

Dr. Uduak George, PhD is a mathematical biologist, and her research in developing complex computational models has been focused on the study of biological cell movement, calcium signaling in cardiac myocytes, and lung development.



Uduak George, PhD
San Diego State University

Yui Nishiike's work with data analytics has been focused on promoting health equity by enabling the organization in telling the untold stories of underrepresented patients with data to influence strategy and policy, as well as making data-driven clinical, operational and strategic decisions.



Yui Nishiike
LifeLong Medical Care

[Click Here to Join](https://uclahs.zoom.us/j/294976532)
<https://uclahs.zoom.us/j/294976532>


CTSI AI Symposium Deep Dive, Community Voices in AI



Shining a Light on the Role of Social Determinants of Sleep Health in Predicting Postpartum Depression

ARTIFICIAL INTELLIGENCE/MACHINE LEARNING CONSORTIUM TO ADVANCE HEALTH EQUITY AND RESEARCHER DIVERSITY (AIM-AHEAD)

with **Dr. Kunmi Sobowale** Tuesday, February 20, 2024, 12pm-1pm (PT)
Location: [Zoom](#)



Dr. Kunmi Sobowale is an Assistant Professor-in-Residence in the UCLA Department of Psychiatry and Biobehavioral Sciences. His research interest is the prevention and early intervention of mental illness in the perinatal period and early childhood. His current research leverages digital health technologies, including mobile sensing devices and electronic health records data, to examine determinants of perinatal depression and the mechanisms by which perinatal depression affects the caregiver-child interaction and child developmental outcomes.

Kunmi Sobowale, MD
UCLA Department of Psychiatry and Biobehavioral Sciences

[Click Here to Join](https://uclahs.zoom.us/j/2996976532)
<https://uclahs.zoom.us/j/2996976532>

FOR MORE INFORMATION
✉ CERP@mednet.ucla.edu
📍 @UCLACERP

Moderators:
Alejandra Casillas MD, MSHS
Arleen Brown MD, PhD
Keith Norris MD, PhD



Human Collaboration to Human-AI Collaboration
Artificial Intelligence/Machine Learning Consortium to Advance Health Equity and Researcher Diversity (AIM-AHEAD)

with **Dr. Dakuo Wang**
Thursday, October 17, 2024
4:00 PM - 5:00 PM (PT)
Location: Zoom



Dakuo Wang, PhD, MS
Associate Professor
Northeastern University

[Click here to join](https://uclahs.zoom.us/j/2996976532)
<https://uclahs.zoom.us/j/2996976532>



CHARLES R. DREW UNIVERSITY OF MEDICINE AND SCIENCE



UNIVERSITY of HAWAII¹
MANOA



WASHINGTON STATE UNIVERSITY





Community Engagement & Research Program

All of Us Study

COVID-19 Equity

iDiverse

SERVE OC

Heart and stroke education, CPR training

Reach Out & Read project

California CEAL

F.E.A.S.T/Heartbeat

CTSI

UCLA Gambling Project

Share & Care School Project

Mental health support for Chinese-American older adults

DECIPHeR (UCLA)

Get Out the Vaccine (GOTV)

LA Barbershop Blood Pressure Study

Colorectal Cancer Project with UCLA

Alzheimer's Disease & Related Dementias Project

Mobile

Healthy Habits, Coach for Kids, American Heart Association

Addressing Health Literacy in Colorectal Cancer Surveillance

Developing Peer Mentors for Patients w/ Kidney Disease

Stroke Unit

Nutrition Incentive Program Produce Prescription Program in

Adolescent emotional well-being and COVID-19 pandemic conferences

FQHCs

Stop Covid-19 Community Consultant Panel

UCLA KP Center for Health Equity Advisory Committee

Colorectal Cancer and Vaping Prevention

Healthy Hearts, Minds, and Bodies (UCLA)

Act Against AIDS (CDC)

Precision Nutrition Program

GIS for Community Health

Mentoring a

Student Internship at UCLA

Catalyst CEDER Project

Youth Conference

Steering Committee Member

AIM AHEAD

At CDU

TODOS Clinical Trial

BP REACH

Whole Person Care



AIM-AHEAD

Artificial Intelligence and Machine Learning Consortium to Advance Health Equity And Researcher Diversity

-Created by the NIH Office of Data Science to increase the participation and representation of researchers and communities currently underrepresented in the development of AI/ML models to understand and address their community's health needs

AIM AHEAD Motivation in 2021...

- The complexity and volume of data generated by NIH-supported investigators continues to rapidly increase (e.g., EHR)
- Technology to address this is also growing: Artificial Intelligence (AI) and Machine Learning (ML)
- As AI and ML grow, we are seeing lack of diversity in its researchers, processes, AND data sources
- This may lead to worsened health disparities/inequities for underrepresented communities





The AIM-AHEAD Cores

AIM-AHEAD is a **planning, assessment, and capacity building** award to identify priority research aims in health equity and AI/ML, as well as develop the training and infrastructure needed to integrate justice, equity diversity and inclusion (JEDI) principles within AI/ML...

Leadership Core

Recruit and engage **community**; lead and coordinate the AIM-AHEAD consortium

Data Science Training Core

Assess, develop, and implement data science **training curriculum**

Data and Research Core

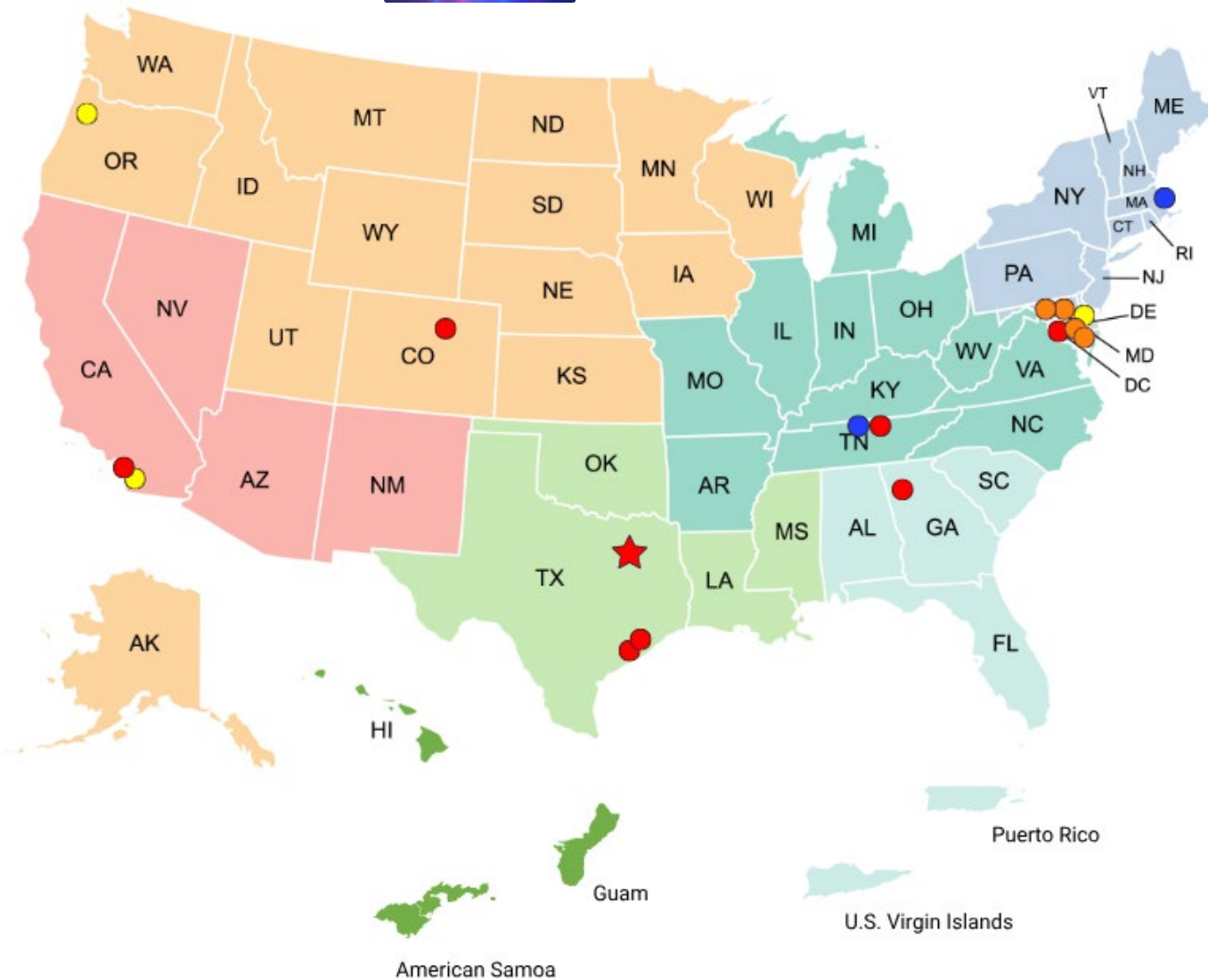
Address **research priorities** and needs to form an inclusive basis for AI/ML

