



Climate Health Risk Tool Internship at CHanGE

Cordy Plymale

About me

Major: Public Health-Global Health

Minor: Data Science



SCHOOL OF PUBLIC HEALTH
UNIVERSITY *of* WASHINGTON



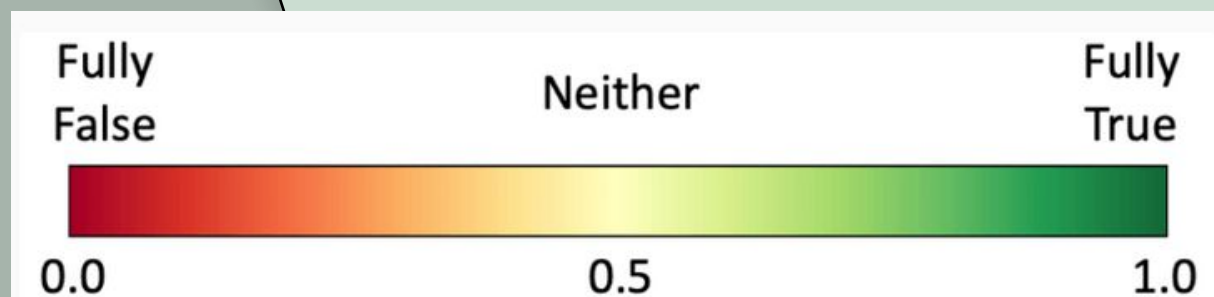
Information School
UNIVERSITY *of* WASHINGTON

Why this internship?

- Interested in evidence-based data, policy, community determined solutions, climate + health intersection
- Opportunity to work with data tools (UI,UX, GIS), cross-sectoral collaboration, cohort model

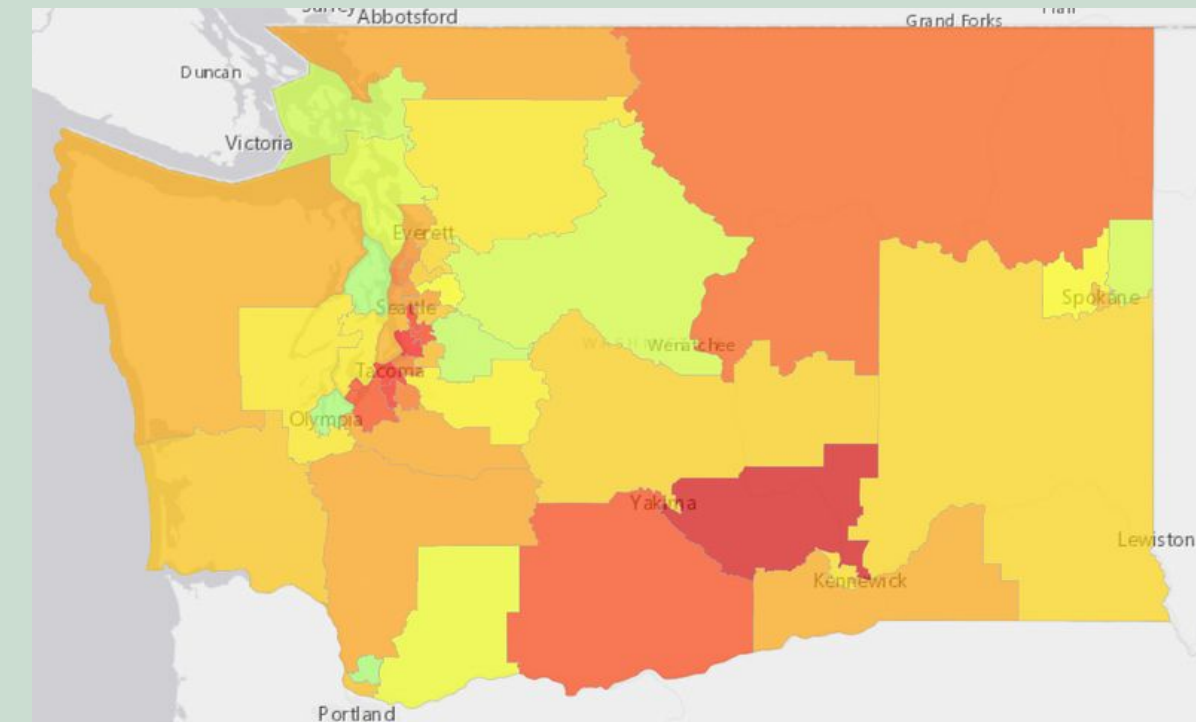
CHanGE

- **Climate** and population **health** are **interconnected** and should protect and promote each other
- **Strategic action**
 - Provides resources and develops tools (CHaRT)
 - Interdisciplinary collaboration



