



What *All of Us* illuminates about All of Us: The NNLM Experience Engaging Populations Historically Underrepresented in Biomedical Research

NCNMLG/MLGSCA Joint Meeting

14 June 2019

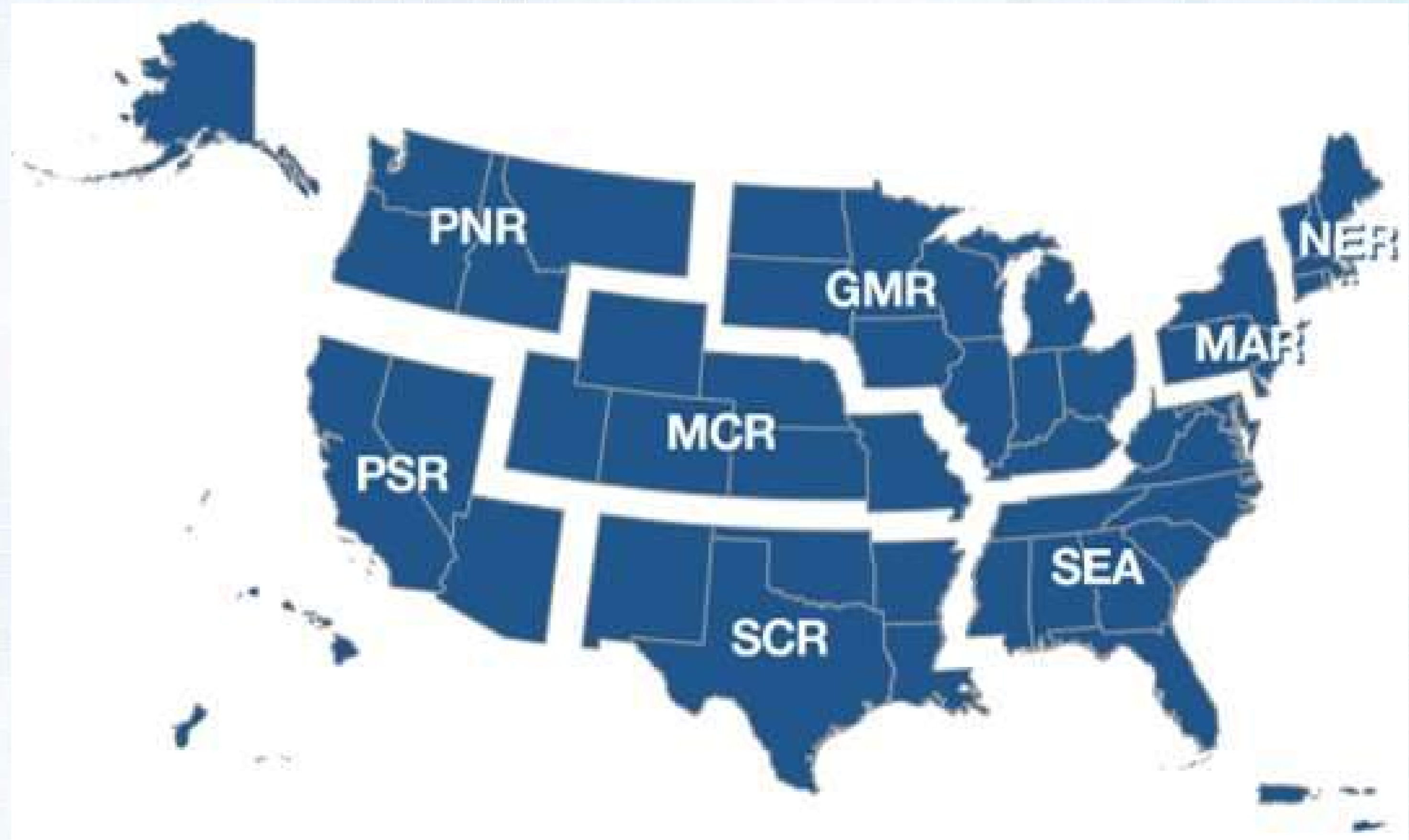
Amanda J. Wilson

Head, National Network Coordinating Office
National Library of Medicine

National Network of Libraries of Medicine (NNLM)

