

TUR Planner Continuing Education Conference
April 13, 2004
Marlborough, MA

SESSION C: "Innovative TUR Techniques"
SPEAKER'S BIOS and PRESENTATIONS

[Environmental Technology Verification] and [Center for Environmental Industry & Technology], Margaret Theroux, U.S. EPA, Region 1 Center for Environmental Industry & Technology

Maggie has been Director of EPA Region 1's Center for Environmental Industry and Technology since April 1999. Before joining EPA, she earned an MPA at Harvard University's Kennedy School of Government with a focus on environmental policy. Prior to the Kennedy School she worked in the computer industry. Her experiences have included starting a chain of retail computer stores in the UK, computer consulting, and marketing with IBM. She attended the Kennedy School in order to combine her business and entrepreneurial expertise with her environmental interests. Maggie has an MBA from UMass and a BA in Economics from Connecticut College.

[Fiberglass Resin Project], James R. Noonan, Indiana Clean Manufacturing Technology & Safe Materials Inst., Purdue University

James R. Noonan is the assistant director of the Indiana Clean Manufacturing Technology and Safe Materials Institute (CMTI), located at Purdue University. Mr. Noonan directs the activities of the Coating Applications Research Laboratory (CARL). Mr. Noonan earned a bachelor of science, majoring in biochemistry, from Florida Atlantic University in Boca Raton, Florida, a masters in environmental engineering from Purdue University in West Lafayette, Indiana; and a masters in business administration from Northeastern University in Boston, Massachusetts. He has more than twenty years of technical product development and engineering experience. He holds a patent in crosslinking technology of polyethylene plastics, used in the anticorrosion coatings industry, and has written several articles about anticorrosion coatings. He is a member of the American Water Works Association, serving on the industry committee for the coatings and linings of water pipelines, the Composite Fabricators Association, serving on its technical advisory committee; and the Great Lakes Pollution Prevention Roundtable, formerly serving as a steering committee member.

Spray Technique Application and Research (STAR) Program, Jeremy A. Guay
Bay Path Regional Vocational Technical High School

I have been teaching in the Auto Collision Repair Department at Bay Path Regional Vocational Technical High School for nine years. The last six years I have been the

department head and having that position has allowed me to work with local industries to modernize the program. The addition of new tools, techniques and technology has enhanced the education of the students greatly. Also, I am an A.S.E. Master Certified Auto Collision Repair Technician, a N.A.T.E.F (National Automotive Technician Education Foundation) Evaluation Team Leader, Licensed Auto Damage Appraiser, and a certified S.T.A.R. Instructor. The item that has had the greatest impact was Bay Path being selected as the first training site in Massachusetts for the S.T.A.R. (Spray Technique Analysis and Research) Center. This program allows any spray technician to be trained on proper spray gun technique, how to reduce material cost, and most importantly, reduction of V.O.C's.

[Corrosion Protection for the DoD], Brad Shaw

Corrpro Companies Inc.

Mr. Shaw is a graduate of Virginia Tech University with a BS in Mechanical Engineering, has an MBA from George Mason University and is a Registered Professional Engineer in the state of Virginia. Mr. Shaw started working for Corrpro Companies Inc. in 1997 and has been the Government Services Engineering Manager for the past two years. Mr. Shaw supports several DoD programs that involve pollution prevention and waste reduction; some examples are the advanced antifouling coatings program, high solids edge retentative tank coating program, and powder coating program. He is primarily responsible for the tracking environmental regulations, soliciting industry for new technologies, and application of experimental materials and processes in the field and in the lab.

Mr. Shaw has presented papers at SSPC regarding the Economics of steel bridge painting and the Characterization of the environment for steel bridges and a paper at the NPCA conference regarding the use of PDAs for coating QA. He is currently the Sectary for the Washington Paint Technical Group.

[Lotus Effect], and **[Lotus Paper]** Enos A. "Andy" Axtell, III, Ferro Corporation
Born and raised in the Kansas City, MO area, Dr. Axtell received a BS in Chemistry from the University of Missouri-Columbia in Dec. 1989. In Dec. 1995, he graduated with a PhD in Inorganic Chemistry with an emphasis on Solid State Chemistry. An eighteen-month Postdoctoral Fellowship followed at the University of California-Davis. In July of 1997, Dr. Axtell was hired by Cerdec Corporation and moved to his present location in Washington, PA. At the Washington site, Dr. Axtell has worked on many interesting projects, including formulation of Laser Marking materials for parts identification, lithium cobaltite for battery applications, novel anti-corrosion pigments and the formulation of black enamels for car rear windows. Most recently, Dr. Axtell has been assigned to the Lotus EffectTM project. This project is aimed at coating glass to make it self-cleaning. In his leisure time, Dr. Axtell enjoys home brewing, gardening, the cultivation of Bonsai trees and hiking.