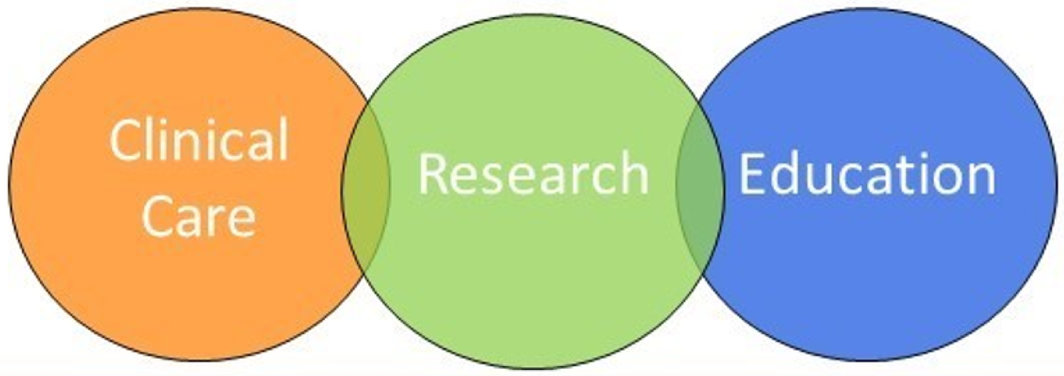
Duke Center for Misophonia and Emotion Regulation

Multi-disciplinary Strategies

- Basic Science
- Genetics
- Laboratory Science
- Neuroscience
- Developmental
- Clinical Trials
- Behavioral Science

Framework



Outcomes

- Measure Development
- Treatment Development
- Dissemination and Clinician Training
- Epidemiological and Population Management
- Parent and Loved One Training

Mission Statement

The overarching mission of this newly launched Center is to become an international leader in the advancement of research, education, and clinical services for individuals with misophonia and difficulties regulating emotions. The Center is supported primarily by a 5-year commitment of funding from a major philanthropic donor, and is the only such Center in the United States. Our first research questions center around the key challenges identified at the 2018 Milken Institute retreat on Misophonia. What is misophonia compared to other clinical phenomena? How can it be measured? What are the causes? What are the underlying neurobehavioral processes that can be targeted as objective endpoints for treatment? Accordingly, initial research projects include the development and validation of a new measure of misophonia, pilot work exploring the acoustic properties of misophonic trigger sounds, and studies examining misophonia as a phenotype compared to other conditions. In addition to initiating research, a goal in Year 1 is the establishment of a robust team, infrastructure, and multi-disciplinary international collaborations. We are grateful for this opportunity and excited to help lead research, education, and clinical service innovation for misophonia.

Department of Psychiatry & Behavioral Sciences
Duke University School of Medicine

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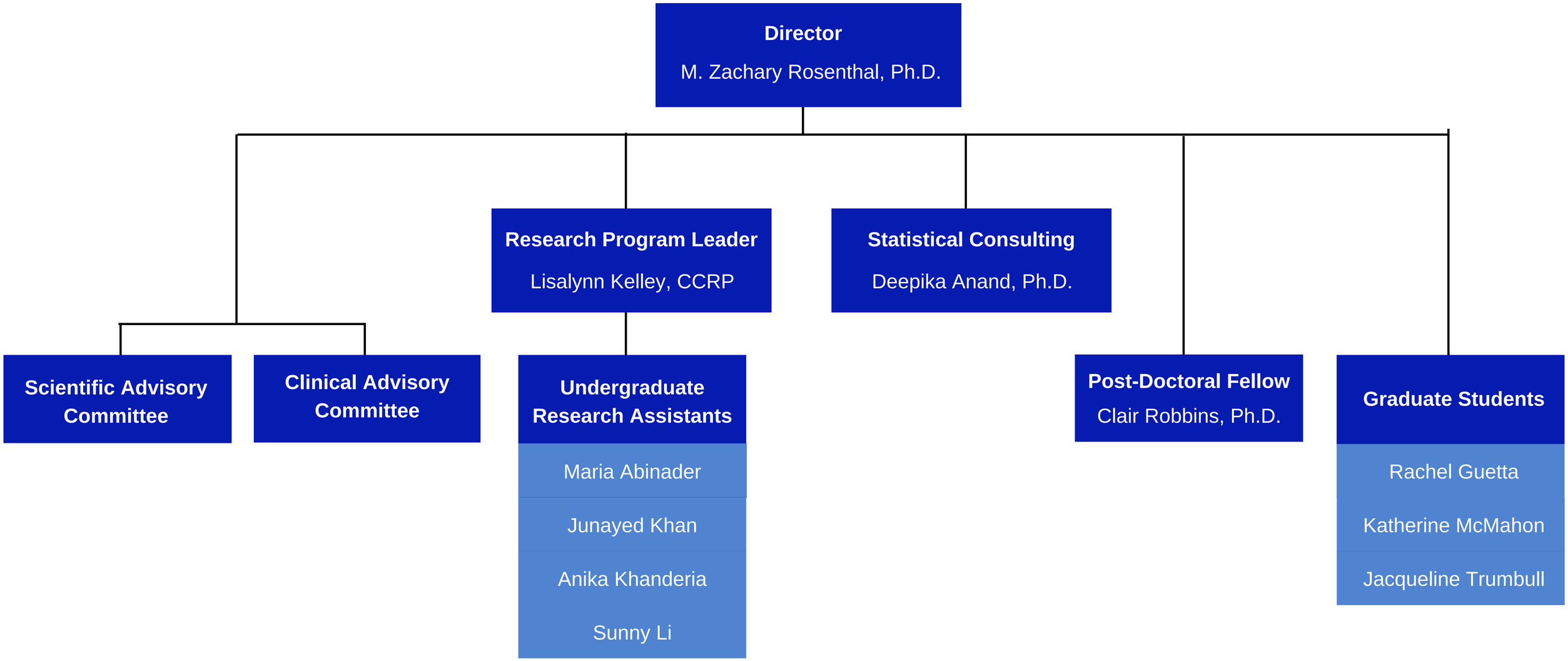

Collaborators Outside Duke

Jennifer Brout, Psy.D., L.P.C. (International Misophonia Research Network-IMRN & JJB Counseling and Consultation, LLC)
Mercede Erfanian (University College London and IMRN)
Sukbinder Kumar, Ph.D. (Newcastle University)
Scott Vrana, Ph.D. (Virginia Commonwealth University)

Duke Collaborators

Patrick Smith, Ph.D. (Neuropsychology)
Sherri Smith, Ph.D., Au.D. (Audiology)
Kristal Riska, Ph.D., Au.D., CCC-A (Audiology)
Dan King, Au.D., CCC-A (Audiology)
Ed Levin, Ph.D. (Animal Models)
Andrada Neacsiu, Ph.D. (Brain Stimulation & Emotion Regulation)
Tobias Overath, Ph.D. (Auditory Neuroscience)
Doug Williamson, Ph.D. (Genetics)