Regional Medical Libraries (RMLs)

Greater Midwest Region (GMR)	Iowa
Middle Atlantic Region (MAR)	Pitt
MidContinental Region (MCR)	Utah
New England Region (NER)	UMass
Pacific Northwest Region (PNR)	UW
Pacific Southwest Region (PSR)	UCLA
South Central Region (SCR)	UNT
Southeastern/Atlantic Region (SEA)	UMB



National Offices (Institution)

- DOCLINE Coordination (UMB)
- Evaluation (UW)
- Public Health Coordination (UMass)
- Training (Utah)
- Web Services (Pitt)

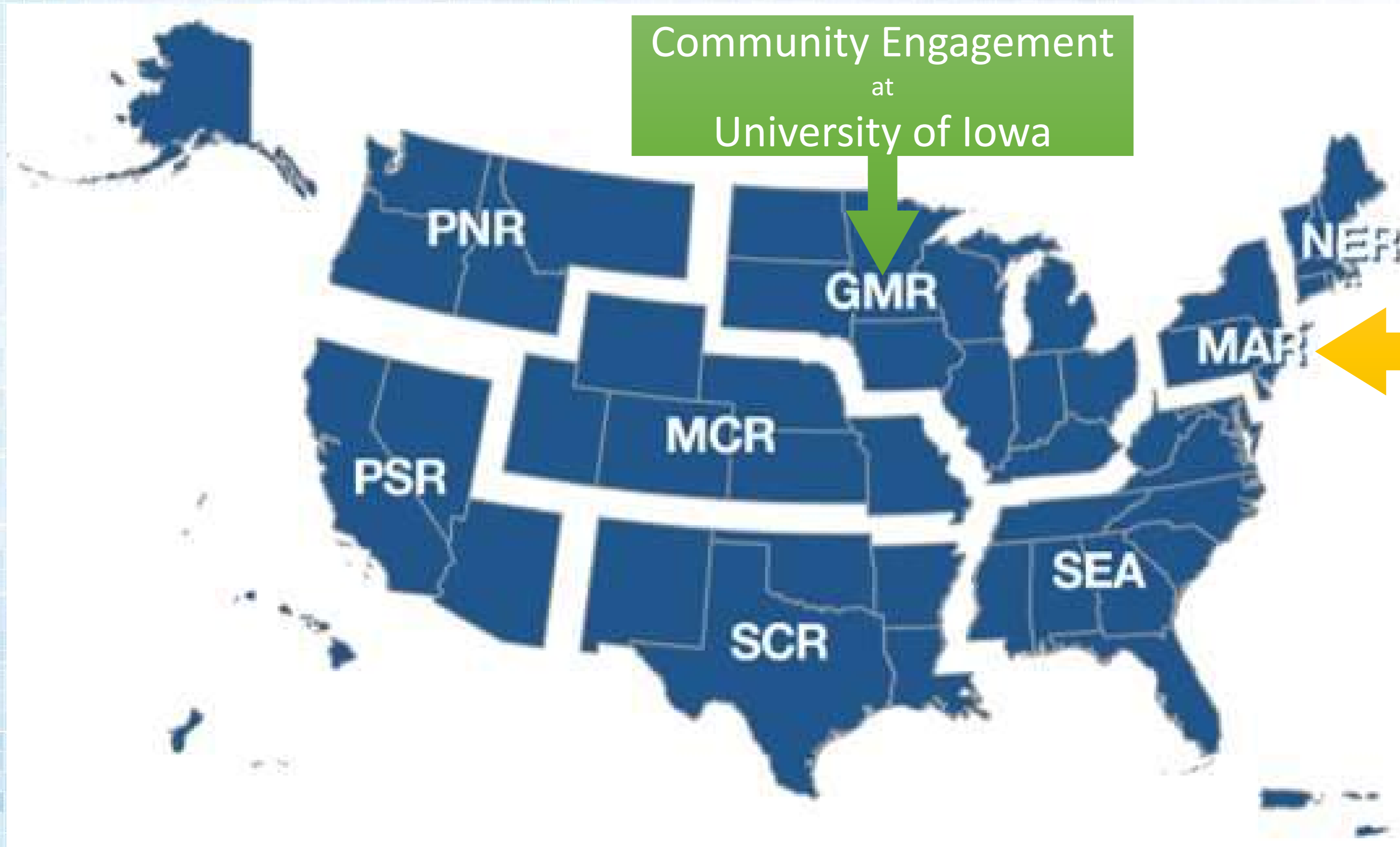
<https://nnlm.gov>



All of Us
RESEARCH PROGRAM

<https://joinallofus.org/nlm>

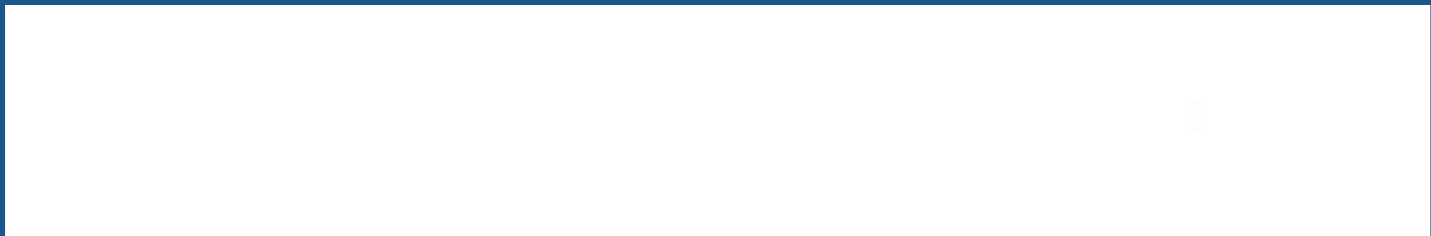
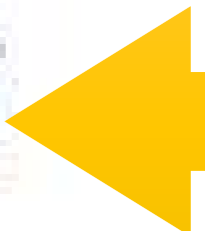
NNLM *All of Us* National Program Coordinating Centers



Community Engagement
at
University of Iowa



Training and
Education
at
University of
Pittsburgh



All of Us
RESEARCH PROGRAM



**Community
Education**



**Community
Engagement**



**AoU Learning
Platform**

UBR Population Description	Determination
Race/Ethnicity	Is reported and is Hispanic, Latino or Spanish; race is reported and identified as something other than White
Age	Under 18 or over 65
Sex	Assigned female or intersex at birth
Sexual and Gender Minorities (SGM)	Is reported and is not Man, or is different than participant-reported sex at birth; sexual orientation is reported and is not straight
Income relative to FPL	Is reported and below Federal Poverty Level
Educational Attainment	Is reported and is less than a high school degree
Geography	Zip code is reported and is contained in the list of rural zip codes (>50% of population resides in a non-metro county and/or rural Census Tract)
Access to Care	Participant needed or needs any medical visit in the past 12 months or currently, but cannot readily use the health care system or could not pay for medical care as needed
Disability	Participant has a physical and/or mental disability

