

SPEAKER BIOS
WINTER 2002 WORK GROUP MEETING

Phillip (Jack) Annis

UW-Extension, Solid and Hazardous Waste Education Center

Jack is a Waste Reduction and Management Specialist for the University of Wisconsin-Stevens Point. He is Director of the UW-Extension, Solid and Hazardous Waste Education Center with offices and Staff located in Milwaukee, Madison and Green Bay.

The Center provides environmental education programs, information and technical assistance to business, industry and local government facilities, throughout Wisconsin.

Jack joined the UW-Extension in 1992 after completing, a 24 year career in the United States Air Force. He completed a Master of Business Administration from Wilmington College, New Castle, Delaware in 1989.

Shayla Barrett

IN Clean Manufacturing Technology and Safe Materials Institute / Purdue University

Shayla Barrett is a Process Engineer for the Indiana Clean Manufacturing Technology and Safe Materials Institute at Purdue University. He, along with other process engineers, is responsible for aiding Indiana manufacturers in achieving clean manufacturing through technical assistance. Mr. Barrett has focused primarily on the metal coating and electroplating sectors during his seven years at the Institute, and has seventeen years' experience as an Environmental Engineer at several electroplating manufacturers prior to coming to the Institute.

Mr. Barrett majored in Chemical Engineering at the Georgia Institute of Technology and holds an Indiana Waste Water Treatment Operator's License.

STEVEN D. BRACHMAN

University of Wisconsin-Extension Solid & Hazardous Waste Education Center

Mr. Brachman currently serves as the Waste Reduction and Management Specialist and Distinguished Lecturer for the University of Wisconsin-Extension Solid & Hazardous Waste Education Center. He is primarily responsible for providing technical assistance and educational programs for pollution prevention, energy conservation, and solid and hazardous waste management projects for consumers, business and local governments in Wisconsin. Key current projects include:

S Mercury in Schools – an EPA sponsored program to reduce and eliminate school mercury usage throughout the United States;

- S Wisconsin Focus on Energy Consumer Education – a State sponsored program to increase awareness of and participation in the Wisconsin Focus on Energy Residential Programs by mobilizing the resources of the UW-Extension network.
- S Milwaukee Energy Group – a university led initiative to a partner with business, industry, and community-based organizations to provide outreach, research, and educational technical assistance to improve the efficiency and functionality of residential and commercial buildings and to promote the wise usage of our energy resources.

Prior to joining the UW-Extension, Mr. Brachman was employed as the Resource Recovery Manager for the City of Milwaukee's Department of Public Works, as an Environmental Specialist for the engineering consulting firm Howard Needles Tammen and Bergendoff, and as a Community Resource Development Agent for the University of Wisconsin-Extension in Milwaukee County. Mr. Brachman is also a director on the National Pollution Prevention Roundtable board, the Citizens Utility Board, and the Friends of Hank Aaron State Trail board.

Kevin Bulatek
NTN Bearing Corporation

Tom Corbett
NY State Department of Environmental Conservation

A 20 year veteran hazardous waste inspector with NYSDEC, Tom Corbett has also specialized in Regional and State P2 projects over the past 10 years. Inspired by the the mercury folks attending GLRPPR, GLNPO, and BNTS events, Tom has worked to develop low-cost strategies to recover automotive mercury switches with aid from a GLNPO grant. With regional support in Western New York from collaborations with the Erie County DEP, the Clean Car Campaign, the Institute for Scarp Recycling Industries, and the Automobile Recyclers Association of NY, Tom has piloted programs to recover mercury from government fleets, cab fleets, publicly owned , and end-of-life vehicles. His latest efforts are aimed at streamlining the recovery process.

Victoria Cooper, M. ED., PH. D.
Environmental Technology Program
Wilbur Wright College

Dr. Cooper is a senior environmental professional who has spent more than twenty-five years consulting, teaching and writing about environmental and occupational health, safety and remediation matters. Currently she serves as the Director of the Environmental Technology Program at Wilbur Wright College, one of the City Colleges of Chicago. Dr. Cooper has trained students at all levels from high school and college students through continuing education for professionals. She is particularly knowledgeable about environmental management systems such as ISO 14000. She has also developed education for community based organizations and has helped groups implement such programs.

Tim Delawder
SWD, Inc.

Tim Delawder has 15 years experience running a metal finishing job shop and dealing with environmental issues. He has degrees in Finance and Economics from Illinois State University and was heavily involved in SWD being simultaneously certified to QS9000 and ISO14001 in March of 1998.