Infrastructure Core

Assess **data, computing, and software infrastructure** to facilitate AI/ML and health disparities research



AIM AHEAD Hubs



AIM-AHEAD Hubs

- Central Hub
- North/Midwest Hub
- Northeast Hub
- South Central Hub
- Southeast - Meharry Hub
- Southeast - Morehouse Hub
- West Hub

AIM-AHEAD Cores

- AIM-AHEAD Central Headquarters
- Leadership Core
- Data and Research Core
- Infrastructure Core
- Data Science Training Core

AIM-AHEAD Programs

Research Fellowship: early-career researchers from under-represented populations to actively participate in biomedical research that involves the use of AI/ML methodologies on Electronic Health Record Data

Leadership Fellowship: junior to mid-career faculty, healthcare providers, administrators, policy-makers, or general community members with interest in AI/ML and equity receive mentored didactic and experiential educational activities to prepare them to champion the equitable use of AI/ML in addressing health disparities

Professional Development Program: fund activities in health service institutions that encourage participation of underrepresented individuals in the workforce (staff) to gain professional development related to AI/ML

Training Practicum: develop skills in AI and ML for disparities among undergrads and graduate students

Pilot Research Projects in AI/ML and underserved populations: 27 projects funded (\$13,390,503 per year)

Community information and engagement on digital health, AI/ML: Website, Community forums, AIM-AHEAD Webinar

Curated data sources for health equity research and training projects: OCHIN (Oregon Community Health Information Network), MedStar Health, Providence Health



AIM AHEAD West Hub Team

UCLA Leads



*Alejandra Casillas
MD, MSHS*



Alex Bui, PhD



Arleen Brown, MD, PhD

CDU Leads



Cynthia Gonzalez, PhD



*Roberto Vargas
MD, MSHS*



Keith Norris, MD, PhD



*Susanne B. Nicholas,
MD, MPH, PhD*



Doug Bell, MD, PhD



Anders Garlid, PhD

Support Staff



Jachael Gardner, MPH



Christian Cabunag, MPP

Digital Divide

"Many families in communities of color lack the appropriate technology and are at a severe disadvantage." - Supervisor Hilda Solis

Last Updated: November 23, 2021



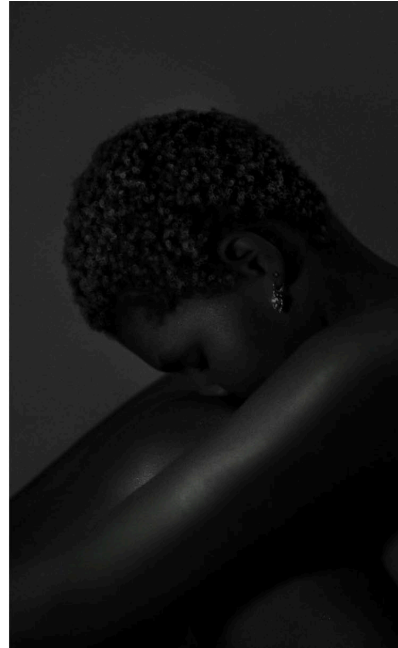
The work continues...

Community Voices in AI today: From research, to health system, and to community

Leveraging AI/ML to Address Postpartum Depression Disparities in Black Women

Kunmi Sobowale, MD

Assistant Professor, UCLA Dept of Psychiatry



Community Voices: *Reducing Bias in AI for Community Health*

Cynthia Gonzalez, PhD, MPH

Assistant Professor, MPH Program
Co-Lead, CTSI-Community Engagement & Research Program (CERP)
Department of Urban Public Health
Charles R. Drew University of Medicine and Science

Rodolfo L. Rodríguez

Principal and Founder, The Policy Gap
Culture of Health Leader, Robert Wood Johnson Foundation



AltaMed

Panelist Sessions

- Dr. Kunmi Sobowale
- Dr. Cynthia Gonzalez and Rodolfo Rodriguez
- Discussion with Safety Net Health Technology Leaders
 - Dr. Anshu Abhat (LAC DHS, Health Technology Navigators Program)
 - Dr. Guillermo Diaz (LAC DHS, Ambulatory Care Network)
 - Dr. Eric Lee (Altamed Health Services)
- Moderated discussion and Q+A from audience with all presenters

Thank you!



AIM-AHEAD
CONNECT

Weblink: <https://aim-ahead.net/home>



UNIVERSITY
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UNIVERSITY

UCLA

Extra slides (examples)



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UNIVERSITY

UCLA

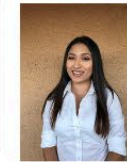
LAC DHS Health Technology Navigators



Health Tech Navigators

Empower with Digital Literacy

- **DHS is unique in the nation that we have full time, employed, on-site CHW's*
- Hired 12 Health Tech Navigators (Community Health Worker Model) – one at each of our main clinical sites
- They provide on-site, in-person, multi-language support for patients to enroll in the Patient Portal, download the app, and develop confidence to use the tool
- They teach patients how to join video visits, conduct e-visits, self-schedule urgent care appointments, etc.



Veronica Penate - Harbor UCLA (Assistant Program Manager)



Amber Figueroa (Team Lead) - LAC-USC



Karina Amor - South LA (Humphrey)



Claudia Aguirre - Rancho Los Amigos



Maria Salazar - East LA (Roybal)



Ariene Flores (Team Lead) - MLK



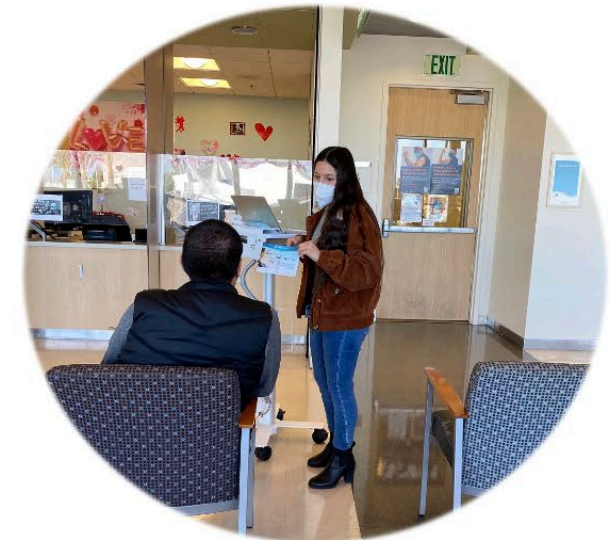
Diana Salazar - Metro (Hudson)



Ivette Gutierrez (Team Lead) - Harbor-UCLA



Valeria Galvan - High Desert



West Hub Activities

Support of West Hub Awardees: We host monthly office hours for awardees on the first Monday of every month, as well as provide additional concierge support, including mentoring, collaboration, and networking. Facilitate dissemination of fellows' research through brochures, websites, presentations, and other outreach materials (Example: UCLA Department of Medicine Research Day)

Community Engagement: Host monthly community engagement sessions the University of California Los Angeles Community Engagement Research Program (CERP). We encourage our hub awardees to present their research to our community partners. This initiative allows for valuable experience in community-focused communication.

Stakeholder Engagement:

- *CERP: Supporting connection with over 30 stakeholder/community partners*
- *Charles Drew University: AI/ML awareness for community-based organizations*
- *Los Angeles County Department of Health Services (LAC DHS): Community Engagement on benefits of digital health, AI/ML for Los Angeles County Health Tech Navigators Program (develop a community health worker corps focused on digital health education of patients). Los Angeles County Health Technology Navigators training on digital health, AI/ML Curriculum for other safety net health systems to also use.*
- *California Government Operations (GovOps): collaborate on providing input on their development of guidelines for procurement and training, as well as their plans to address generative AI staff training and risk assessment with the goal to improve the access of health services for vulnerable communities through emerging AI/ML technology.*
- *Other: Various panels and opportunities with other stakeholders, including Duke Clinical and Translational Science Institute Community Engaged Research Initiative (CERI), AlandYou, Weitzman Institute, and more.*

Project Management with Reporting on activities including priority research aligned with Hub program goals (possibly informed through meetings, workshops and outreach).