Community Engagement through NNLM + *All of Us*

EDUCATION TOPICS

All of Us Training

Digital Literacy

Evaluating Health Information

Genetics

Health Literacy

Health Numeracy

Researcher Ethics

Return of Genomic Results

ENGAGEMENT ACTIVITIES

Book Mobiles/Book Bikes

Citizen Science Projects

Community Conversations

Health/Science Fairs

Health and Wellness Programming

Online Games

Summer Reading

NNLM + *All of Us*: Community Engagement Examples

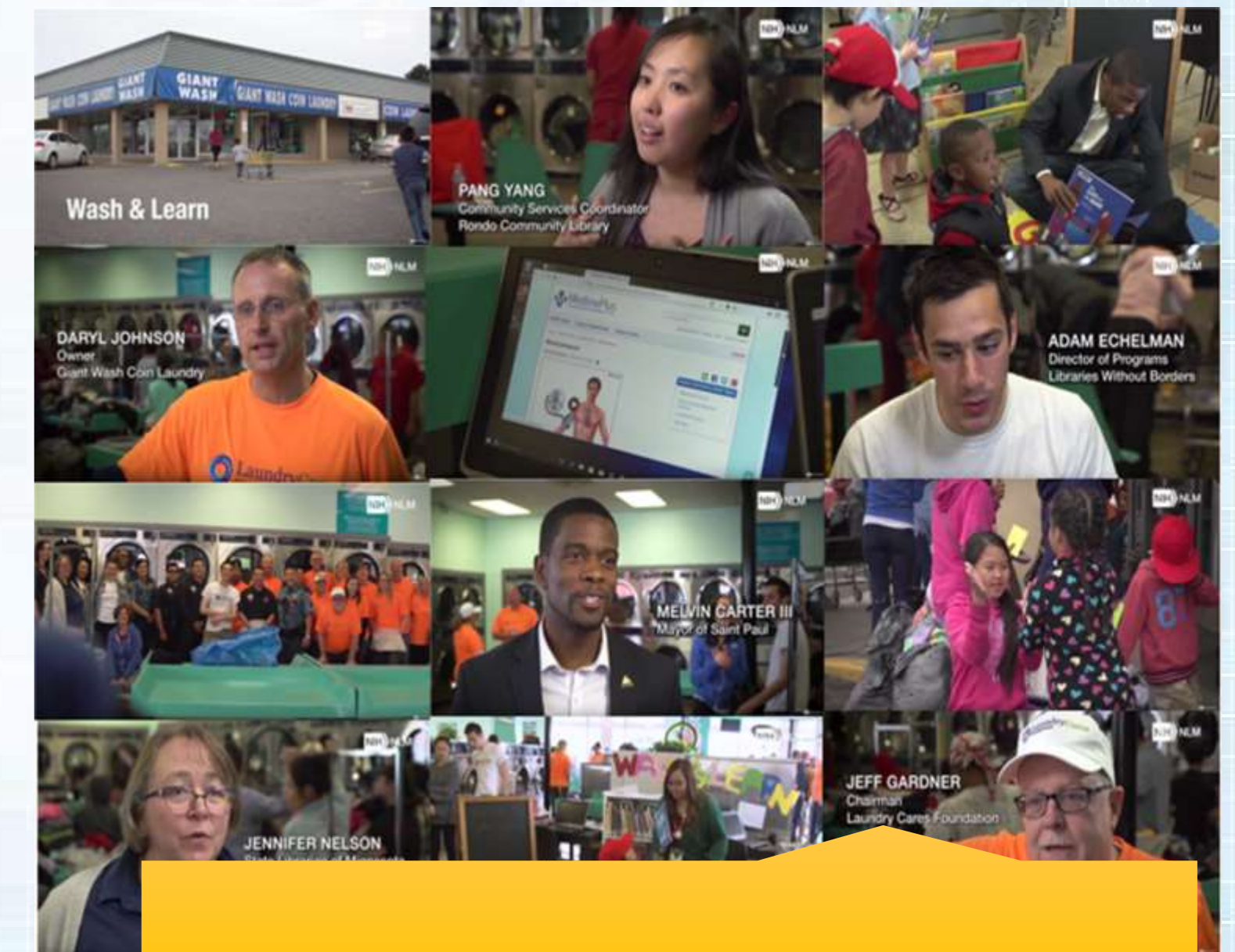
Types of Activities and Outreach



Health/Science Fairs



All of Us Journey Hosting



Wash and Learn

What have we learned?



Language from a poster presentation

What is the All of Us Research Program?

- Part of the federal Precision Medicine Initiative.
- Seizes on advances in research, technology and policies
- Enables a new era of medicine to develop individualized patient care.
-
- Establishes cohorts including people with diverse backgrounds normally omitted from research.

