

Recruitment of underrepresented groups into neuroimaging studies for the



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Emily Rogalski, PhD

Special Thanks to:

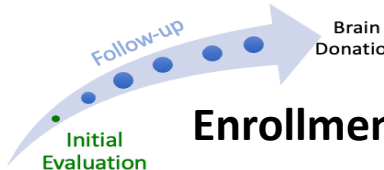
Each of the SuperAging Research Initiative sites, Phyllis Timpo, Amanda Cook Maher, Nicole Hunt, Josh Pasaye, Annalise Rahman-Filipiak, the SuperAging research participants and community members

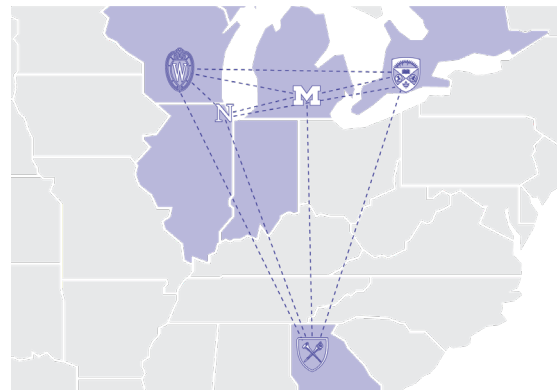


Who are SuperAgers?

- ✓ Over age 80
- ✓ Episodic memory performance is at least “average” according to 50-65- year-olds norms
- ✓ Performance in other cognitive domains (e.g., language) is at least average for age.



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- 5 sites in North America
 - Biennial Visits (every 2 years)
 - Enrollment Goals:
 - N=500 (300 SuperAgers, 200 Controls; 80+ year-olds, 40% Black)
 - + Rollover Enrollment from the Northwestern SuperAging R01



Expanding the Depth and Breadth of Science

Family History	Socioeconomic	Neuropathology
Medical History	Motor ^{Clinic/FLB}	Blood Biomarkers
Education	Sleep ^{Clinic/FLB}	Genetics
Cognition	Social Engagement ^{Clinic/FLB}	Transcriptomics
Brain Structure/Function	Activity ^{Clinic/FLB}	Inflammation
Personality	Autonomic Function ^{FLB}	Immunity

Community to Research Clinic Connection:

Key Themes



Engagement/Outreach

- **Educational Opportunities:** MR/PET brochures, Study Presentations, Brain Health Education
- **Building Relationships:** Community partnerships, local ambassadors, Events
 - Inviting conversations and questions
 - Consistency
- **Listening Sessions / Focus groups**



At the Visit

- **Staff liaisons:**
- **Educational Opportunities:** Creating time for questions /education
- **Relatable Analogies:** Demystifying the process
- **Making it meaningful:** Reinforcing the importance of their participation
- **Comfort:** Providing movies / music during the MR scan, Mock Scanner practice, etc.



Ongoing Relationships / Retention

- **Giving back:**
 - Opportunity to receive a copy of the scan
- **Sustained Engagement:**
 - Events (e.g., learn about the study, connect with other SuperAgers)
 - Newsletters

Barriers to Participation in Neuroimaging

Burden

- “MRI Fatigue”

Claustrophobia / Anxiety

Medical contraindications

Misconceptions

- “MRI’s have long-term side effects”
- “MRI’s have radiation”
- “MRI’s use dye, I am allergic to dye”



Supporting the Science of Engagement, Outreach, and Recruitment

Site Stakeholders:

- Surveys, Individuals Site interviews, Discussion sessions at operations meetings

Community / Participant Stakeholders:

- Documenting feedback from existing SuperAgers and community members (i.e., potential participants)

Giving back:

- Providing time, events, expertise/education, appreciation gifts, and materials (e.g., brochures).

Documentation & Dissemination:

- Sharing facilitators & barriers

