

# Scott E. Rimbey

---

## Education

1978-1984	Univ. of California, Los Angeles (UCLA)	Ph.D., Applied Math
1975-1978	Florida State Univ.	M.S., Applied Math
1972-1975	Univ. of South Florida	B.A., Math & Physics (Magna Cum Laude)

## Employment History

- ✚ **Instructor**, Univ. of South Florida, Aug. 2009 – present.
- ✚ **Instructor and Associate Chair**, Univ. of South Florida, Aug. 2002 – Aug. 2009.
- ✚ **Instructor**, Univ. of South Florida, Aug. 2000 – Aug. 2002.
- ✚ **Assessment Specialist** Educational Testing Service, Princeton, NJ, 1997 - 2000.
- ✚ **Visiting Assistant Professor**, Univ. of Delaware, 1995 – 1997.
- ✚ **Member of Technical Staff**, Rocketdyne Division, Rockwell Corp., 1987 – 1995.
- ✚ **Assistant Professor**, Univ. of Virginia, 1984 – 1987.

## Publications

- ✚ “Sonic and Subsonic Axisymmetric Nozzle Flows” L. P. Cook, E. Newman, S. Rimbey, G. Schleiniger. *SIAM Journal of Applied Mathematics*, vol. 59 (5), pp. 1812-1824.
- ✚ “Computation of an Axisymmetric Nozzle Flow” L. P. Cook, E. Newman, S. Rimbey, G. Schleiniger. *Frontiers of Computational Fluid Dynamics 1998*, edited by D. A. Caughey and M. M. Hafez, World Scientific.
- ✚ “Two-Dimensional Transonic Jet Flow: Small Disturbance Theory” S. E. Rimbey. *Mathematics is for Solving Problems: In Honor of Julian Cole on his 70<sup>th</sup> Birthday*, edited by L. Pamela Cook, Victor Roytburd, and Marshall Tulin (1996).

## Teaching

### Curriculum Development

- ✚ Created two new upper-level undergraduate courses: a second semester course in Numerical Analysis and a one-semester course in Optimization.
- ✚ Acted as course coordinator for each of the following lower-level courses: Math for Liberal Arts, Finite Math, College Algebra, Precalculus. Responsibilities included disseminating course information and writing the common final exam.

## **Courses taught**

- ✚ Lower-Level: Math for Liberal Arts, Finite Math, College Algebra, Precalculus, Business Calculus, Life Science Calculus I, Calculus I, Calculus II
- ✚ Upper-Level: Numerical Analysis I, Numerical Analysis II, Optimization

# **Service**

## **University of South Florida Department, College, and University Service**

- Member of Departmental Math Undergraduate Committee, 2001-2007. (Chair from 2002-2007)
- Member of Departmental Computer Committee, 2007-2008. Revised departmental website.
- Member of College Undergraduate Committee, 2006-2009. (Chair from 2007-2008.)
- Chair of Undergraduate Committee for School of Natural Sciences and Mathematics, 2008-2009.
- Member of ad hoc College Committee for Student Grievances.
- Undergraduate Advisor for Math and Statistics majors, 2001-2009.

## **Professional Memberships**

I am a member of the Society for Industrial and Applied Math (SIAM), the American Mathematical Society (AMS), and the Mathematical Association of America (MAA).