

A photograph of the Hyatt Regency New Orleans building at dusk. The building is a modern, multi-story structure with a glass facade and a prominent entrance. The sky is a deep blue, and the building's interior lights are glowing, creating a warm contrast with the cool tones of the twilight. The text 'Welcome' is overlaid in a large, white, sans-serif font, centered horizontally across the middle of the image. Below it, the text 'The NIA Biomarker Network' is also overlaid in a smaller, white, sans-serif font, centered horizontally. In the lower-left corner, the Hyatt Regency logo and the text 'HYATT REGENCY NEW ORLEANS' are visible on the building's facade.

Welcome

The NIA Biomarker Network



HYATT REGENCY
NEW ORLEANS



BIG NEWS

We have been renewed
through 2027!

Work on Biomarker Collection and
Measurement in Population Studies of Aging:
2022-2027
R24 AG054365-06



MPIs: (Some) New Leadership of the Biomarker Network



Jessica Faul

University of Michigan



Eileen Crimmins

University of Southern California



Colter Mitchell

University of Michigan



Thank you!



Teresa Seeman

University of California, Los Angeles



A row of seven ladders is positioned against a teal background. The ladders are arranged in a line, with the central ladder being significantly taller than the others. The central ladder is glowing with a bright white light, while the other ladders are a muted, light blue color. The floor is also teal and reflects the ladders. The text "Goals & Future Planning" is centered over the ladders in a large, white, sans-serif font.

Goals & Future Planning

AIMS

To Promote:

- Optimal practices for collecting, handling, and processing of biological information in population studies
- Data sharing and harmonization of biological data
- Optimal approaches to measurement of cumulative biological risk or dimensions of biological risk at multiple levels into studies of health outcomes
- Development and validation of novel measures of biological aging
- Training and interdisciplinary exchanges of knowledge and experience

NEW AREAS OF FOCUS

Harmonization of molecular (e.g. epigenetic and RNA) biomarkers of health and aging over the life course

Increasing representation in biosocial data and among scholars from underrepresented populations

Exploring emerging geroscience biomarkers for potential application in large representative studies of aging, including biomarkers of ADRD

Examination of biomarkers of environmental exposures (e.g. pollution, toxicants, extreme weather, chronic poverty)

MEETINGS

PAA MEETING

- Annual meeting before PAA
- International meeting

THEME MEETINGS

- Biomarker harmonization
- Emerging markers important for representative studies of aging, including ADRD
- Environmental exposures

WEBINARS

- 1-2 per year on emerging topics

OTHER

- Email newsletters
- Slack channel

PILOTS AND TRAINING

PILOTS

- Support 3-4 per year
- Largely methods focused on biomarker development and testing
- \$10-15K each

NEW IN-RESIDENCE TRAINING OPPORTUNITY

- 2-3 short term in-residence collaborations for junior researchers wanting to work with a Network member

THANK YOU!!

A HUGE THANK YOU TO
NICK PRIEUR AND ZAINAB MASOOD
FOR ORGANIZING THIS MEETING



KEEP IN TOUCH!

Contact Us:

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Visit Our New Website:

<https://biomarker-network.isr.umich.edu/>