

# James P. Burnes

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## EDUCATION

- Ph.D. in Decision Sciences and Engineering Systems, Rensselaer Polytechnic Institute, August 2008. Dissertation on *Towards a Unique Biometric Criterion for an Integrated Face and Fingerprint Identification*.
- M.S. in Industrial and Management Engineering, Rensselaer Polytechnic Institute, May 2003.
- M.B.A., Union College, June 1999.
- B.S. in Mechanical Engineering, Rensselaer Polytechnic Institute, December 1983.
- A.A.S. in Engineering Science, Hudson Valley Community College, May 1981.

## TEACHING

### Union Graduate College

*Adjunct Professor*

- Statistical Models for Management

### College of Saint Rose, Albany, NY

*Adjunct Lecturer*

- Operations Management

### Rensselaer Polytechnic Institute, Troy, NY

*Executive MBA Program Tutor*

- Statistics and Operations Research

*Instructor*

- Modeling and Analysis with Uncertainty

*Teaching Assistant*

- Executive MBA Statistics
- Modeling and Analysis with Uncertainty
- Introduction to Engineering Analysis
- Engineering Economics and Project Management
- Simulation Modeling and Analysis
- Management of Quality Processes and Reliability

### General Electric Power Systems, Schenectady, NY

*Quality Instructor*

## **BUSINESS EXPERIENCE**

**Newkirk Products, Albany, NY**

*Technical Specialist*

**American Runner Magazine, Troy, NY**

*Circulation Manager, Calendar Editor*

**Troy Record Newspaper, Troy, NY**

*Columnist*

**Adirondack Association USA Track and Field, Troy, NY**

*Office Manager*

## **PUBLICATIONS**

- James P. Burnes, James M. Tien, and Woojin Chang, *An Intrinsic Assessment and Comparison of Biometric Systems Through Wavelet Analysis*, 2003 International Conference on Systems, Man, and Cybernetics, Vol. 5, pp. 4514-4521, October 2003.
- James P. Burnes and James M. Tien, *On the Perception of Time: Experiential Impact*, IEEE Transaction on Systems, Man, and Cybernetics – Part A: Systems and Humans, Vol.32, No. 6, pp. 768-773, November 2002.
- James P. Burnes and James M. Tien, *On The Perceived Speed of Time Over Time*, 2000 IEEE International Conference on Systems, Man, and Cybernetics Vol. 1, pp. 583-587, 2000.

## **PRESENTATIONS**

- Albany Chapter ASA What's Hot What's Not Meeting, *On the Perception of Time: Experiential Impact*, Troy, NY, March 24, 2001.
- DSES Seminar, *On the Perception of Time: Experiential Impact*, Troy, NY, February 6, 2001.
- IEEE SMC, *On the Perceived Speed of Time over Time*, Nashville, TN, October 9, 2000.

## **ACADEMIC HONORS**

- Karger Outstanding Masters Thesis Award, 2005
- Founders Award of Excellence, Rensselaer Polytechnic Institute, 2001
- DSES Outstanding Teaching Assistant Award, 2001
- Master Teaching Fellow, Rensselaer Polytechnic Institute, 2000 and 2001