Language from a poster presentation

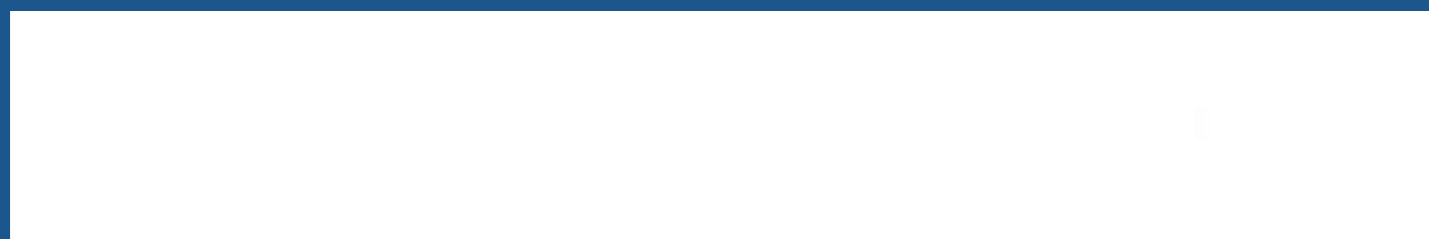
How does this [*All of Us*] help library users?

The National Library of Medicine intends the library initiative within the *All of Us* program to reach out to communities of people that tend to be low in health literacy. These are people who for cultural and economic reasons may struggle in communicating with their health care providers or understanding their health care issues. Their local libraries are in an excellent position to supply them with the information they need.

Conference Proposal

Program Description Timid about health programming/outreach to your community? Feel you don't have the requisite skillset? What does health literacy mean today and why does its evolution matter to public librarians? What is the NNLM *All of Us* Community Engagement Network and how can it help your library advance health literacy initiatives in your community? This learning session includes an interactive poster session by public librarians from across the U.S. sharing how they have actualized a new approach to health literacy programs/services through collaboration with the NNLM *All of Us* Community Engagement Network. Come learn how your library can benefit!

Equity, Diversity, and Inclusion Information People with low health literacy suffer disproportionately from health disparities. We cannot achieve health equity without supporting health literacy - the two are intricately intertwined. This program will illustrate the important role health literacy programs/services play in meeting individuals' health knowledge needs in order to help them attain and maintain better health.





Taking an active role
in your health care.



Engagement

The logo for 'Engage for Health' features the text 'Engage' in white and 'for Health' in yellow, both set against a dark blue speech bubble. This speech bubble is part of a larger graphic consisting of overlapping speech bubbles in shades of purple, pink, and green, with a vertical purple bar extending upwards from the top right corner of the slide.

Engage
for Health

What is engagement?

- ▶ Listen
- ▶ Understand
- ▶ Ask questions

Why is engagement important?

- ▶ Better health and satisfaction

Tips to Stay Engaged

The logo for 'Engage for Health' is located in the top right corner. It features a dark blue speech bubble with a pink outline and a green tail. The text 'Engage' is in white and 'for Health' is in yellow. Above the speech bubble is a vertical pink bar.

Engage
for Health

- ▶ Take a friend or family member with you
- ▶ Write things down
- ▶ Repeat back what you've heard
- ▶ Ask questions

Communication

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Engage
for Health

“The single biggest problem in communication is the illusion that it has occurred.”

—George Bernard Shaw

Questions are the Answers

Engage
for Health



[URL](#) for AHRQ Waiting Room Video

3 Types of Questions

The logo for 'Engage for Health' is located in the top right corner. It features a dark blue speech bubble with the word 'Engage' in white and 'for Health' in yellow. The speech bubble is surrounded by other colorful shapes: a purple circle, a green shape, and a pink shape.

Engage
for Health

- ▶ **What** is this test for?
- ▶ **What** are my choices?

- ▶ **Why** do I need this treatment?
- ▶ **Why** do I need to decrease how much salt I eat?

- ▶ **How** often do I need to take the medication?
- ▶ **How** do you spell the name of that drug?

