

*The Department of Mathematical Sciences of Villanova University
presents a colloquium by*

Dr. Joseph McGowan

Exponent, Inc. and
Visiting Research Associate Professor, Drexel University,
School of Biomedical Engineering

Fundamentals of Magnetic Resonance Imaging

Friday, March 14th, 2008
Mendel Hall, room 102
2:30 pm - 3:30 pm.
(refreshments follow)

About the speaker: Dr. Joseph C. McGowan graduated with a Bachelor of Science degree (Mathematics) from the United States Naval Academy and served in the United States Navy as a submarine officer. He received his PhD from the University of Pennsylvania and served as a member of the faculty of Radiology, University of Pennsylvania School of Medicine, where he conducted research in magnetic resonance imaging. He then was appointed to the faculty of Electrical Engineering at the United States Naval Academy and promoted to the rank of Associate Professor. He has published over 100 journal articles, book chapters, and abstracts, most related to the quantitative application and analysis of magnetic resonance imaging. Currently he is a manager and consultant with Exponent, Inc. and a Visiting Research Associate Professor in Drexel University's School of Biomedical Engineering. Since 2000 he has served as a member of the Editorial Board of the American Journal of Neuroradiology. He is a Senior Member of the IEEE, a member of Tau Beta Pi, and a licensed Professional Engineer in Pennsylvania and Alabama. *He is also delighted to serve currently as a cantor in the Villanova Chapel music ministry.*