



The Math Colloquium
Department of Mathematics
San José State University



Katherine Nolan
ATAC Corporation

Math Careers: Aviation Analysis

OCTOBER 20, 2010, MH320

Abstract: The speaker will discuss her career as an aviation analyst and the Performance Data Analysis and Reporting System (PDARS). PDARS is a dynamic suite of tools designed by ATAC Corporation and used by the Federal Aviation Administration (FAA) to track, report, analyze, and archive the day-to-day operations of the National Airspace System (NAS). Since 1999, PDARS has collected raw radar data from commercial, military, and general aviation aircraft and produced visual and readable data used for the FAA's performance analysis, design, and review. Some examples of the in-depth analysis and support ATAC and PDARS has provided to the FAA and other aviation customers will be discussed, including automated holding pattern recognition and reporting, and delay analysis.

Background: No particular mathematical or aviation background knowledge is required.

About the speaker: Katherine Nolan is an Aviation Analyst with ATAC Corporation in Sunnyvale, CA. She graduated from San José State with an MS in Mathematics in June 2007.

SNACKS IN MH331B AT 2:30 PM

TALK STARTS AT 3 PM

For more information, see our full schedule at:

<http://www.math.sjsu.edu/~hsu/colloq/>