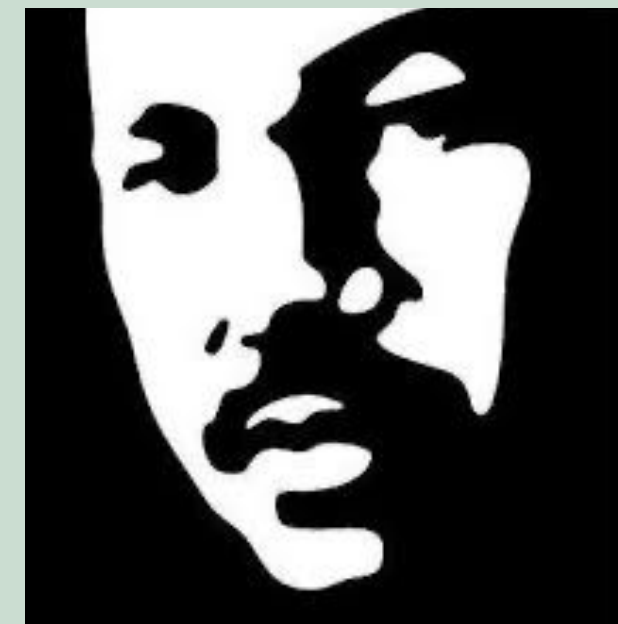
Model node:

- Heat Health Risk is High ⓘ
- Unweighted Heat Health Risk is High ⓘ
 - + Adjusted Vulnerability is High ⓘ
 - + Heat Hazard is High ⓘ
- Population Exposure is High ⓘ
 - + Population Density ⓘ



Customer Discovery Interviews

- Conducted 7 interviews with CHanGE partners to understand their pain points and decision-making processes around climate and health
- Synthesize, present, and integrate findings into CHaRT development



Heat Action Plan

- **What is a HAP?** Outlines what to do in extreme heat events
- **Project goal:** create a generic HAP with blanks to be populated with CHaRT data by jurisdictions across the U.S.
- **Methods/process:**
 - Use AI and literature review to synthesize 20+ HAPs



CENTER FOR HEALTH AND THE
GLOBAL ENVIRONMENT

Heat Action Plan for [JURISDICTION NAME]

Table of Contents

1. Introduction
2. Navigating and Populating this Plan using CHaRT
3. Extreme Heat Alert System
4. Roles and Responsibilities
5. Response Actions by Alert Level
6. Heat Vulnerability Assessment
7. Specific Interventions
8. Plan Maintenance and Evaluation
9. Training and Exercises
10. Public Education and Outreach
11. Resources and Logistics
12. Long-Term Heat Mitigation Strategies
13. Special Considerations
14. Appendices
15. Glossary of Terms
16. List of Acronyms
17. Acknowledgements



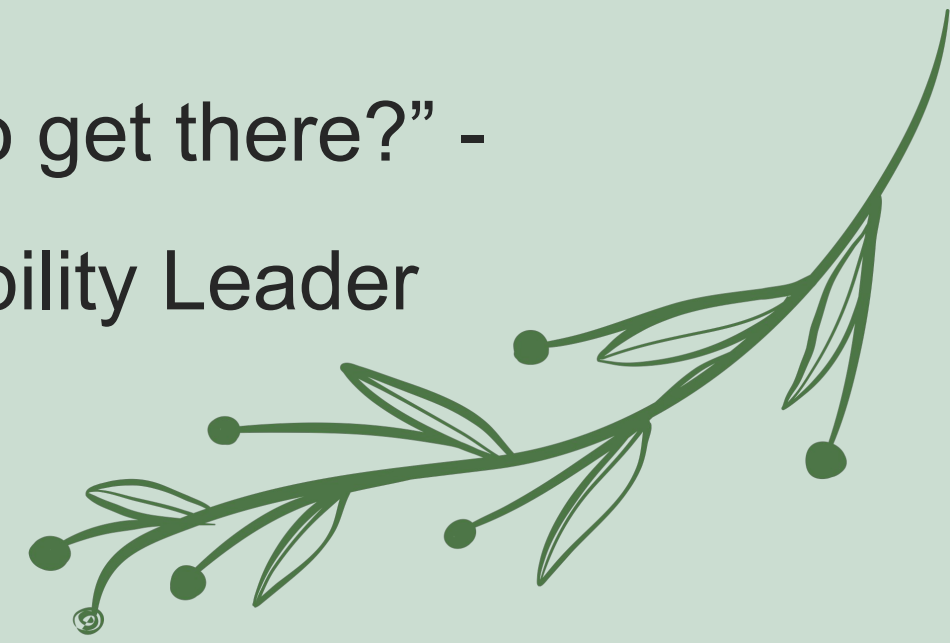
Professional Development

- **Leaning into relationships and new perspectives**
 - Informational interviews
 - Connections with other interns, supervisors, and faculty
- **Saying “yes” to opportunities**
 - Bloomberg Green Festival
 - Public Health Seattle King County Events



Moving Forward and Reflection

- **EarthLab blog post** coming soon
- **Student Speaker at UW Recognition Gala**
- **Major takeaways:**
 - “Take chances, stay open, and take advantage of your networks.” - Ben Packard, Executive Director at EarthLab
 - “Prioritize the ability to be true to yourself.” - Gus Williams, Climate & Workforce Development Advisor at City of Seattle
 - “If we can’t imagine a better future, how on Earth are we going to get there?” - Hrund Gunnsteinsdottir, Author, Speaker, Filmmaker & Sustainability Leader





Thank You!

Special thanks to Dr. Jeremy Hess,
Marci Burden, Payton Curley, and
Lissan Tibebe