



Dr. Nicholas J. Pagano

See:

<http://www.ccm.udel.edu/Intro/2005medalofexc.html>

http://www.goodreads.com/author/show/1541004.Nicholas_J_Pagano

<http://www.worldcat.org/identities/lccn-n88-232113>

<http://www.journalogy.net/Author/12766024/nicholas-j-pagano>

Nicholas J. Pagano has served as a pioneer in the field of composite materials for more than 30 years, primarily as Senior Scientist with the Air Force Research Laboratory. His works have been featured as the subject of the hardcover titled, "Mechanics of Composite Materials: Selected Works of Nicholas J. Pagano."

Dr. Pagano was the first to recognize the importance of interlaminar phenomena in high-performance composite materials, and his discovery of the "stacking sequence phenomenon" led to new practices to reduce the potential for delamination. He formulated models to describe this phenomenon with both closed-form and numerical approaches. In a second area of contribution, he developed analytical models for bending of laminated plates that have served as the reference for all following work in the mechanics of laminated plates. His third major

contribution has been in the treatment of brittle-matrix composite materials with complex microstructure such as carbon-carbon and ceramic-matrix composites.

--Written for the American Society of Composites 2005 Medal of Excellence Awards

During the ASC Awards Banquet held on September 8, 2005, the 2005 Medals of Excellence were officially awarded to Dr. John C. Halpin, Dr. Nicholas J. Pagano, and Professor James M. Whitney.