

TOMASZ J. MACURA

Cambridge Scholar 2003

Degree: University of Maryland Baltimore County

B.S., Mathematics and Computer Science, 2003

Research Area: Biomedical Image Informatics



At 16, Thomas Macura is one of the youngest graduates of the University of Maryland Baltimore County and earned two B.S. degrees in Mathematics and Computer Science with high honors and the youngest Ph.D. candidate at Cambridge in over 80 years. Tomasz received the Barry M. Goldwater Research Scholar award, the Provost Undergraduate Research Award, and multiple scholarships academic awards. For many of these honors he was the youngest recipient in the history of the award. He was also a member of various honors societies, including the Upsilon Pi Epsilon Computer Science Honor Society, the Phi Kappa Phi National Honor Society, and the Golden Key National Honors Society. He also has carried out research at the National Cancer Institute and the Breast Cancer Undergraduate Research Experience Program at UMBC developing computer models and databases for cancer research. Outside of his academic work, he has created a foundation with his academically gifted brother Wiktor, The *Macura Brothers Foundation* to help gifted children from Poland (their homeland) and other Eastern-European countries and has donated over \$5,000 of educational materials to the Hungarian Student Research Society and the Polish Library in Washington. As a member of Trinity College, Tomasz is working with Drs. Ilya Goldberg, Ken Moody, and Adrian Dixon to develop computer algorithms for quantitative analysis of medical images. Tomasz enjoys sports representing Trinity in both rowing and water polo. He is also an avid unicyclist. says, "I am comfortable with both people and numbers and my goal is to become a researcher and educator in the development of computer-aided medical diagnosis."