Fellowship and Development Projects



AIM-AHEAD West Hub Awardees- Leadership Fellow (Year 1) and now Pilot Project Awardee:
Yui Nishiike, N.P.
Data analytics of underrepresented patients | health equity



AIM-AHEAD West Hub Awardees- Leadership Fellow (Year 1) and now PAIR Program:
Uduak George, Ph.D.
Complex computational models | study of biological cell movement



AIM-AHEAD West Hub Leadership Fellows:
Devrim Kaya, Ph.D., M.Sc., B.Sc
Environmental and public health issues | engineering, microbiology, chemistry, and -omic technologies



AIM-AHEAD West Hub Leadership Fellows:
Tiffany Williams, M.D., Ph.D.
Improving perioperative outcomes | intersection of cardiac procedural care, perioperative health disparities and clinical informatics



AIM-AHEAD West Hub Research Fellows:
Vivian Huangfu, B.S., M.S., Ph.D.
Business analytics, public health, machine learning, and data mining



AIM-AHEAD West Hub Research Fellows:
Oluwafikunmi Sobowale, M.D.
Leveraging digital health technologies | determinants of perinatal depression



AIM-AHEAD West Hub Fellows- PAIR Program: **John Valdovinos, Ph.D., P.E.**
Developing circulatory support systems | machine and deep learning algorithms to make time-to-event predictions in patients with congenital heart defects



AIM-AHEAD West Hub Consortium Development Program:
Katherine R. Tuttle, M.D., FASN, FACP, FNK
Clinical and translational science for diabetes and chronic kidney disease.



AIM-AHEAD West Hub Fellows- PAIR Program:
Melody K Schiaffino, Ph.D., M.P.H
Cancer and Aging Disparities, Care Delivery Systems Science, Telemedicine, Equity in Information Systems (EMRs, GIS), Language Access in Healthcare, and Applied Data Science

West Hub Awardees Year 2



Predicting Kidney Function Decline in American Indian and Alaska Native Populations with Diabetes: Cohort Selection

Anna Zemke¹, Radica Z. Alicic^{2,†}, Christina L. Reynolds², Lindsey M. Kornowski², Cami R. Jones², Panayotis Petousis², Leonid Shpaner², Susanne B. Nicholas², Kenn B. Daratha², Nisha Bansal³, Joshua J. Neumiller⁴, Keith C. Norris², Katherine R. Tuttle^{1,2}

¹University of Washington, ²Providence Health & Services – Washington, ³University of California Los Angeles, ⁴Washington State University

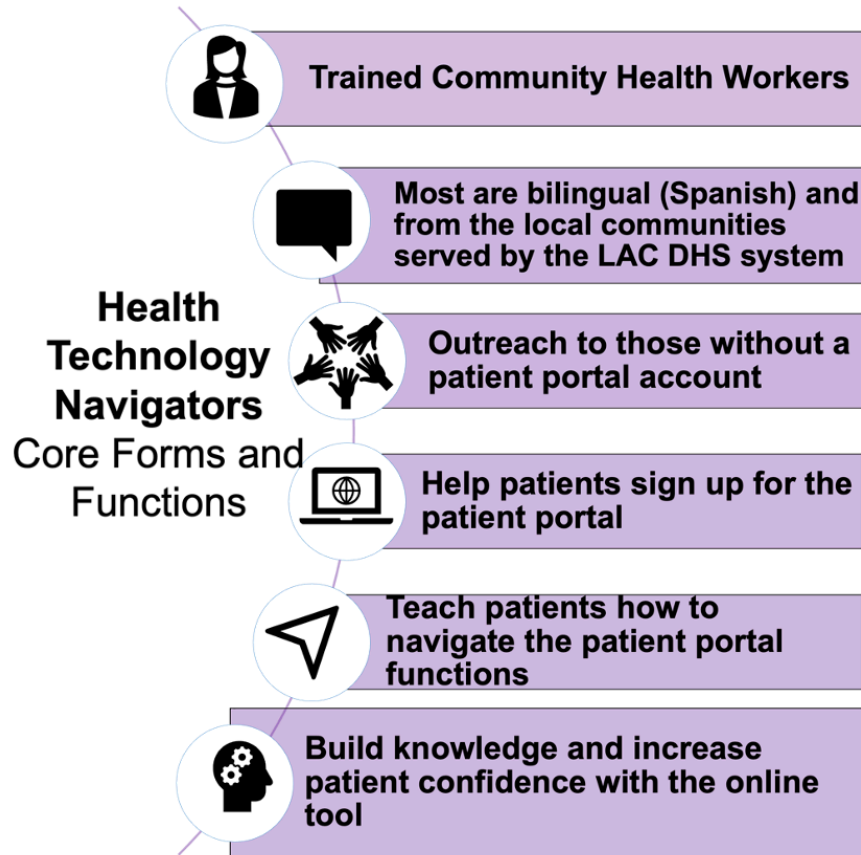


Examples of AIM AHEAD fellowship projects

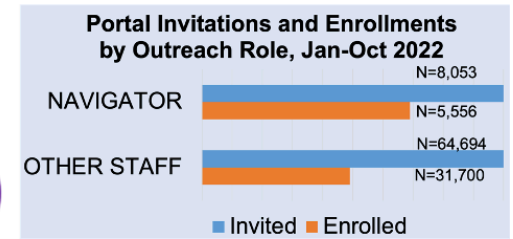
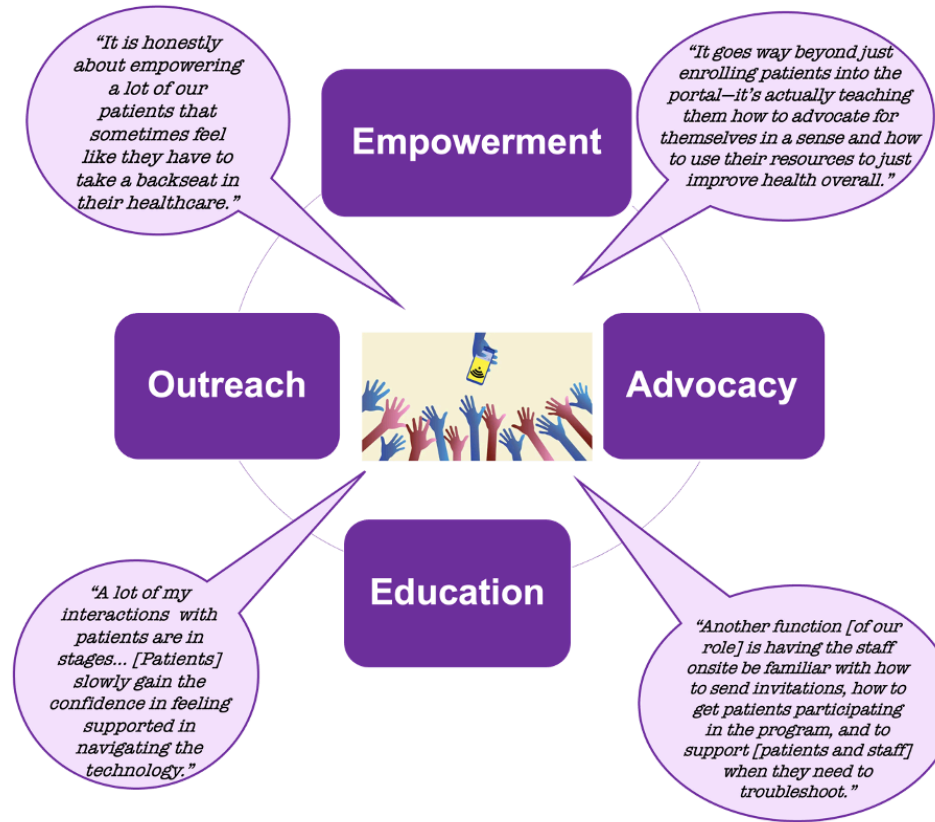
Establishing Collaborations through Events, Conferences, Professional Gatherings, Panels...

