

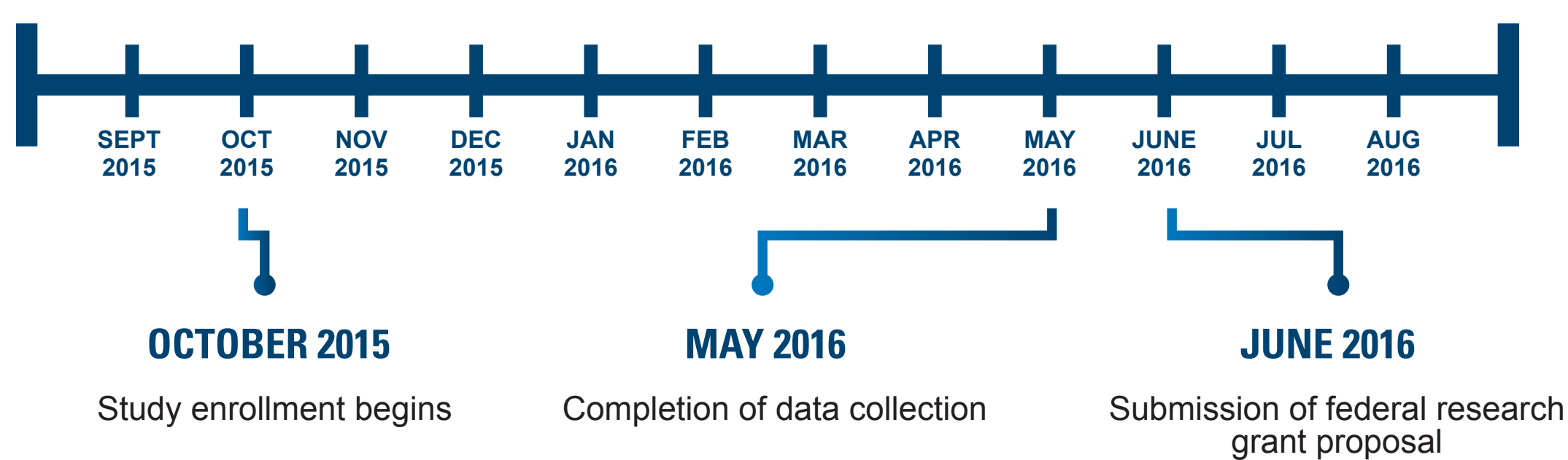


RESEARCH PROGRAM OF THE STROKE REHABILITATION CENTER OF SOUTHEAST WISCONSIN

Catalyzing The Research Program Of The Stroke Rehabilitation Center.

This project will develop a core research program for the Stroke Rehabilitation Center of Southeast Wisconsin, a multi-department, multi-institutional center aimed at developing stroke rehabilitation research, enhancing stroke education, improving clinical services and engaging the community. The proposed project targets the theme: Neuroimaging for Stroke Rehabilitation. New imaging tools for measuring function of the brain will be developed and applied in people with acute stroke to predict clinical outcomes and guide therapy.

MILESTONES



ABOUT OUR TEAM

Brian D. Schmit, PhD, Department of Biomedical Engineering, Marquette University, Center Co-Director
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The current partners in the SRC include the Departments of Physical Therapy and Biomedical Engineering at Marquette University and Physical Medicine and Rehabilitation at the Medical College of Wisconsin. This one-year catalyst project will establish key collaborations across these departments and institutions through innovative, high impact research studies.

BEYOND BOUNDARIES Research in Action

This proposal strongly supports the strategic plan for research because it builds on strengths of Marquette and helps to establish collaborative research programs across departments and with the Medical College of Wisconsin. The proposed activities engage active research faculty at Marquette University in both Biomedical Engineering and Physical Therapy. These departments are poised to take leadership in this research area and the program builds important collaborations with clinical faculty at the Medical College of Wisconsin. This combination of expertise in technology, therapy and clinical medicine is essential to developing new therapeutic strategies to aid stroke survivors in our community.

Pursuit of Academic Excellence for Human Well-Being:

The Stroke Rehabilitation Center will draw high quality students and faculty interested in conducting research that impacts human lives. As part of this project, Marquette students will have the opportunity to be trained by Medical College of Wisconsin clinical and research faculty. The research and scholarly activity produced through the Stroke Rehabilitation Center will ultimately improve the academic reputation of the university while simultaneously impacting the quality of life of stroke survivors in our community.