

ABSTRACT: 2017 ELAM Institutional Action Project Symposium

Project Title: Landscape Survey on Opioid Misuse Work at University of Michigan

Name and Institution: Rebecca Cunningham University of Michigan

Collaborators and Mentors: UM Elam Mentors- Dr. Carol Bradford, Dr. Margaret Gyetko

Background, Significance of project:

- Opioid overdose is a growing local and national health problem. Efforts to address this growing issue are multifaceted and span the medical school, health system and campus- yet are not well delineated.
- Coordination of these efforts will both have positive impact on the public health epidemic as well as increase visibility by local state and national funding sources.
- Most of the research and efforts are so new that they are not yet published or categorized and risk duplicative efforts that waste scarce resources. It is urgent to be coordinated and create a rapid response for the university and state. Both to demonstrate the vast UM leadership in the area as well as to provide resource for state and national partners.

Purpose/Objectives:

- Create opportunities for strategic research initiatives that leverage cross campus and multi school strengths Provide connection among U-M researchers in this area.
- Clarify areas of current campus opioid research, most of which is so recent that is not well listed anywhere publicly.
- Create “landscape” document” identify U-M opioid work across campus

Methods/Approach:

- Create an email contact of major researchers on campus who are working on opioid prevention, treatment, epidemiology or policy. Search will include known researchers referrals, sci val, research gate and pub med.
- Request information from opioid researchers across campus on their work
- Convene meeting of 15- 25 key lead UM stakeholder researchers on campus on topic. Goal 1) to share and gather information and to network; 2) to conduct needs assessment for what would increase impact.
- Create sharable landscape document summarizing and clarify areas of current campus opioid research (provider and patient education efforts, policy initiatives, research prevention- treatment- epidemiology), programs (buy back, drop off stations). Landscape scan will include publications, grants, educational efforts, outreach and policy.

Outcomes:

- January 18 2017 brought together 19 faculty PI's across campus who have current funded portfolio focus in this area. Representation from Medical School, Nursing, Social work, School Public health, ISR. Landscape document created and initially disseminated – next step turn it into linkable searchable format.
- Resulting summary of UM focus and resources:
 - UM faculty published over 110 peer-reviewed manuscripts on this topic in past 5 years.
 - 2 institution wide and 3 dept. centers with PDO focus area
 - 5 outreach projects in the community; 6 policy focused projects
 - >30 funded projects campus wide

Impact/potential impact/ next steps:

- UM is poised to be a leader in research on Opioid epidemic from basic science to prevention and policy including in the area of opioids and precision medicine.
- Creation of Opioid network of researchers
- Plan next session summer 2017 of the network
- Monthly planning meeting with target of a U grants in fall 2018 (First meeting March 2017)



MEDICAL SCHOOL
UNIVERSITY OF MICHIGAN

University Landscape Survey on Opioid Misuse at the University of Michigan

Rebecca Cunningham, University of Michigan



DREXEL UNIVERSITY
**Executive Leadership in
Academic Medicine**
College of Medicine



INJURY CENTER
UNIVERSITY OF MICHIGAN

Background/Significance

- Opioid overdose is a growing local and national health problem. Efforts to address this growing issues are multifaceted and span the medical school, health system, and campus--yet are not well delineated.
- Coordinating efforts will have positive impact on the public health epidemic as well as increase visibility by local state and national funding sources.
- Most research and efforts are so new that they are not yet published or categorized and risk duplicative efforts that waste scarce resources.
- Urgency is warranted to coordinate and create a rapid response for the university and state to demonstrate the vast U-M leadership in the area, as well as provide resource for state and national partners.