1. Monthly Community Engagement Sessions
2. [UCLA Biomedical AI in Action Symposium](#)
3. [UCLA Department of Medicine Research Day](#) (2023 & 2024)
4. [American Society of Nephrology Kidney Week](#) (2023 & 2024)
5. [SoCal Regional Dissemination, Implementation and Improvement Science Symposium](#) (2023 & 2024)
6. [Weitzman Institute's virtual webinar panel "AI fundamentals and Application in Primary Care](#)
7. Duke Clinical and Translational Science Institute Community Engaged Research Initiative (CERI) "Examples From the Field: Community-Centered AI Innovations and the Intersection of Community-Engaged Research"

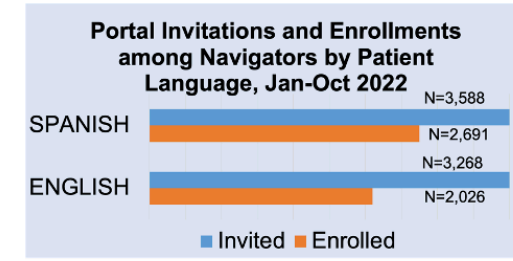
LAC DHS Health Technology Navigators



In their words...



- Statistically significant difference in patient portal enrollment among patients invited by navigators (69%) vs. other staff (49%) ($p < 0.05$)

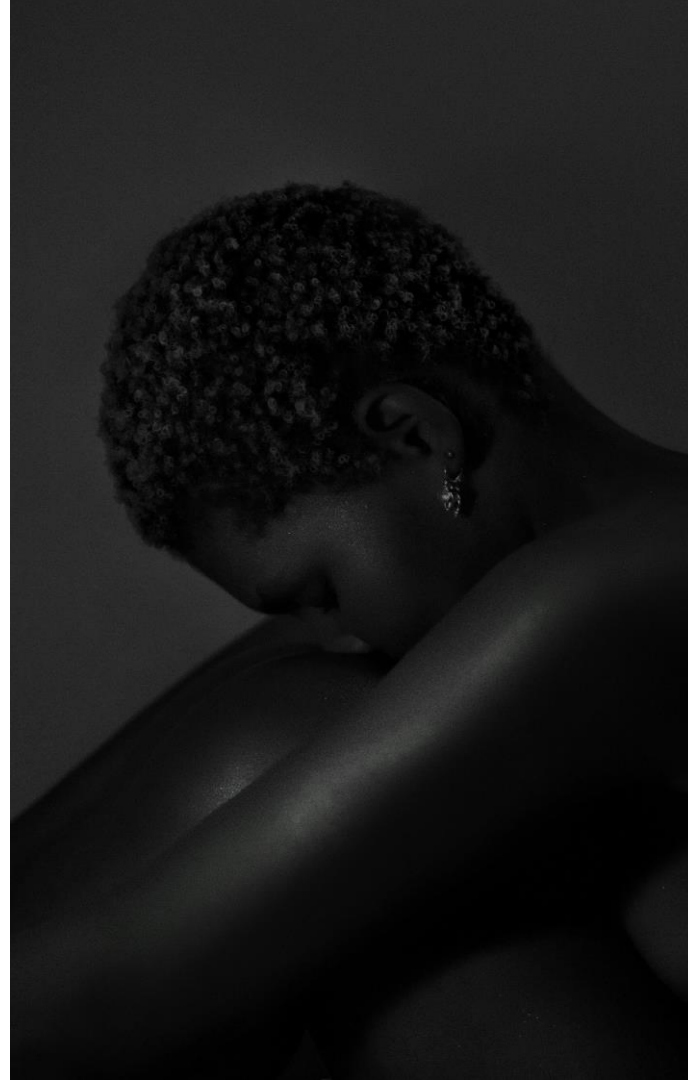


- 75% of Spanish-speakers enrolled in the portal, versus 62% for English-speakers, among patients approached by navigators ($p < 0.05$)
- No differences by age trends in portal uptake between patients approached by navigators versus other staff roles

Leveraging AI/ML to Address Postpartum Depression Disparities in Black Women

Kunmi Sobowale, MD

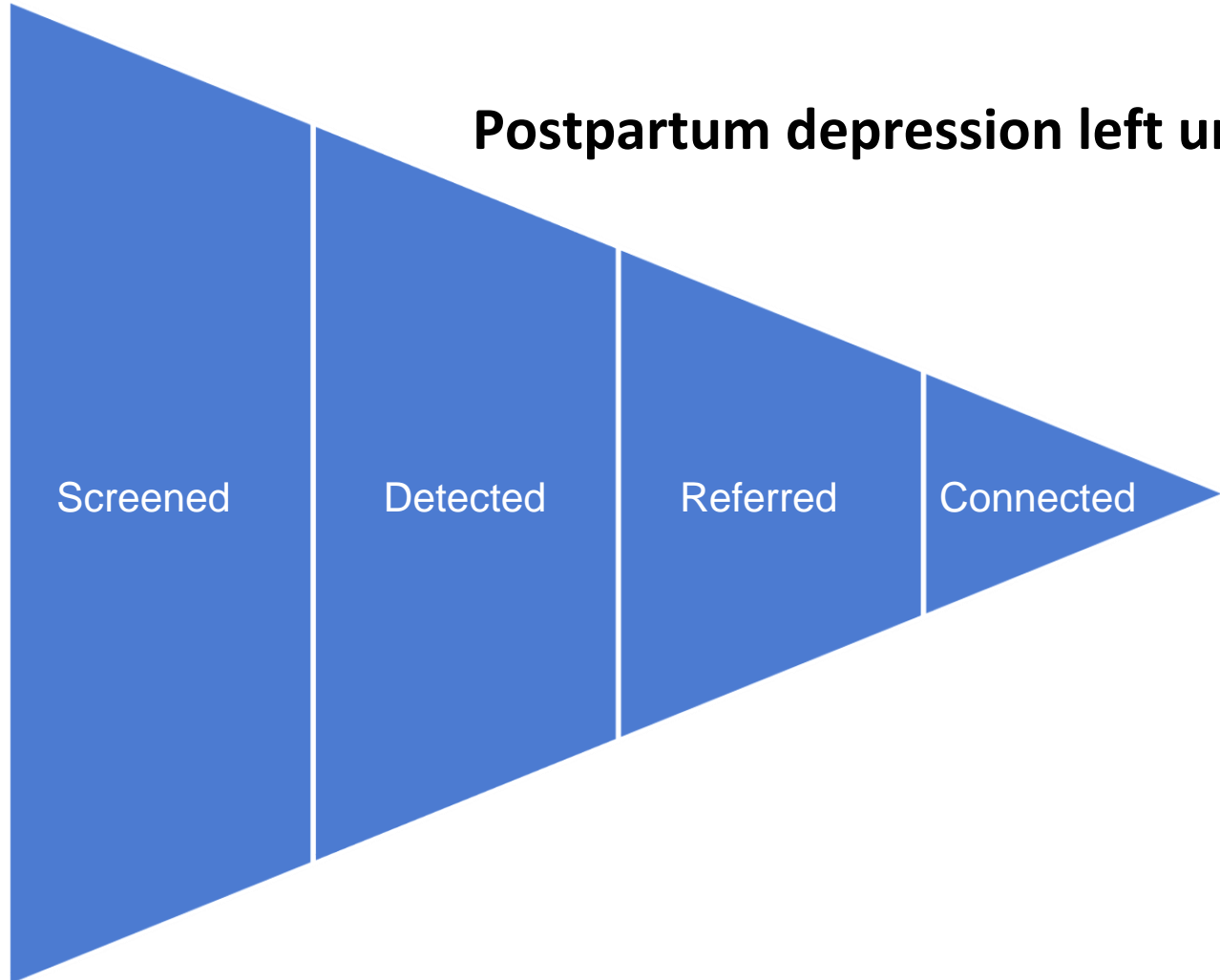
Assistant Professor, UCLA Dept of Psychiatry