What Did You Hear?

Engage
for Health



Activity-Role Play

Engage
for Health

Questions?

Role Play



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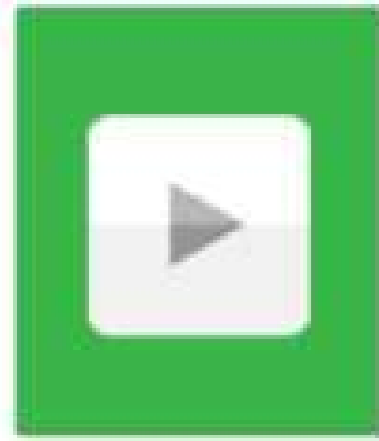
Health Topics

Find information on health, wellness, disorders and conditions



Drugs & Supplements

Learn about prescription drugs, over-the-counter medicines, herbs, and supplements




Videos & Tools

Discover tutorials, health and surgery videos, games, and quizzes



Medical Encyclopedia

Articles and images for diseases, symptoms, tests, treatments



Have a doctor's appointment?

Visit our **Talking With Your Doctor** page

1 2 3 4 ▶

Today's Health News

[Bullying May Take Bigger Toll Than Child Abuse, Neglect](#)

[Milder Autism Typically Diagnosed Later in Girls](#)

[Women's Brains May Have Tougher Time Recovering from Concussion](#)

[More health news](#)

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Talking With Your Doctor

On this page

<p>Basics</p> <ul style="list-style-type: none"> ▪ Summary ▪ Start Here ▪ Latest News ▪ Treatments and Therapies 	<p>Learn More</p> <ul style="list-style-type: none"> ▪ Related Issues 	<p>See, Play and Learn</p> <ul style="list-style-type: none"> ▪ Health Check Tools ▪ Videos and Tutorials
<p>Research</p> <ul style="list-style-type: none"> ▪ Clinical Trials ▪ Journal Articles 	<p>Resources</p> <ul style="list-style-type: none"> ▪ Reference Desk 	<p>For You</p> <ul style="list-style-type: none"> ▪ Children ▪ Teenagers ▪ Seniors ▪ Patient Handouts



Get Talking With Your Doctor updates by email ⓘ

MEDICAL ENCYCLOPEDIA

[Make the most of your doctor visit](#)

Summary

How well you and your doctor communicate with each other is one of the most important parts of getting good health care. Being prepared can help make the most of your visit. Here are some things you can bring:

- Lists of your concerns, any allergies and all the medicines, herbs, or vitamins you take
- A description of symptoms - when they started, what makes them better
- A trusted friend or family member
- A way to take notes during your appointment



URL for Talking With Your Doctor (MedlinePlus)

Search here...

Teens Home

Body

Mind

Sexual Health

Food & Fitness

Diseases & Conditions

Infections

Q&A

School & Jobs

Drugs & Alcohol

Staying Safe

Talking to Your Doctor

KidsHealth > Teens > Body > Getting Medical Care > Talking to Your Doctor

AAA
Text Size



▶ What's in this article?

see more [+]

Listen

Life gets way more complex when you're a teen. On top of all of the emotional and physical changes you go through, there are more choices and decisions to make and more stresses from school, sports, jobs, family, and even friends.

Lee este artículo
en Español

Engage
for Health

URL for Talking to Your Doctor (TeensHealth)



Engage
for Health



Questions?

Communication is Key!



HOUSE^{M.D.}

[URL](#) for House MD Video

Image from Fox

For More Information Contact:

The logo features the text "Engage for Health" inside a speech bubble. "Engage" is in white, "for" is in yellow, and "Health" is in white. The speech bubble has a blue top, a green bottom, and a pink right side.

