

## Moises Sudit, Ph.D.

**Academic Rank:** Visiting Associate Professor

### Degrees:

- Ph.D., Industrial Engineering, Purdue University (1988)
- MS, Operations Research, Stanford University (1983)
- BS, Industrial Engineering, Georgia Institute of Technology (1982)

### Service:

Years of Service: 2 years

### Related Experience:

- 2001- present Director of Business Development for Multidisciplinary Programs  
Kate Gleason College of Engineering  
Rochester Institute of Technology
- 1998-2001 Vice President, Veridian Engineering Inc.  
Buffalo, New York
- 1996– 2003 Adjunct Associate Professor, Department of Industrial engineering,  
State University of New York at Buffalo
- 1991-1998 President and CEO, Datumtech Corporation  
Buffalo, New York
- 1991– 1996 Adjunct Assistant Professor, Department of Industrial Engineering,  
State University of New York at Buffalo
- 1989-1991 Executive Vice President, Datumtech Corporation  
Buffalo, New York
- 1988 – 1991 Assistant Professor, Department of Industrial Engineering,  
State University of New York at Buffalo

### Consulting, Patents:

Researcher at Center for Multisource Information Fusion at University at Buffalo, Summer 2003  
Consultant for Executive Graduate Program at Rochester Institute of Technology, Summer 2003.

### Professional Registration:

### Publications:

1. “Data mining in an engineering design environment: OR applications from graph matching,”  
submitted to Computers in Operations Research (December 2003) (Co-authors: Carol J  
Romanowski and Rakesh Nagi)
2. “Procedures for Solving Single-Pass Strip Layout Problems,” IIE Transactions 26 (1994) 27-37.  
(Co-author: S. Joshi)
3. “Paroid Search: Generic Local Combinatorial Optimization,” Discrete Applied Mathematics 43  
(1993) 155-174. (Co-author: R. Rardin)
4. “Paroids: A Canonical Format for Combinatorial Optimization” Discrete Applied Mathematics 39  
(1992) 37-56. (Co-author: R. Rardin)
5. “A Framework for Function Allocation in Inspection” Proceedings of the Third International  
Conference on Human Aspects of Advanced Manufacturing and Hybrid Automation (1992). (Co-  
author: A.K. Gramopadhye, C. G. Drury and J. Sharit)

### Professional Societies:

- ◆ Member of Operations Research Society of America
- ◆ Member of The Institute Management Science
- ◆ Member of the Institute of Industrial Engineering
- ◆ Member of Omega Rho, International Honorary Society for Operations Research

**Honors and Awards:**

- ◆ Recipient of the ITS New York Project of the Year 2000 Award for the Mobile Data System of Central Police Services in Western New York, July 2000 .
- ◆ Recipient of the National Association of Counties 1995 County Achievement Award for The Automatic Vehicle Location System at Erie County, October 1995.
- ◆ Alpha Pi Mu Teacher of the Year Award in the Department of Industrial Engineering at the State University of New York at Buffalo, 1990.
- ◆ David Ross Fellowship, Purdue Research Foundation, 1985-1987.
- ◆ Estus H.and Vashti L. Magoon Award for excellence as an Instructor, Purdue University, 1987.

**Institute and Professional Service (last 5 years):**

Director of Business Development for Multidisciplinary Programs

Professional Development Activities (last 5 years):

- ◆ “ITR-NHS-(dmc): Communication Infrastructure Recovery and Transportation Logistics for Emergency Management,” NSF, \$1,500,000 February 2004 (submitted, co-pi)
  - ◆ “SENSORS: Optimizing Coverage and Life Expectancy of Wireless Ad hoc Sensor Networks using Deterministic and Stochastic Models,” NSF, \$375,000 February 2004 (submitted, co-pi)
  - ◆ “An intelligent robotic system platform for autonomous mapping and sensor data gathering of non-GPS friendly environments,” NSF, \$325,000 December 2003 (submitted, co-pi)
  - ◆ “Application of Neural Networks in Flight and System Control Technology,” Department of the Army, \$3,300,000 December 2003 (submitted, co-pi)
  - ◆ “Event Correlation for Cyber Attack Recognition System (ECCARS),” AFRL/ARDA, \$375,000 awarded January 2004 (co-pi)
- “Undergraduate/Master Research Program,” Director of Central Intelligence, \$100,000 November 2003. (submitted, co-pi)