Outline

1. Background
2. Research Question
3. Methods
4. Results
5. Next steps/Future directions

Postpartum depression left untreated



Screened

Detected

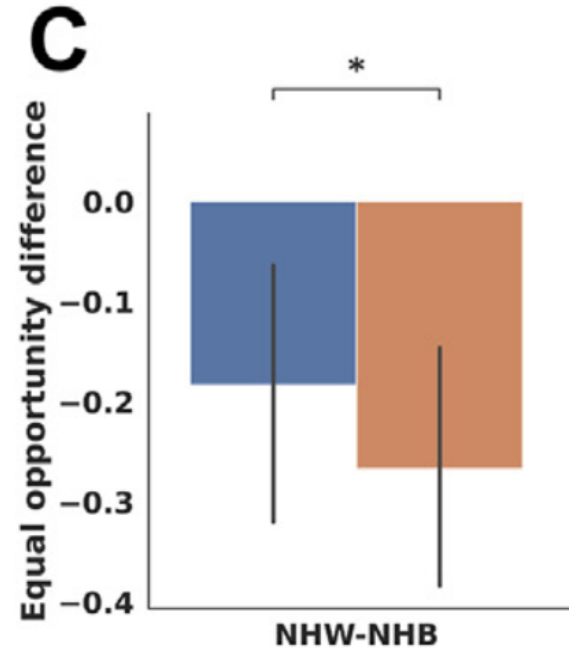
Referred

Connected

Bias in prior studies

Prior machine learning algorithms find bias

Lack of representation could contribute



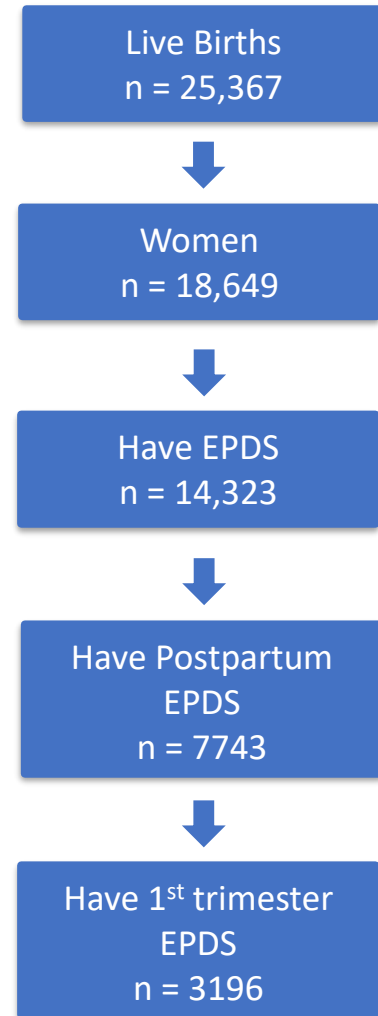
Research Question

Aim 1: To determine whether model performance to predict postpartum depression differs between Non-Hispanic White and Non-Hispanic Black women?

Aim 2: To determine the impact of inclusion social determinants of sleep health on predictive modeling of postpartum depression (i.e., accuracy and racial bias)?

Methods

- MedStar Custom Dataset
- **Inclusion criteria**
 - Age range 16-50 years old at delivery
 - People who have given live birth
 - People who have an Edinburgh Postpartum Depression Scale (EPDS)
- **Exclusion criteria**
 - People with EPDS scores who do not have at least 1 score below 10
 - People who do not have a zip code
 - No record of date of childbirth or test to calculate



Methods (Aim 1)

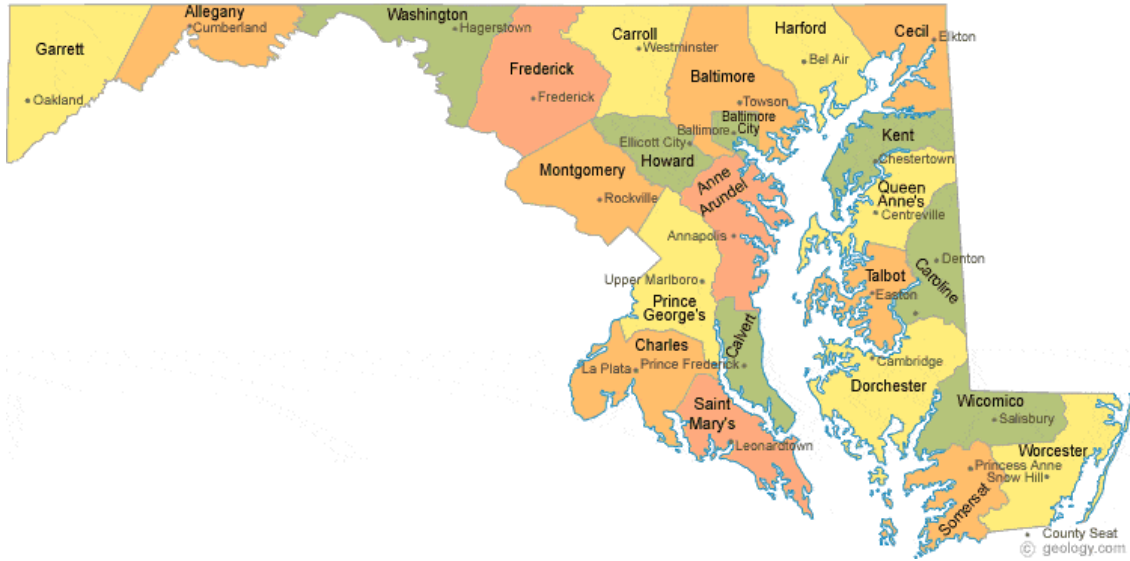
- Models
 - Race agonistic model
 - Race-specific models
- Algorithms
 - Logistic regression
 - Random forest
 - XGB
- Stratified 10-fold CV
 - AUROC
- Outcomes
 - Elevated EPDS score within first postpartum year
 - Fairness metrics

Methods (Aim 1)

- Compare performance of race-specific models
 - $\text{TPR (Sensitivity)} = \text{TP} / \text{TP} + \text{FP}$
 - $\text{EOD} = \text{TPR (NH White)} - \text{TPR (NH Black)}$

	True depression	No depression
Algorithm identified	True positive	False positive
Algorithm not identified	False negative	True negative

Results

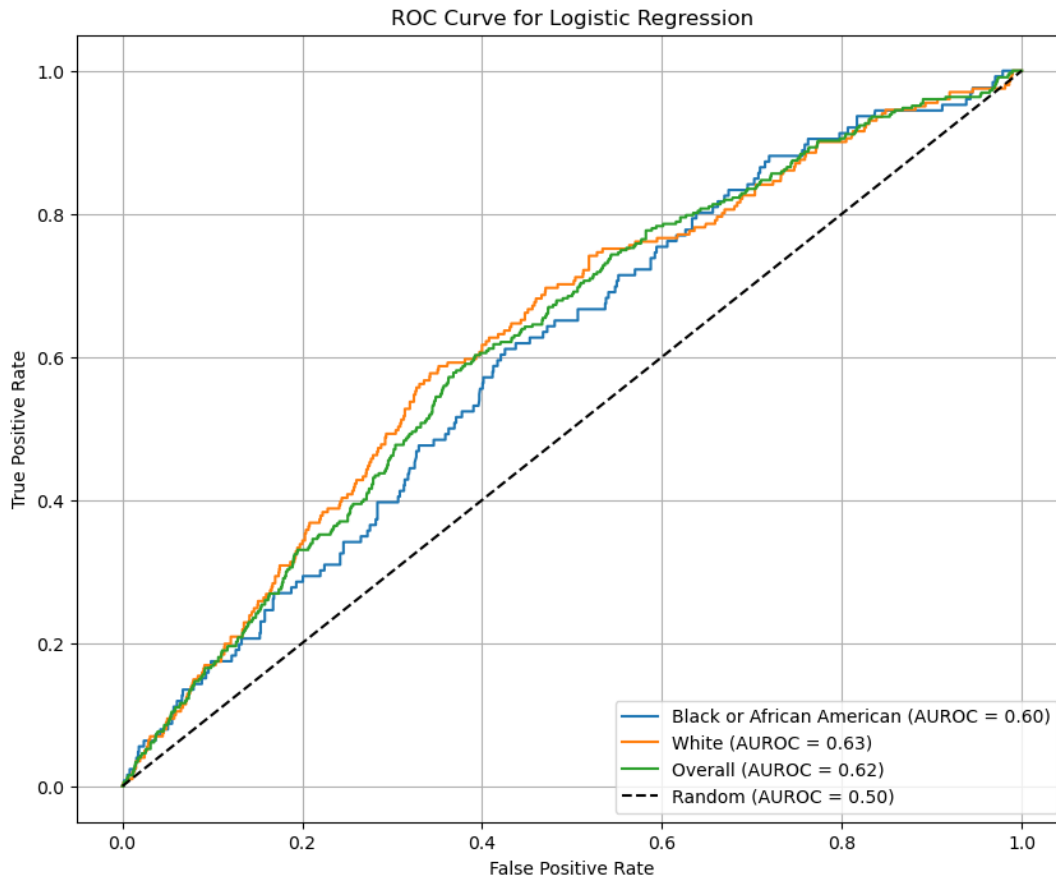


Predictor	Count	Percentage
Postpartum depression		
Not Depressed	2869	89.77%
Depressed	327	10.23%
Race		
White	1984	62.08%
Black or African American	1212	37.92%
Marital status		
Married	1657	51.85%
Not married	1538	48.12%
Infant Sex		
Male	1612	50.44%
Female	1576	49.31%

