MAPP FACULTY

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:  

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:  

MAPP TEAM

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 preclinical 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
- Dorene Rentz, PsyD
- Keith Johnson, MD
- Brad Hyman, MD
- Eric Reiman, MD
- Janet Sherman, PhD
- Jonathan Rosand, MD
- Teresa Gomez-Isla, MD
- Francisco Lopera, 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)