

VITA

Timothy Allen Bigelow was born in Colorado Springs, Colorado, on December 14, 1976. He graduated from Rocky Mountain High School in Fort Collins, Colorado, in April 1995. After high school, he enrolled in the Electrical Engineering Department at Colorado State University (CSU) in Fort Collins. While at CSU, he received several scholarships, including the Distinguished Scholars Award, that helped to fund his education. He graduated *summa cum laude* from Colorado State University in December 1998 with a B.S. in Electrical Engineering and a minor in Mathematics. From January 1999 to May 1999, he studied religion at Faith Baptist Theological Seminary. In August 1999, he began his graduate studies in Electrical and Computer Engineering at the University of Illinois at Urbana Champaign. The first three years of his graduate studies were funded by the National Defense Science and Engineering Graduate Fellowship. Initially, he studied Computer Vision under Dr. Narendra Ahuja in the computer vision and Robotics Laboratory. Then, in January 2001, he moved to the Bioacoustics Research Laboratory and worked under Dr. William D. O'Brien, Jr., where he completed his M.S. thesis entitled "Experimental Evaluation on Nonlinear Indices for Ultrasound Transducer Characterizations." Mr. Bigelow remained in the Bioacoustics Research Laboratory until he completed his Ph.D. thesis in April 2004. While pursuing his Ph.D. research, Mr. Bigelow was also awarded a Beckman Institute Graduate Fellowship from September 2002 through August 2003.