Predictor	Count	Percentage
Preeclampsia		
No	2959	92.58%
Yes	237	7.42%
Caesarean birth		
No	1954	61.14%
Yes	1242	38.86%
Low birth weight		
No	2946	92.18%
Yes	249	7.79%
Term		
Full term	2881	90.14%
Preterm	315	9.86%

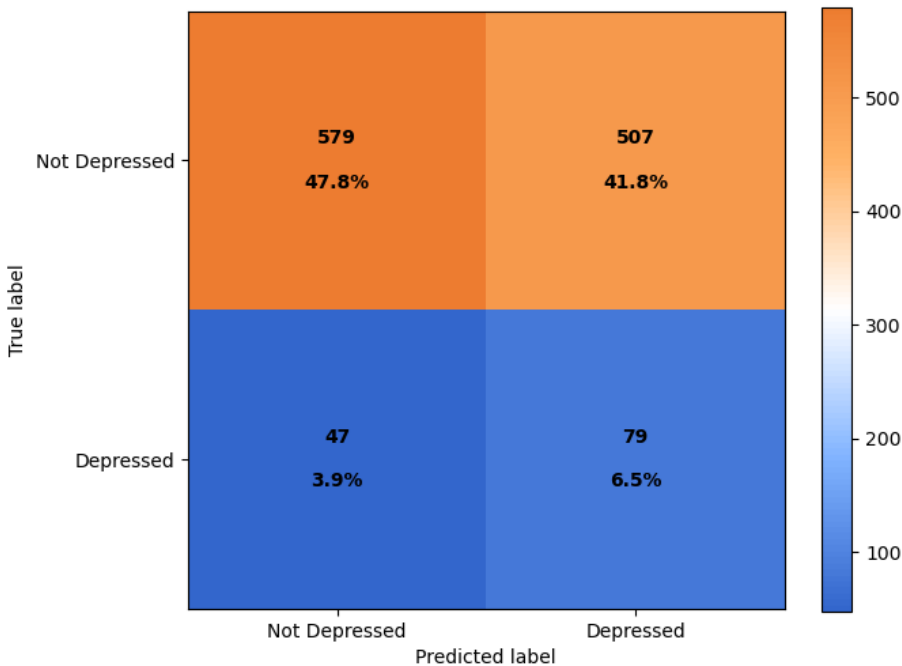
Results

- Logistic Regression
 - Overall = 0.62
 - White = 0.63
 - Black = 0.60
- TPR
 - Overall = 0.59
 - White = 0.57
 - Black = 0.63
- EOD = -0.06

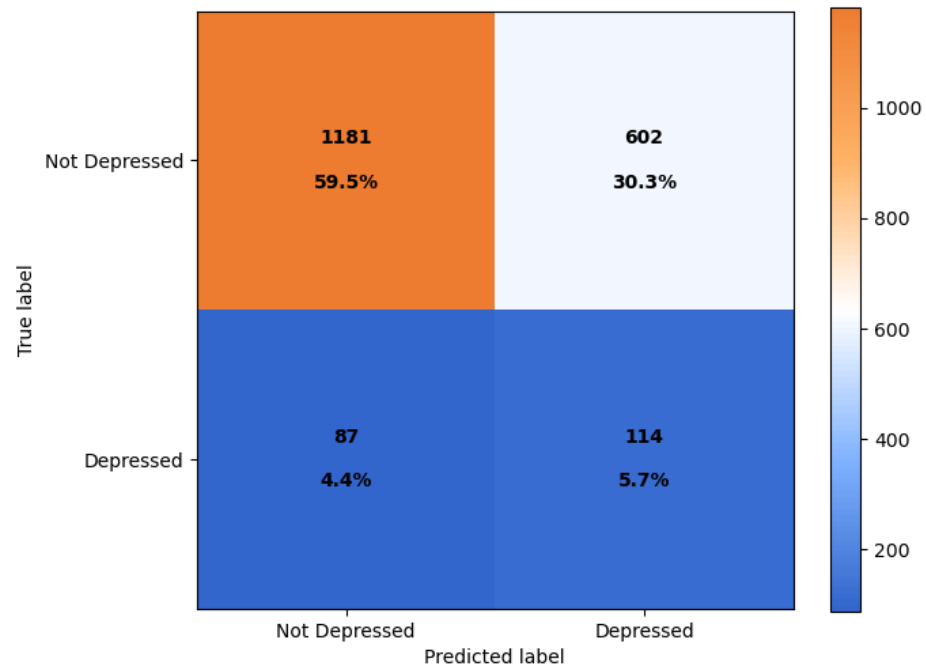


Results

Confusion Matrix - Logistic Regression - Black or African American

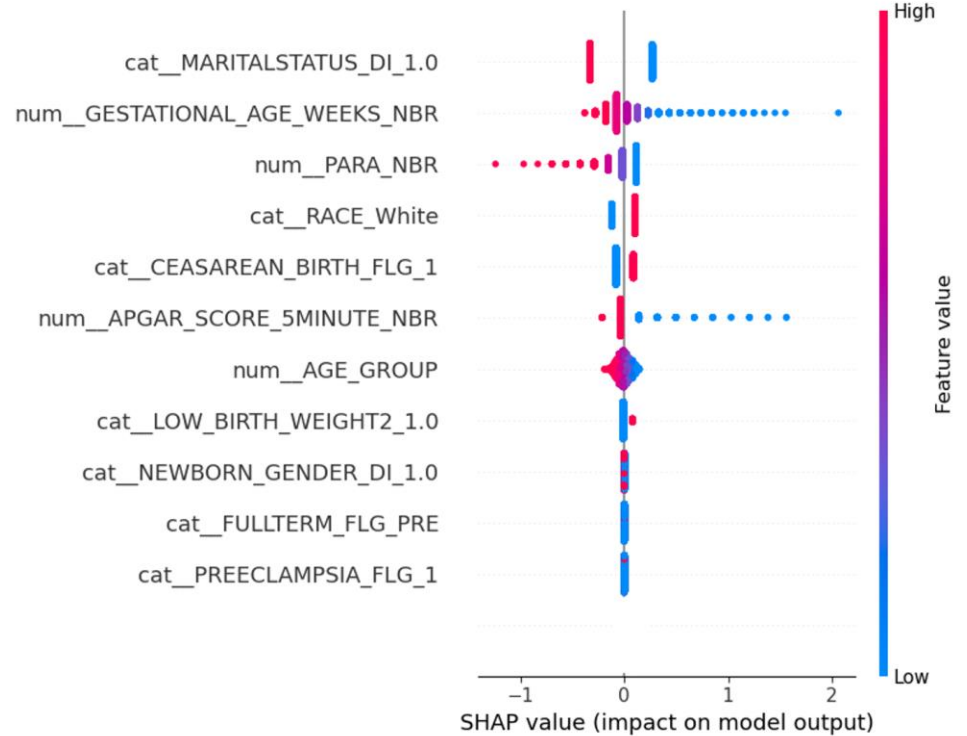


Confusion Matrix - Logistic Regression - White



Feature importance

- Marital status
- Gestational age
- Parity
- Maternal age



Next steps:






Poor prenatal sleep is a predictor of postpartum depression

Sleep health disparities by race

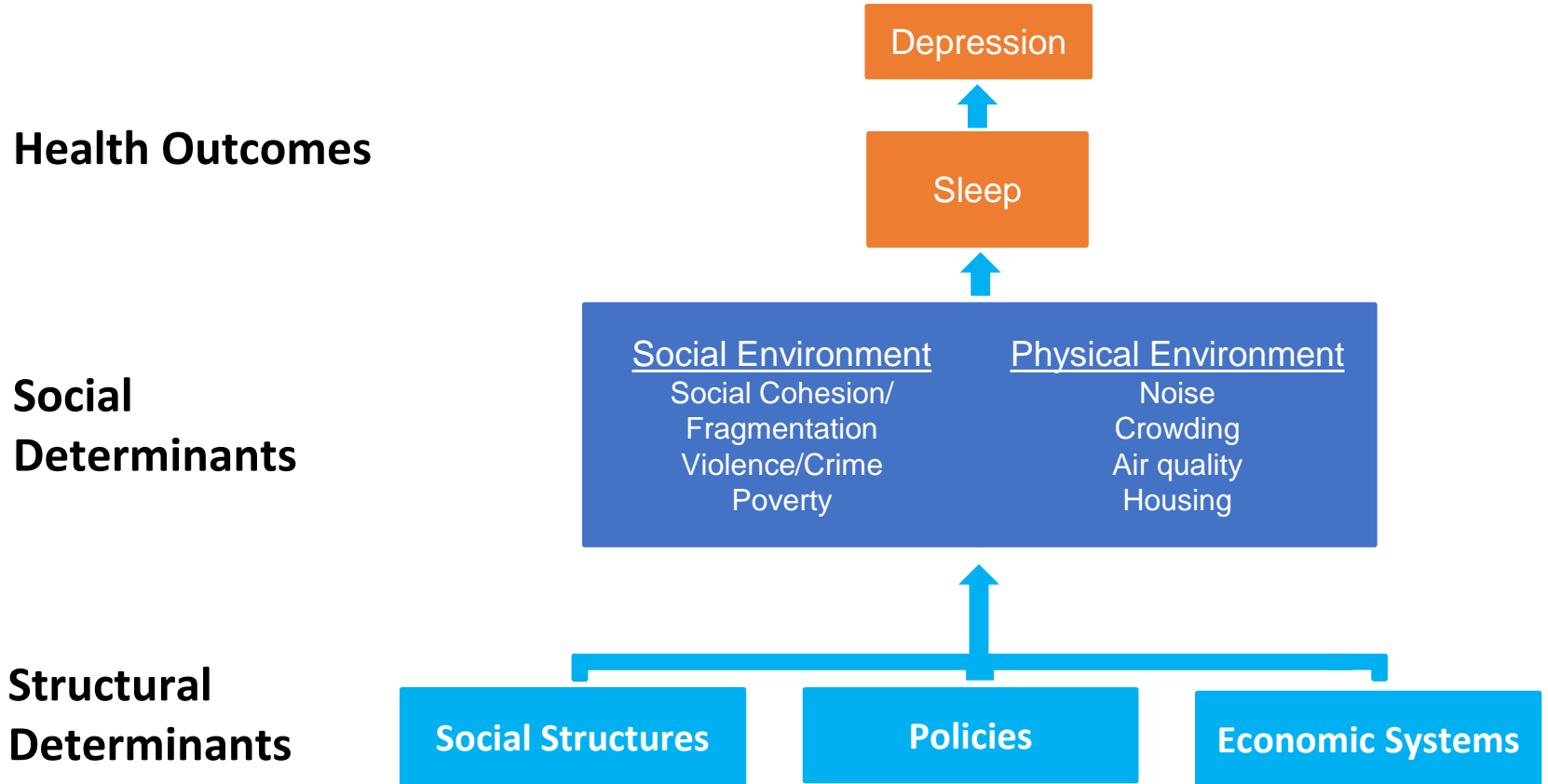
Less stigmatized

Assessing prenatal sleep can inform prevention/early intervention efforts

Racial disparities in sleep

Reference: White	Sleep Duration	Sleep Quality	Sleep Apnea	Insomnia
Black				 

- Black women 50% higher risk of insomnia



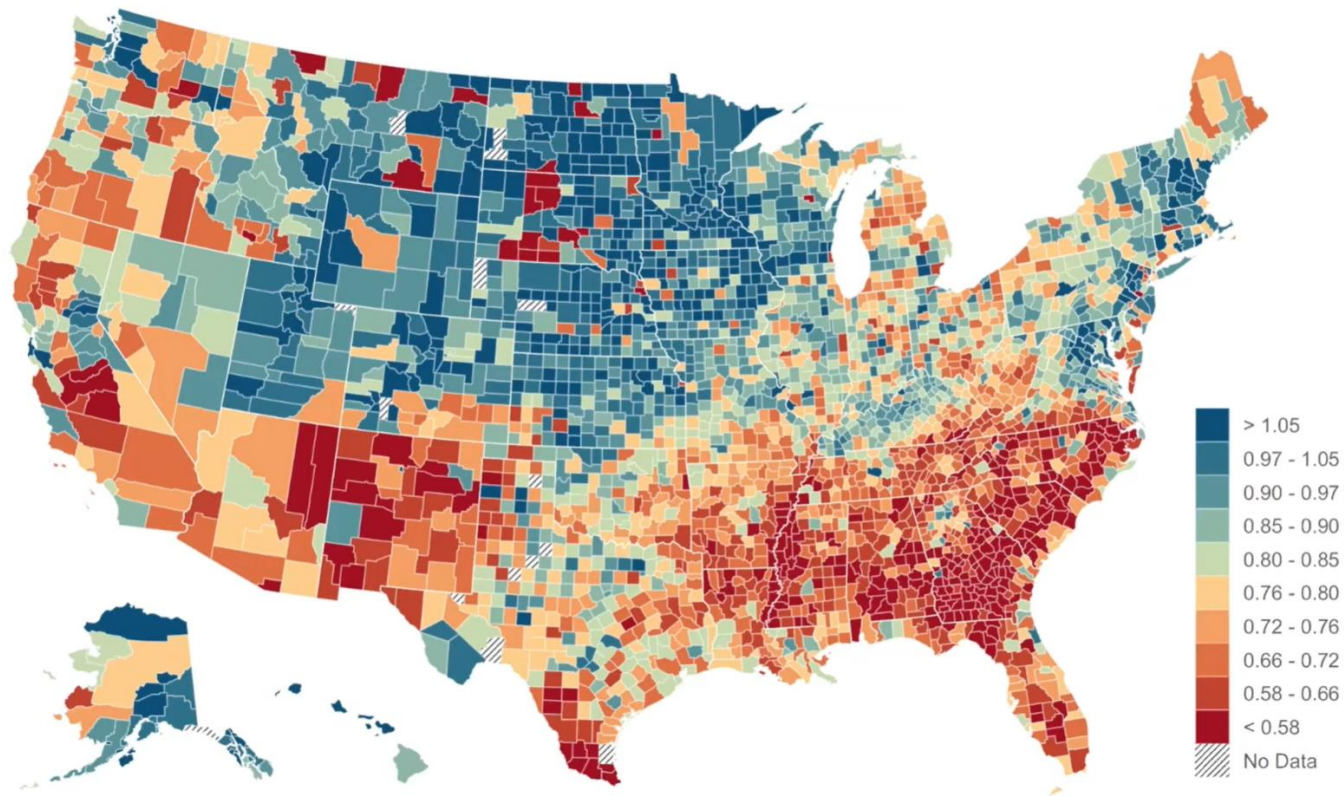
Social determinants of sleep health

- Social capital
- Safety
- Disorder
- Disadvantage
- Walkability
- Green space
- Environmental stressors
- Noise
- Light pollution
- Air pollution
- Urbanicity



Economic Connectedness of Low-SES Individuals by County

Normalized Share of Above-Median Friends Among Below-Median People



How AI may help



1. Extract SDOH Variables & Metadata

Dataset:  Agency for Healthcare Research and Quality

Variable name	Variable description	Data Source
n_internet_sub	# households...	Data related to...
...

Dataset:  NaNDA

Variable name	Variable description	Data Source
ACS_PCT_MEDICAID_ANY	Percentage of population with any Medicaid...	American Community Survey (ACS)
...

2. LLMs for SDOH Variable Classification

Prompt

You are a researcher tasked with annotating a variable describing social determinants of health (SDOH). This is a multi-class classification task. **Respond with a number (1-5) or "?"** if unsure. Give a one number response. The five domain options are:

- (1) Social and Community Context,
- (2) Economic Stability,
- (3) Education Access and Quality,
- (4) Neighborhood and Built Environment,
- (5) Healthcare Access and Quality.

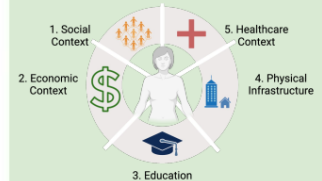
[INST] Variable name: "n_internet_sub".
Variable description: "# households with any type of internet subscription".
Data source: "Data related to internet adoption and internet-enabled devices come from the American Community Survey (ACS) five-year estimate for 2015-2019...".
Domain:[/INST]

Output

Domain: (4)

3. Apply Classified SDOH Variables for Clinical Tasks

5 SDOH Domains:



Task: 30-day Heart Failure Readmission

Thanks!