Susan Gilbert-Miller
Chicago Manufacturing Center

Susan Gilbert-Miller, Ph.D., is the Director Environmental Services for the Chicago Manufacturing Center, part of the NIST Manufacturing Extension Partnership network (NIST MEP). She has been employed in the environmental field for over thirteen years and has extensive experience in both private and public sector environmental and health and safety work. Dr. Miller holds a Doctorate in international comparative environmental policy from the University of Manchester, Great Britain. In her present position, Dr. Gilbert-Miller has been active in taking companies through the ISO 14001 certification process and led a national team of experts in the creation of Environmental Management System tools and training for small and medium-sized business that has been used to successfully certify companies to the ISO 14001 standard.

John Gilkeson
Minnesota Office of Environmental Assistance

John Gilkeson has worked for the state of Minnesota for 12 years and is currently a principal planner with the Office of Environmental Assistance. During that time John has worked on "problem and special wastes," including medical and infectious waste, household hazardous waste, batteries, lead, electronics, and mercury wastes. Product mercury use and management has been a focus for the past seven years. John has worked on the Minnesota universal waste rule, the federal mercury lamp rule, the federal mercury stockpile issue, and represents Minnesota on the Binational Toxics Strategy Mercury Work Group. John has also worked with several industries and sectors that use, manage, or release mercury, including oil refineries, thermostat manufacturers, relay manufacturers, automobile manufacturers, the state dental association, demolition contractors, and several mercury recyclers. John participated in the development of Minnesota's comprehensive mercury reduction initiative between 1997 and 1999, and its implementation since 1999. A long time ago, John earned a mechanical engineering degree from the University of Minnesota, where he spilled mercury several times while working with manometers that should have been replaced a very long time ago.

Ray Graffia
Arbortech Corporation

Ray Graffia, Jr. is President of Arbortech Corporation, a company he started back in 1981. Following a rather unique course to attain this position, the road began when he completed his degree, B.A. in Communications from Columbia College, while touring the United States as founding member of nationally known '60s recording artists, the New Colony Six. Immediately after this six-year career in the Arts, Graffia completely shifted gears, spending the next six years as a Junior High school teacher within the Archdiocese of Chicago's parochial schools' system. In another about-face, he served as National Sales Manager for AFL Industries, Inc., a company that focused on the treatment of oily wastewater with such products as oil/water separators and the like, from 1975 to 1981. Seizing an opportunity to become an independent rep for AFL, he appointed himself as rep for the IL, WI, IN areas and incorporated Arbortech in '81. After 11 years solely as manufacturers' representative for AFL and a host of others involved in water and wastewater treatment, Graffia saw a need in the marketplace for small, sophisticated ultrafiltration systems and branched into manufacturing in 1992. Since 1996, the company has expanded to include providing de-ionized water as a service to industries as wide-ranging as hospitals, machine shops, environmental laboratories and kidney dialysis centers.

The Arbortech slogan, "Products for a Better Environment," now stands for "...anything that has to do with water, from improving the quality of the incoming source to recycling that which is used in the plant to pre-treating the effluent to the local POTW," according to Mr. Graffia. He was ordained a Deacon for the Catholic Archdiocese of Chicago in 1993, seeking fulfillment at yet another level, and still spends several days each summer performing with a reunited New Colony Six. His family consists of Bonnie, cherished wife for nearly 35 years, and three children, Becky (age 20), Sara (age 17) and Ray III (age 14).

Mark Harings **Wisconsin Department of Natural Resources**

Mark Harings has been with the Wisconsin Department of Natural Resources since 1989. He has worked in fisheries, solid waste, and air programs and since 1997 has been assigned to the new Bureau of Cooperative Environmental Assistance. Because of his past work efforts with the salvage industry in solid and hazardous waste and air management programs Mark was selected as a Sector Specialist that works with the Auto Recycling and Scrap and Waste Recyclers of Wisconsin in a more cooperative way. As a Sector Specialist Mark works to identify environmental concerns with this industry and establish cooperative approaches to resolve them. Past work efforts have focused on seat foam recycling, a Storm Water Cooperative Compliance Program. Currently the industry is working with Mark on a Mercury collection program.

JAMES R. NOONAN **IN Clean Manufacturing Technology and Safe Materials Institute / 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, and has more than twenty years of technical product development and engineering experience.

Mr. Noonan 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.

Mr. Noonan's assistance to companies throughout the state of Indiana has helped them to save thousands of dollars by implementing pollution prevention projects based on manufacturing process modifications and/or raw material substitutions.

Formerly, Mr. Noonan was the North American marketing manager of a major industrial products company and has served as a consultant for other major industrial products companies. His broad range of business and engineering experience provides a unique perspective when considering the pollution prevention needs of the business community.

Nancy M. Norton
Imagineering Enterprises, Inc.

Ms. Norton obtained a Bachelor's Degree in Physics from Case Western Reserve University; this was after attending the University of Chicago for three years in Physics. She has attended graduate programs in Systems Engineering, which included Strength of Materials, Physical Metallurgy and Nondestructive Testing [Wright State University], Engineering [Air Force Institute of Technology and Purdue University], and Business Administration, which included Operations Research, Quality Control, and Statistics [Indiana University South Bend]. While attending Purdue University she studied Safety Engineering, Environmental Regulations, Analysis of Variance, Facilities Design, and Statistical Sampling.

