



Research and Development at the Center for Advanced Public Safety

Dr. Allen Parrish, *University of Alabama*

Date and Time: October 11 (Friday), 2013 - 11:00am-12:00pm

Location: 3437 SEC

Abstract:

This presentation will provide an overview of research and development activities at the Center for Advanced Public Safety at The University of Alabama. The Center for Advanced Public Safety (CAPS) is a funded research center at UA with the mission of developing software primarily in support of public safety, traffic safety and homeland security. CAPS develops and supports major production software (such as electronic traffic citations and crash reporting) within the information technology infrastructure for three states, but also is involved in R&D activity in areas such as mobile applications, virtual reality, data analytics and social network analysis. In this presentation, we discuss how the center is structured as well as opportunities for research and internships within the center, and then present demonstrations of several software products that have been developed by the center.

Biography:

Allen Parrish is a Professor of Computer Science and Director of the Center for Advanced Public Safety (CAPS) at The University of Alabama. CAPS has developed a research and software systems portfolio in public safety, traffic safety, homeland security as well as health and human services. This portfolio includes electronic traffic citation and crash reporting systems, information sharing systems, and data analysis systems, and they have developed a track record of recognized innovation in a number of areas. Sponsors for CAPS have included the US Departments of Transportation, Justice and Homeland Security, and they have partnered with approximately 15 Alabama state agencies, as well as states from all over the U.S., including recent collaborations with Wyoming, Nevada, New Mexico, Arkansas, Mississippi and Georgia. Dr. Parrish received his Ph.D. from The Ohio State University.