Kristin Swanson, Ph.D.

Professor & Vice Chair of Research, Neurological Surgery in Arizona, Mayo Clinic Professor, Mathematics, Arizona State University

SEMINAR
Monday, May 10, 2021
9:00 am - 10:00 am

Join Via Zoom:

https://usc.zoom.us/j/98959724480?pwd=ajBaZWlzNXVCTmg3dVVlaDJOMVdwQT09

"Every Patient Deserves Their Own Equation"

Bio: Dr. Kristin Swanson is an internationally recognized mathematical neuro oncologist with a wealth of expertise in clinical trial design and mathematical modeling to optimize the treatment of patients with brain cancer. In 2015, she joined Mayo Clinic in Arizona as professor and vice chair of the department of Neurological Surgery in addition to her appointment at ASU. She is co-director of the Precision Neurotherapeutics Innovation Program and director of the Mathematical Neuro-Oncology Lab at Mayo Clinic. Her lab has spent the last 15+ years pioneering a way to generate patient-specific predictive mathematical models that are effective at accurately predicting tumor growth and response to therapy in individual patients. Her lab works with the clinical and research teams at Mayo Clinic to bring these innovations to the clinic while also identifying new predictive models to enhance the life of patients with brain cancer. She received a Post Doctoral Fellowship - Mathematical and Computational Medicine from the University of California, San Francisco, a Ph.D. in Mathematical Biology, and a M.S. in Mathematical Biology, both degrees from the University of Washington.