

Eric S. Bish, Ph.D., Assistant Professor Dartmouth College

Background

Eric is an Adjunct Assistant Professor of Engineering at the Thayer School of Engineering at Dartmouth College. He is a faculty member in the Master of Engineering Management (MEM) program, and an instructor in Dartmouth's Lean Six Sigma program.

Dartmouth is a member of the Ivy League and is consistently rated as one of the premier educational institutions in the world. The Thayer School of Engineering is the oldest professional engineering school in the United States.

Topics taught:

- Team building and leadership
- Statistics, SPC, DOE
- Optimization
- Technology Assessment
- Technology Project Management

Services / Knowledge Matrix:

Cross-Functional Process Management	Computational Fluid Dynamics (CFD)
Project Management	Software Development
Engineering Simulation and Analysis	Lean Six Sigma
Fluids and Thermal Engineering	

Prior to joining Dartmouth College, Eric spent more than 20 years as an engineer and manager at ANSYS Inc. working in computational fluid dynamics (CFD) and the rapidly growing engineering simulation software field.

Eric has held numerous technical and management positions, including Customer Support and Consulting Engineer, Business Manager, Product Support Manager, Project Manager, and most recently Senior Software Development Manager. In these roles, Eric's mission was to help businesses leverage the power of simulation technology to reduce product development costs and risks and improve product quality. Eric also participated in the development and launch of his company's ISO 9001 Quality Management System and was a certified TickIT internal auditor for software development.

Eric's research interests include computational fluid dynamics; turbulent flows; combustion and chemically reacting flows; simulation software; software development life cycle; fluids and thermal engineering; project management.

Education

- **Certified Lean Six Sigma Master Black Belt, Thayer School of Engineering at Dartmouth College**
- **Bachelor of Science, *summa cum laude*, Aeronautical Engineering, The Ohio State University**
- **Master of Science in Engineering, Aerospace Engineering, University of Michigan**
- **Doctor of Philosophy in Aerospace Engineering, University of Michigan**

Authorship

- Thirty (30) peer reviewed technical papers and conference presentations.

Instructorship

- Adjunct Assistant Professor at Thayer School of Engineering at Dartmouth and Lean Six Sigma program instructor (yellow, green, and black belt) on-campus, online, and at client sites.

Contact Information

BlueSkye Track, Inc.

Larry Parah

lparah@blueskyetrack.com

O: 802-489-5540

M: 802-324-6709