Purpose/Objectives

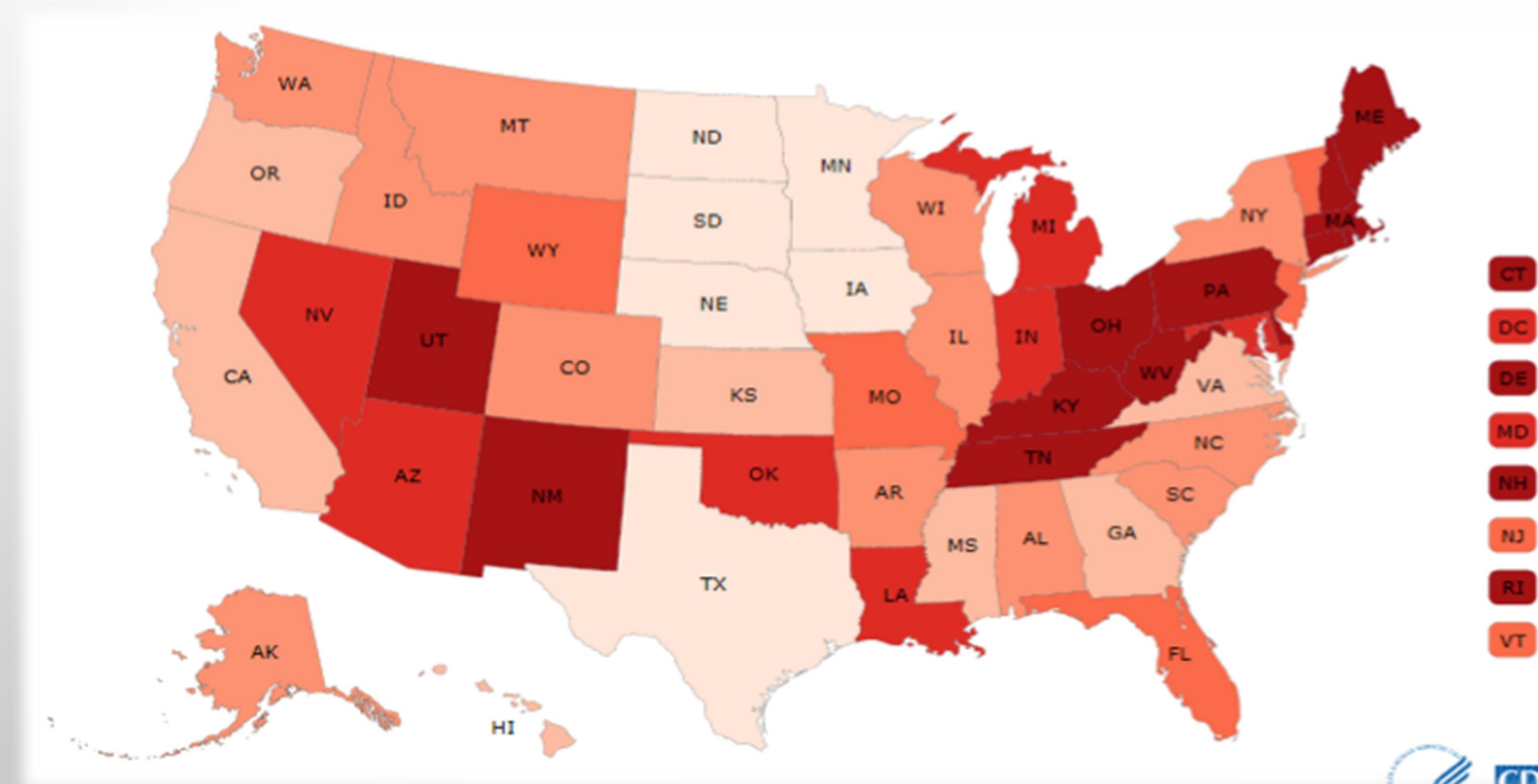
1. Create opportunities for strategic research initiatives leveraging U-M's cross-campus and multi-school strengths.
2. Provide connection among U-M researchers in this area.
3. Clarify areas of current campus opioid research, most of which is so recent that is not well listed anywhere publicly.
4. Create "landscape" document" to identify U-M opioid work and researchers across campus.

Methods/Approach



1. Create email contact list of major U-M researchers working on opioid prevention, treatment, epidemiology, or policy. Search to include researchers referrals, SciVal, Research Gate, and PubMed.
2. Request a summary of portfolio of research and/or activities on this topic:
 - List of your collaborators, the population you're focused on, communities you're focused on, and whether you are focused on prevention or treatment
 - Next steps for your research
 - What would be helpful to advance your work on this topic
3. Convene meeting of 15-25 key lead U-M stakeholder researchers on campus on topic. Share/gather information, network. Needs assessment for what would increase impact.
4. Create sharable document summarizing and clarify areas of current campus opioid research (provider and patient education efforts, policy initiatives, research prevention-treatment-epidemiology), programs (buy- back, drop-off stations), etc.

Number and Age-adjusted Rates of Drug Overdose Deaths by State, US 2015*



*Image Source: Centers for Disease Control and Prevention/National Center for Health Statistics, National Vital Statistics System, Mortality. March 2017.

Outcomes

- Held strategic session on January 18, 2017, for four hours with 19 faculty PIs across campus with current funded portfolio focus in this area.
 - Representation from Medical School, Nursing, Social Work, School Public Health.
- Landscape document created and disseminated; next step, convert it to linkable, searchable format.
- Resulting summary of U-M focus and resources:
 - U-M faculty published over 110 peer-reviewed manuscripts on this topic in past five years.
 - Two institution-wide and three department centers with opioid focus.
 - Five outreach projects in the community.
 - Six policy-focused projects.
 - >30 funded projects campus wide.

Impact/Next Steps

- U-M is poised to be a leader in research on opioid epidemic from basic science to prevention and policy.
- Creation of opioid network of researchers.
 - Plan next session summer 2017
 - Discussion of possible U/P grants
- Contribution of the information shared and gathered to concept of opioids as a focus of precision medicine initiative.