

TAHIR AHMED

NIH-Cambridge and Marshall Scholar 2006

Degrees: New York University, B.S., Neuroscience, 2006

Research Interests: Clinical Neuroscience and Neurology



A recent graduate of New York University, Tahir Ahmed was awarded a Marshall Scholarship to research clinical neuroscience and neurology at Cambridge University. Tahir was an NYU Presidential Scholar in the College of Arts and Sciences, a Samuel B. Morse Scholar (awarded for excellence in research), took first place for Biochemistry in the 2002 International Science and Engineering Fair, and has co-authored two research articles in *Thrombosis and Haemostasis*. While maintaining an outstanding academic record, Tahir served as Senior Class President on the NYU Student Council, served as a member of the NYU Undergraduate Science Initiatives Executive Board and the NYU Dean's Advisory Board. For winning the MIT Lincoln Laboratory Ceres Connection's Planet Award, minor planet #16113 has been named "Ahmed" in his honor. In addition to medical research, Tahir has carried out astronomy at the Hawaii telescope at Mauna Kea measuring and analyzing the new infrared continuum to characterize interstellar structures in the sky. He also carried out research in Ecuador on the diminishing sea turtle populations in coastal waters. Most recently, Tahir has been studying the mechanisms of synaptogenesis and synaptic plasticity, focusing on the effect of Alzheimer models on the function of synaptogenic proteins and synapse density in the brain. In the future, Tahir plans to focus on cerebrovascular diseases, specifically with regard to stroke and brain ischemia, with the goal of enhancing the methods through which these disorders of the brain are treated.