Dr. Edward M. Corwin

#include <Toni's bio>

Education:

    B.A. Mathematics   – Lehigh University

    M.S. Mathematics   – Lehigh University

    Ph.D. Mathematics   – Lehigh University

    M.S. Computer Science – Texas Tech University

    Ph.D. Computer Science – Texas Tech University

Career: (modified from Toni's)

  I am currently a Professor in Mathematics and Computer Science at the South Dakota School of Mines and Technology (SDSM&T) in Rapid City, SD. I have spent most of my career at SDSM&T. I served as Chair of the department for three years and have been Chair of the Faculty for a total of five years. In the 1980's, summers and on year on leave from SDSM&T, I worked for ETA Systems which built the fastest computer in the world in 1986. (In the movie "Die Hard", Bruce Willis runs past a mock up of an ETA-10 which the director built to show how high tech the company was that owned the building.) Also on leave from SDSM&T, I taught for the University of Maryland in Europe for a year. My research and publication record has focused on pattern recognition. Toni and I worked with atmospheric scientists on campus developing neural networks to process satellite imagery for NASA and later with the Friction-Stir processing group developing algorithms for non-destructive evaluation of weld quality by applying pattern recognition techniques to feedback signals. I received the SDSM&T Outstanding Professor Award in 2002. More recently, Toni and I were given ICPC Coach Awards in St. Petersburg, Russia in 2013 for bringing five teams to World Finals. This award is perhaps the most important one to me since Toni and I have been coaching the programming team for over twenty years. We are especially proud since most other schools have either student enrollments that are ten times ours, or

tuitions that are four times ours, or both. Texas Tech gets a lot of the credit for our success as coaches. I learned a lot about coaching from the Drs. Weiner and Bagert, and our students have been the beneficiaries of those experiences.

Personal: (close to Toni's)

Of all the good fortune I have enjoy, and I have had more than my share, the greatest gift in my life was finding and marrying Toni Logar – my research partner, my soul-mate, my wife of 36 years. Although we don't have any children of our own, we have loved, nurtured, and continue to keep in touch with many of our students. We are avid travelers, having been to more than 50 countries already with more on the way (as you might guess, we have some stories to tell…). Some of our most memorable trips have been with our students. The train across India, midnight at the Eiffel tower, the beer halls of Prague… the memories of those trips with our students are among our most treasured moments. I have been singing with the SDSM&T University Choir and Alumni Choir for many years. This group has done several European tours and plans to do another next year.

Texas Tech, the faculty of the Computer Science Department at TTU, and specifically Dr. William J. B. Oldham, my Ph.D. advisor, are largely responsible for the career I have enjoyed. I am endlessly grateful for all they have given me.