William R. Parzynski
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EDUCATION

Ph.D.	Mathematics	Stevens Institute of Technology Hoboken, NJ	January 1969
M.S.	Mathematics	Stevens Institute of Technology Hoboken, NJ	June 1965
B.S.	Unified Science	Stevens Institute of Technology Hoboken, NJ	June 1963

PROFESSIONAL EXPERIENCE

Professor — September 1983 – Present
Associate Professor — September 1972 – 1983
Assistant Professor — September 1968 – 1972
Montclair State University
Department of Mathematical Sciences

HONORS AND AWARDS

Outstanding Service Award from the College of Science and Mathematics, 2005
New Technology Award from NASA, 1983

TEACHING EXPERIENCE

Courses Taught Since 1999

Course	Number	Terms
Math for Business I: Linear Algebra	MATH113	S99, F99, S00, F01
Math for Business II: Calculus	MATH114	S99, S03, S04, F04, S05, SS05, F05, S06
Calculus A	MATH116	F99, F00, F02, S03, SS04
Calculus I	MATH122	S00, F04, S06
Calculus II	MATH221	SS04, SS05
Linear Algebra	MATH335	F04
Differential Equations	MATH420	S99

Advanced Calculus I	MATH425	F99, F02, F05
Advanced Calculus II	MATH426	S00, S03
Operations Research I	MATH464	F00, F04
Operations Research II	MATH465	S01, S05, S06
Linear Algebra	MATH535	F01

STUDENT RESEARCH

UNDERGRADUATE INDEPENDENT STUDIES

Musial, Ewa, B.S.	Spectral Theory	Fall 2004
Musial, Ewa, B.S.	Functions of a Complex Variable	Spring 2005

PUBLICATIONS and PRESENTATIONS

REFEREED PUBLICATIONS

Levy, R. and Parzynski, W., Optimality Criteria Solution Strategies in Multiple Constraint Design Optimization, AIAA Journal, Vol. 20, No. 5, May 1982. (Awarded NASA recognition for new technology (1983)

Parzynski, W., The Geometry of Microwave Antennas, The Mathematics Teacher, Vol. 77, No. 4, April, 1984.

BOOKS AND CHAPTERS

Parzynski, W. and Zipse, P. Introduction to Mathematical Analysis, International Series in Pure and Applied Mathematics, McGraw-Hill Company, 1982.

PROFESSIONAL PRESENTATIONS

A Two-Track Concentration in Applied Mathematics, Summer Meeting of the Mathematical Association of America, August, 1982

Workshops at High Schools (1980's)

Mathematics Days at MSU (many presentations 1980-2000)

SMUG workshop at MSU on the software Midshipmen Differential Equations Program

PROFESSIONAL ACTIVITIES

UNIVERSITY-BASED

Associate Chairman of the department for six years.

Graduate Coordinator of the department for nine years

Served as Treasurer, Vice President, and President of the Montclair State Chapter of Sigma Xi. Under my supervision a student, Mr. John Baldan did a research project and presented it at the Sigma Xi Student Research Conference April, 1992. Another student, Ewa Musial did a research project in Spectral Theory and presented it at the Sigma Xi Student Research Conference April, 2005.

Committee service: Honors, Graduate, Pure and Applied Mathematics, Personnel Advisory Committee, Assessment, Middle Atlantic States Evaluation Self Study.

DISCIPLINE-BASED

1983 – 2003   Consultant in mathematics and computer science to a Premium Finance company in New York City

1980 – 1981   (Summers) Consultant at the Jet Propulsion Laboratory in Pasadena, California.

PROFESSIONAL MEMBERSHIPS

1965 –   Mathematical Association of America
1969 –   2000 Sigma Xi