

MAPP FACULTY

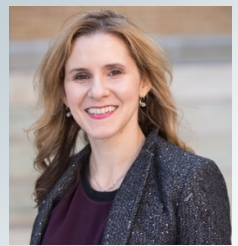
MAPP TEAM



Yakeel T. Quiroz, PhD

Director, MAPP
Clinical Neuropsychologist
Assistant Professor of Psychiatry

Research interests:
Early detection and tracking of cognitive and brain changes that predispose to develop Alzheimer's disease and other dementias.



Jennifer R. Gatchel, MD, PhD

Geriatric Psychiatrist
Instructor in Psychiatry

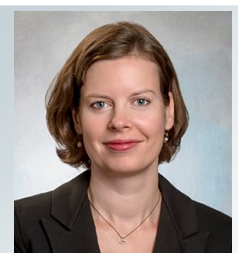
Research interests:
Early detection of Alzheimer's disease; and neuropsychiatric symptoms in preclinical and prodromal Alzheimer's disease.



Liliana Ramirez-Gomez, MD

Neurologist
Instructor in Neurology

Research interests:
Preclinical and clinical markers of cognitive impairment. Changes in odor memory and sleep disruption in preclinical stages of Alzheimer's disease.



Rebecca Amariglio, PhD

Clinical Neuropsychologist
Assistant Professor of Neurology

Research interests:
Early detection of Alzheimer's disease.
Subjective cognitive decline in preclinical AD.



Kate Papp, PhD

Clinical Neuropsychologist
Assistant Professor of Neurology

Research interests:
Early detection of Alzheimer's disease. Development of sensitive tools for measuring early cognitive decline.



Multicultural Alzheimer Prevention Program



Departments of Psychiatry and Neurology
Massachusetts General Hospital

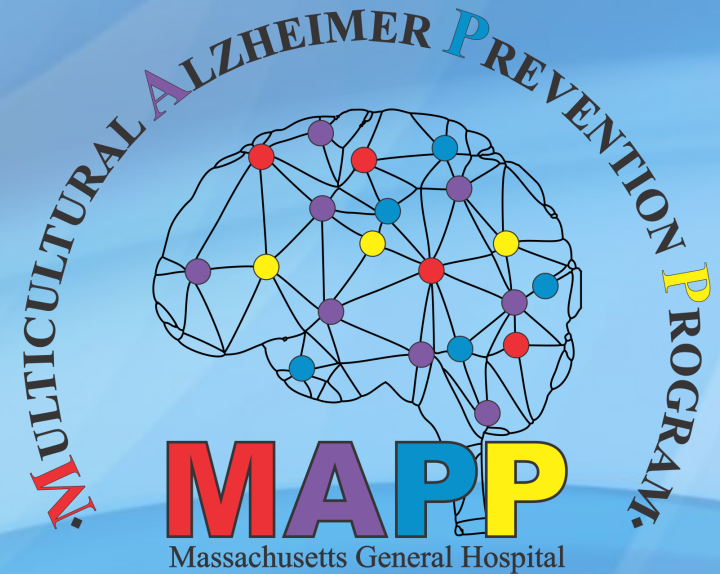
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Mission

Advance the understanding of the underlying mechanisms of Alzheimer's disease and related dementias and prevent cognitive decline through **culturally informed 1) Assessment, 2) brain imaging and other biomarker research, and 3) clinical interventions.**

MAPP leverages:

- * Access to unique cohorts at increased risk for cognitive impairment and dementia.
- * Local, national and international partnerships on neuroimaging research.
- * Collaborations with Neuropsychology, Psychiatry and Neurology at MGH

Prevention Research

Brain imaging and other biomarkers of neurodegeneration. MAPP conducts research on cognitive, brain imaging and non-imaging markers of pre-clinical Alzheimer's disease and related dementias. Ongoing studies include the Boston Latino Aging Study (BLAST), and the COLBOS (Colombia-Boston) Project.

Collaborations within and outside of MGH

- | | |
|----------------------|-----------------------------|
| *-Reisa Sperling, MD | *- Janet Sherman, PhD |
| *-Dorene Rentz, PsyD | *- Jonathan Rosand, MD |
| *- Keith Johnson, MD | *-Teresa Gomez-Isla, MD |
| *- Brad Hyman, MD | *- Francisco Lopera, MD |
| *- Eric Reiman, MD | *- Joseph Arboleda, MD, PhD |



Pharmacologic, Somatic, Life-Style Interventions

MAPP:

- * Serves as a recruitment resource for clinical trials at MGH and Brigham and Women's Center for Alzheimer Research and Treatment (CART) and the Massachusetts Alzheimer's Research Center (MADRC).
- * Leads novel non-pharmacological intervention studies in older individuals w/out dementia

Multicultural Assessment: Development, Validation, Implementation

MAPP:

- * Coordinates existing services for cognitive evaluation of memory disorders at the MGH Psychology Assessment Center (PAC) and the MUNDOS Program.
- * Implements methods for systematic collection of clinical data and testing protocols for rapid assessment and tracking disease progression, in coordination with the Massachusetts Alzheimer's Research Center (MADRC).
- * Develops novel, culturally-appropriate cognitive test for assessment of memory disorders through development and validation of new, reliable instruments with construct and diagnostic validity that are appropriate for multicultural populations.



Clinical and Academic Training

MAPP offers unique training opportunities for future scientist-practitioners interested in specializing in Alzheimer's disease and dementia prevention, intervention studies and multicultural assessment (in collaboration with Psychiatry, Neurology and Psychology programs at MGH).

The MAPP Scholars Program is designed to introduce exceptionally-qualified diverse student to the successes and demands of a career in age-related diseases. The program also seeks to enhance their professional networking opportunities in the field of Alzheimer's disease.

Outreach and Engagement

MAPP is involved in community outreach, education and engagement. We work in collaboration with Massachusetts Alzheimer's Disease Research Center (MADRC) Outreach, Recruitment and Engagement Core.

MAPP collaborates with prevention efforts of the MGH McCance Center for Brain Health, with focus on patient, community and health care provider initiatives (e.g. the ongoing PCP Initiative)