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April 2, 2024

Dear Mr. Keane and family,

The generosity and trust you have placed in RUSH and the Epilepsy team is humbling. We are dedicated to providing the very best clinical care but that is only part of the story. What sets us apart is our unwavering commitment to research and innovation. Over the past 13 years, the support of the Mary Keane Research Fund has enabled the discovery of novel approaches for treating uncontrolled epilepsy.

Epilepsy care is grounded in neuroscience, and studies in RUSH labs are having direct results on patient care. The Mary Keane Research Fund, donor support and grants have helped to develop markers for localizing epilepsy in the Rush Epilepsy Center Multimodality Neuroimaging and Neuroengineering Laboratory. By investing in research, you are bringing new advances from the laboratory directly to the bedside to improve patient care and the lives of patients with disabling seizures.

With the support of future funds, we have two immediate goals:

- 1) Retain our computer engineer, data scientist and laboratory assistant to expand our development of radiomic markers for patients with epilepsy.
- 2) Purchase a new digitizer and motion tracker to improve the electrode registration process (provides a more thorough EEG).

This visionary work would not be possible without the generous support of individuals, like you, who share our vision for a healthier future. We are extremely grateful.

With gratitude,

Travis Stoub, Ph.D.

Associate Professor of Neurological Sciences

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