**Engage
for Health**

National Network of Libraries of Medicine, Middle Atlantic Region

<http://nnlm.gov/mar/>

nnlmmar@pitt.edu

412.648.2065



U.S. National Library of Medicine

National Network of Libraries of Medicine

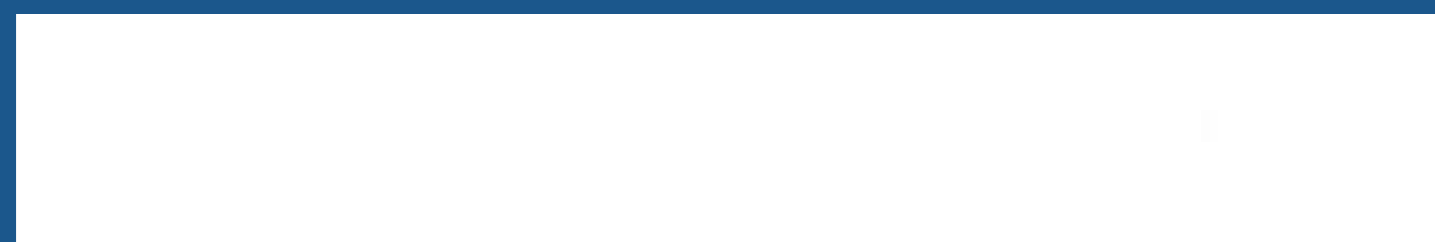
Middle Atlantic Region

This presentation was adapted from the 'Engage for Health': Tools for Health Literacy Community Education from The Hospital & Healthsystem Association of Pennsylvania.

This project is funded by the National Library of Medicine, National Institutes of Health, Department of Health and Human Services, under Cooperative Agreement Number UG4LM012342 with the University of Pittsburgh, Health Sciences Library System.

One response to NNLM *All of Us* presentations to tribal library audiences

“...maybe NNLM and the other *All of Us* program members may just have to work with more mainstream communities that don't have a long history of exploitation and mistreatment.”



National Poison Prevention Week

Check out the **Household Products Database** (householdproducts.nlm.nih.gov) for information on safety and handling of common products!



NIH U.S. National Library of Medicine
National Network of Libraries of Medicine

March is Women's History Month!

Visit **MedlinePlus** (medlineplus.gov) for resources on women's health, including pregnancy, menopause, breast cancer, and bone density screenings.



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Original Materials

National Poison Prevention Week

Visit **MedlinePlus** (medlineplus.gov) for resources on carbon monoxide, toxic household products, pesticides, and other substances.



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National Network of Libraries of Medicine

March is Women's History Month!

Discover the ways that women have influenced medicine through the **Changing the Face of Medicine** online exhibit (cfmedicine.nlm.nih.gov)



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National Poison Prevention Week

Connect with the **Poison Help line** at **1-800-222-1222** for support from nurses, pharmacists, doctors, and poison experts 24 hours a day, 365 days a year.



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March is National Nutrition Month!

Visit **MedlinePlus** (medlineplus.gov) for information on diets, food labeling, nutrition for series, and more!



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Revised Materials

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Available from nnlm.gov/allofus

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2018 NLM Exhibit Banners



Banner 1 (33.25x92)



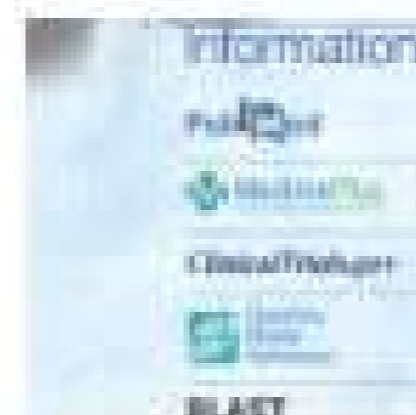
Banner 2 (33.25x92)



Banner 3 (33.25x92)



Banner 4 (33.25x92)



Banner 5 (33.25x92)



Banner 6 (47x92)

Short on time?

Need funding?

*How about FREE
health resources
and materials?*

Look no further.



***We can
help!***



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Southeastern/Atlantic Region*

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Need funding?

How about **FREE** health
resources and materials?



Look No Further! NNLM has the Answers.



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Thank you!



All *of* **Us**
RESEARCH PROGRAM

<https://joinallofus.org/nlm>