

SAMUEL DAY

NIH-Cambridge Scholar 2005

Degree: University of Arizona: B.S., Molecular Biology, 2004

Research Interest: Imaging & Neuroimaging, Cancer & Oncological Sciences,
Molecular & Cellular Biology



Samuel Day graduated from University of Arizona with a B.S. degree in Molecular Biology and Cell Biology in 2004 where he was on the Dean's List every year as an undergraduate. He carried out research in the prestigious Undergraduate Biology Research program (UBRP) sponsored by the Howard Hughes Medical Institutes Foundation. In this program, he carried out independent work on choline metabolism as a response to chemotherapeutic agents against breast cancer using high-resolution NMR spectroscopy technology with Dr. Robert Gillies. He won an award for outstanding contributions to this work. He then extended this work internationally at the University of Cambridge in the United Kingdom for six months by winning a grant from the Biomedical Research Abroad-Vistas Open (BRAVO) program. During the stay in Cambridge, Samuel worked with Dr. Kevin Brindle on the development of an MRI-applicable gene reporter for the imaging of gene expression in vivo. For his research, Sam won the "Outstanding Senior Award" from the Department of Molecular and Cellular Biology. Outside of the lab, Sam enjoys rock climbing, hiking and both mountain and road biking. Regarding his biomedical research career, Sam says "Rather than thinking science provides answers, I see scientific inquiry as a journey without an end, but one which provides tools for tangible improvements in human lives."