Funding:

**AIM-AHEAD Coordinating
Center - All Four Cores,
1OT2OD032581-1-31-384**





Community Voices: *Reducing Bias in AI for Community Health*

Cynthia Gonzalez, PhD, MPH

Assistant Professor, MPH Program

Co-Lead, CTSI-Community Engagement & Research Program (CERP)

Department of Urban Public Health

Charles R. Drew University of Medicine and Science

Rodolfo L. Rodríguez

Principal and Founder, The Policy Gap

Culture of Health Leader, Robert Wood Johnson Foundation

OVERVIEW



- About Project Team
- Project Overview
- Community Workshops 2023
- Outreach
- Report-Back 2024
- Q&A Session

ABOUT PROJECT TEAM

Cynthia Gonzalez, PhD, MPH

A first-generation Mexican-American from Watts, Dr. Gonzalez is a community-based research scholar trained in cultural studies, public health, and anthropology. She focuses on advancing community wellness by addressing systemic inequities through locally driven, equity-centered initiatives. Her impactful work includes the Watts Community Studio, Young Ethnographers Program, and co-founding the Watts Rising Collaborative. In her many roles, she champions equitable policy research and prepares future scholars to tackle social challenges through racial and social justice. Dr. Gonzalez's work is deeply influenced by her upbringing and lived experiences.



Rodolfo Rodríguez

A consultant with over 15 years of aligning government and community leaders around the U.S. in taking collective policy action toward a range of affordability crisis issues. He has partnered with undocumented immigrants to strengthen their protections in Denver, co-designed a healthcare system with and for low-income tenants in Austin, convened tribal leaders and federal administrators for land justice in Montana, and mobilized thousands of U.S. communities around historic federal climate justice investments.



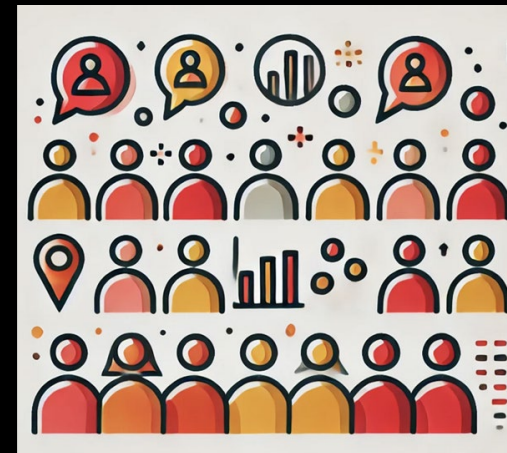
COMMUNITY WORKSHOPS 2023

What did we do?

- Facilitated virtual community discussions with multi-sector professionals in communities of color located in the regions of Las Vegas, Los Angeles, Phoenix, and Albuquerque

Purpose: Better understand community perspectives on AI/ML, centering wellbeing, equity, and inclusion.

- **Aim 1:** Develop an intentional outreach plan for regional representation.
- **Aim 2:** Facilitate community discussions, by region, to understand opportunities and challenges participants associated to the growing AI/ML.
- **Aim 3:** Develop actionable recommendations that promote equity and inclusion, inclusive of participant perspectives and voices.



VIRTUAL SESSIONS + SURVEY

VIRTUAL SESSIONS

- 90-minute virtual discussion sessions around bias, fairness, and the potential risks/opportunities posed by emerging AI/ML technologies in communities of color (BIPOC).
- Participant views on how AI/ML might impact BIPOC communities, what challenges they foresee in the adoption of these technologies, and what safeguards should be in place to ensure fair and just implementation.

SURVEY

- Demographics: metropolitan region, age, gender identity, race/ethnicity, educational attainment, annual income, employment status and occupation.
- Open ended responses: opportunities, challenges, community influence, access, social challenges, DEI, action-oriented strategies for mitigation

OVERALL THEMES

CONCERNS

- Job Loss
- Loss of Humanity
- Bias Output

OPPORTUNITIES

- Efficiency
- Knowledge Increase
- Academic and Medical Sector Improvements


ACTION-ORIENTED STRATEGIES

- Train AI/ML
- Regulation
- DEI Integration

COMMUNITY PARTICIPATION

- Education
- Flexibility
- Grassroots Movement

HOW DID WE GET PARTICIPATION?

Increasing Level of Community Involvement, Impact, Trust, and Communication Flow 				
<i>Outreach</i>	<i>Consult</i>	<i>Involve</i>	<i>Collaborate</i>	<i>Shared Leadership</i>
<p><i>Some Community Involvement</i></p> <p><i>Communication flows from one to the other, to inform</i></p> <p>Provides community with information.</p> <p>Entities coexist.</p> <p>Outcomes: Optimally, establishes communication channels and channels for outreach.</p>	<p><i>More Community Involvement</i></p> <p><i>Communication flows to the community and then back, answer seeking</i></p> <p>Gets information or feedback from the community.</p> <p>Entities share information.</p> <p>Outcomes: Develops connections.</p>	<p><i>Better Community Involvement</i></p> <p><i>Communication flows both ways, participatory form of communication</i></p> <p>Involves more participation with community on issues.</p> <p>Entities cooperate with each other.</p> <p>Outcomes: Visibility of partnership established with increased cooperation.</p>	<p><i>Community Involvement</i></p> <p><i>Communication flow is bidirectional</i></p> <p>Forms partnerships with community on each aspect of project from development to solution.</p> <p>Entities form bidirectional communication channels.</p> <p>Outcomes: Partnership building, trust building.</p>	<p><i>Strong Bidirectional Relationship</i></p> <p>Final decision making is at community level.</p> <p>Entities have formed strong partnership structures.</p> <p>Outcomes: Broader health outcomes affecting broader community. Strong bidirectional trust built.</p>

Reference: Modified by the authors from the International Association for Public Participation.

WORKSHOP 2023 OUTREACH

GOAL

- 50 participants per region of Las Vegas, Los Angeles, Phoenix, and Albuquerque

INCLUSION CRITERIA

- Person of color and/or work with BIPOC communities
- 18 years of age or older
- Digitally connected
- Reside in one of the four targeted metropolitan areas
- Ability to speak and write in English

OUTREACH STRATEGIES

- Relational organizing with project team's established national networks
- "Cold" invitations to local government, organizations, & social media Influencers

INCENTIVE

- Participants: \$50 digital gift card for completing the virtual discussion and an online survey
- Relational Organizers: \$10 per qualifying participant or referral that completed

TOWN HALL 2024 OUTREACH

GOAL

- 20 returning participants per region of Las Vegas, Los Angeles, Phoenix, and Albuquerque

OUTREACH STRATEGIES

- Direct outreach with contact information provided by participants
- Guests included
 - UCLA AIM AHEAD project staff and regional grant recipients
 - CDU staff and students to facilitate break-outs

INCENTIVE

- \$50 digital gift card for completing the virtual Town Hall and an online survey

PARTICIPATION

- 26 returning participants attended Town Hall 2024
- 43.3% attendance rate for Town Hall 2024 (attendees/registrants)
- 78.9% attendance rate for Community Workshops 2023 (attendees/registrants)

TOWN HALL 2024

According to participants, did we capture their perspectives? Yes AND

- one year later, AI is being used a lot more by participants
- workshop helped them think about AI (something they didn't before) and become aware of how it shows up in their daily lives
- increased interests in their work:
 - How can we bring this to our community (access)?
 - We need more conversations like this (also in-person)
 - Participation in curriculum development
- Considerations
 - who are we leaving out?
 - regional needs



CLOSING

LIMITATIONS

The process was like an onion: so many layers to get to the core

- Inclusion Criteria: very specific to adults with skills in technology (e.g. zoom)
- Participant Needs: demonstrating genuine care for participants
- Digital Literacy: did not consider digital divide
- Communications Strategy: partnership with influencers did not yield participation
- Limited resources: mighty, but small grant (12 month follow-up; short-staffed)

NEXT STEPS

The overarching issue is ETHICS

- Case-studies: present examples of ethical dilemmas in AI/ML
- Interactive Workshops: scenario-based exercises in AI/ML development
- Curriculum Development: modules that focus on the social impact of AI/ML
- Discussion Forums: cross sector discussion sessions on ethics in AI/ML
- Feedback Loops: feedback mechanisms for curriculum effectiveness

HOW? Planning committee of participants to inform/advise on the design

- Moving through the community engagement continuum
- Open to partnerships

THANK YOU

- Project participants
- Workshop organizers
- AIM/AHEAD
- UCLA and CDU Staff
- Jachael Gardner, MPH

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