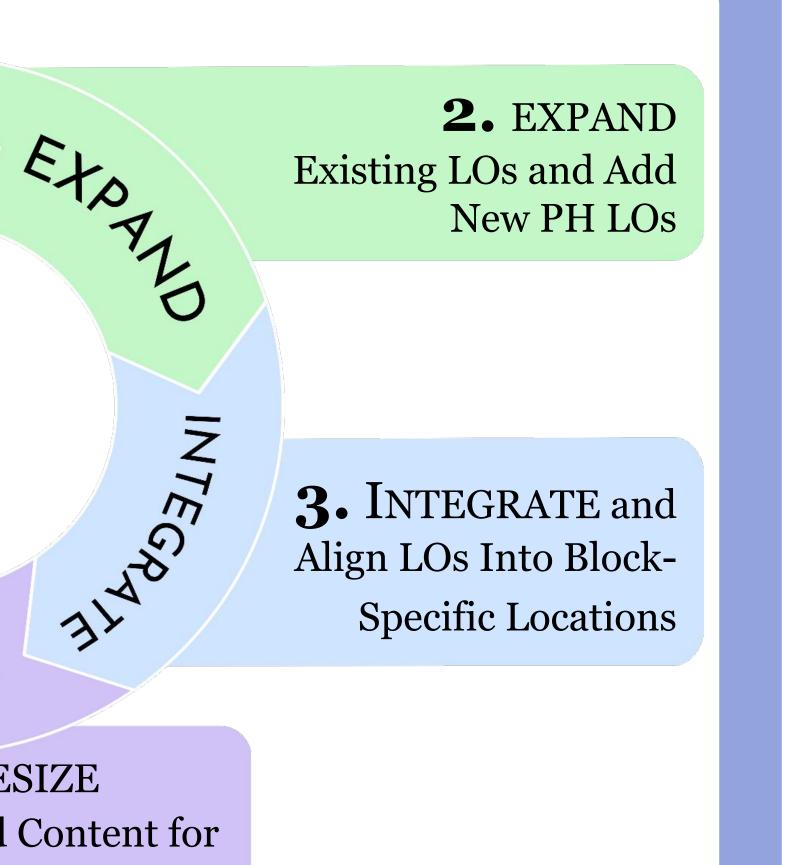
4. Synthesize **Teaching Points and Content for** PH LOs

STEP 1: REVIEW Plug & Play Resources

- Climate Resources for Health Education (CRHE): https://climatehealthed.org
- Free, Public Educational Resources on Climate Change and Health
- Learning objectives, Slide Decks, Case-Based/PBLs in 18+ Specialties and Organ Systems
- Peer Reviewed

STEPS 2 & 3: EXPAND Existing Learning Objectives and INTEGRATE New Ones







LO's Excluded for: Poor Clarity, Limited Evidence, Outside of Scope, Future Potential (n \approx 60)*

Existing LOs to Be Expanded with PH LO Content (n \approx 23)

PH LOs Identified as "Advanced" >M2 Concepts (n \approx 12)* PH LOs Selected for M3

Integration $(n = 12)^*$

STEP 4: Synthesize New Content

• Example Slide for IBD lecture

ups of inflammatory bowel disease

- Forms of stress induce bowel inflammation and is known to trigger flares
 - fiber intake)
 - high car traffic cities)
 - Stress: higher levels of perceived stress
 - High Altitude (!!)
 - NSAID Use

(2018). https://doi.org/10.1038/nrgastro.2017.136

STEP 5: Deploy!

- Update Assessment Questions
- Faculty Development on Emerging Data
- CQI

Progress & Future Work

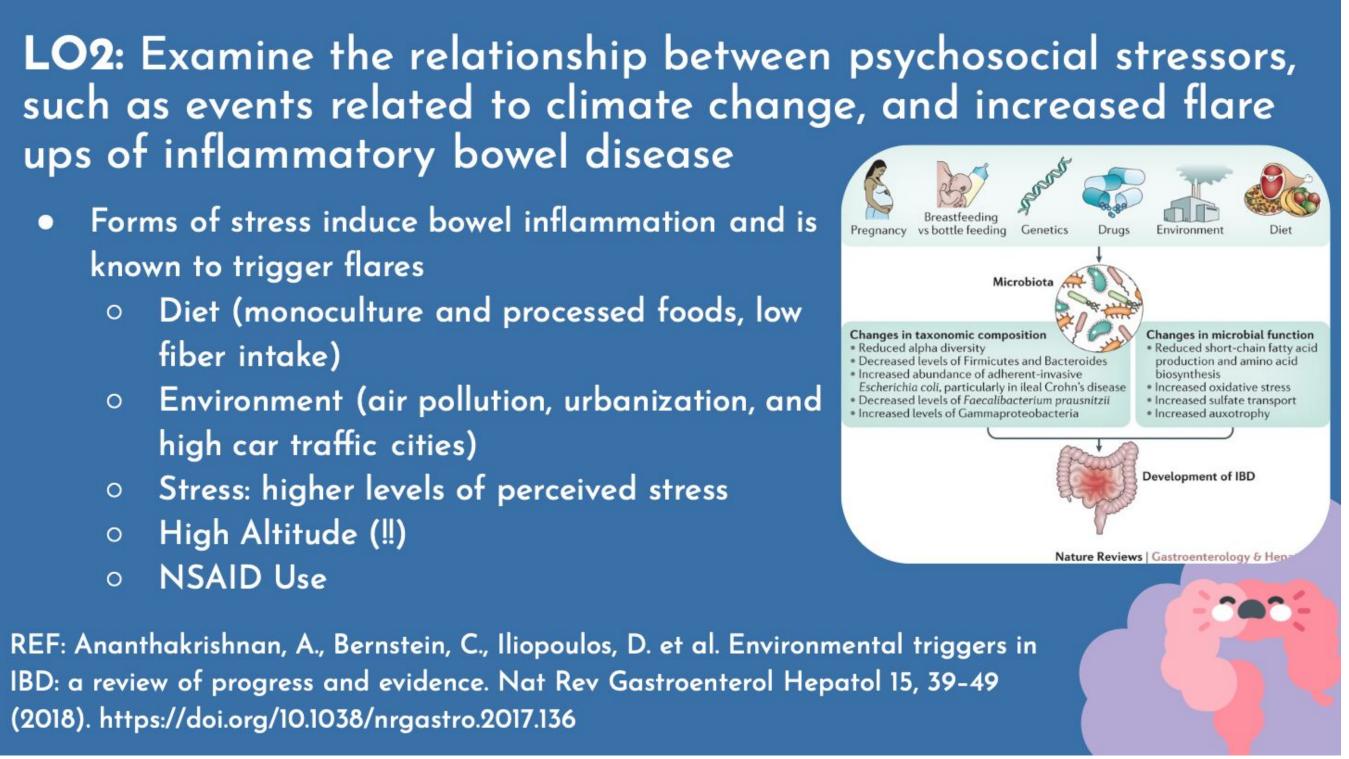
- Expand M3 and M4 curriculum
- Continued discussion of integration

Why It Matters

CU Med Students Trained in Planetary Health Will:

- determinants of health
- planetary health knowledge
- community health
- Droughts)





• Fulfill school's mission to address environmental • Address a present and a future that demands • **Be leaders** and advocates in addressing this aspect of

• **Save Lives**, Write Op-Eds, Get Grants, Find Cures • Prevent the next disaster (Flint Water, Love Island,

Think This Would Never Work at Your Institution? TALK TO US!