Ms. Norton worked for two years as a Technologist in R & D of Iron-Nickel-Vanadium alloys for Republic Steel, as a Physicist for three years at Wright Patterson AFB, OH, in the group that conducted research and development and let contracts for nondestructive testing for the Air Force. More recently, she worked as a Friction Materials Engineer for almost seven years in the manufacturing support group for Carbon/Carbon aircraft brakes at AlliedSignal (now Honeywell).

Presently, she is the Compliance Manager, and previously as the Quality Manager, for Imagineering Enterprises, Inc., in South Bend, IN, and is responsible for all of the environmental regulations as they impact the metal finishing company. Imagineering is a single-site, small facility that specializes in corrosion prevention and protective surface finishes: Electroless Nickel Plating, Zinc and Manganese Phosphating, Passivation of stainless steel, application of Dry Film Lubricants and Paints, Chemfilm of Aluminum and Nondestructive Testing [FPI/MPI]. Imagineering is customer driven by the performance and quality needs of companies in automotive, aerospace, medical, heavy truck, military, and general industry

Laura Rauwerda
Environmental Assistance Division, Pollution Prevention Section
Michigan Department of Environmental Quality

EDUCATION

Hope College 1967-1969 Major: Biology/Chemistry

Grand Valley State University. Graduated 1989, B.S. in Natural Resources Management and Environmental Education.

Western Michigan University. Graduated 1997, M. A. in Science Education.

WORK EXPERIENCE

Background includes, working for the Groundwater Education in Michigan Program, a statewide ground water protection initiative funded by the W.K. Kellogg Foundation; TRIO/Upward Bound Math & Science Program, Grand Valley State University and the state of Michigan, Department of Environmental Quality, Surface Water Quality Division and the Environmental Assistance Division.

Live in Spring Lake with my husband and 2 daughters. I enjoy gardening, horseback riding, boating and summers on Lake Michigan.

Steve Rundell
Solvent Systems International

Steve Rundell has 30 years experience in the chemical sales and environmental services industries. In 1983 he combined his experience in these areas, founding SOLVENT SYSTEMS INTERNATIONAL, INC.. He won the Illinois Governor's award for Innovation in Waste Reduction in 1986, after building the first mobile vacuum distillation system in the state. Rundell has extensive experience in solvent recovery and waste reduction, having worked with various federal and state agencies, academic institutions, and trade associations to develop metallic binding systems and other technologies. He holds a BS degree in Mechanical Engineering.

Dave Stringham
Solvent Systems International

Dave Stringham has 30 years of environmental industry and regulatory experience that extends throughout North America and Europe. He has held program management positions with USEPA Region 5, as well as environmental, government affairs, and business development positions in industry. Now serving as Vice-President/General Manager, he has been with Solvent Systems for 3 years, where he has worked closely with Steve Rundell in developing beneficial re-use technologies and programs. He holds degrees from the University of Wisconsin and Dartmouth.

John Vanna
NY State Department of Environmental Conservation

John Vana is currently a senior environmental engineer in the NYSDEC's Pollution Prevention Unit. His primary responsibilities in this position are focused on promoting environmental management systems. Before coming to the Pollution Prevention Unit, John held positions in the NYSDEC's Bureau of Waste Reduction & Recycling and the Bureau of Solid Waste & Land Management, as well as the Soil and Water Division at the NYS Department of Agriculture and Markets. Prior to entering the public sector, John assisted private and public sector clients with solid waste management problems while working as consultant. John is a registered professional engineer in the State of New York. He received a BS in civil engineering from Villanova University and will receive his MA in public policy from the Rockefeller College of the University at Albany, in May 2002.

Natalie Roy
National Pollution Prevention Roundtable

Executive Director of NPPR-since 1994. Responsible for overseeing largest membership organization in the United States devoted solely to promoting pollution prevention. Under her guidance, NPPR has launched an ambitious international P2 program, worked with the Board of Directors and membership to draft dozens of policy papers, conducted extensive National P2 Week activities throughout the U.S., produced numerous seminal publications and studies and organized scores of conferences, seminars and workshops worldwide. Under Ms. Roy NPPR won a national environmental recognition award for its P2 work from the National Environmental and Training Foundation in 1999.

Prior to NPPR, Ms. Roy was the Legislative and Recycling Director for the Glass Packaging Institute in Washington D.C. Other job experience includes Recycling Program Coordinator for the City of Takoma Park, Maryland, Recycling Planner for the Massachusetts Department of Environmental Protection and Executive Director of the Massachusetts Citizens for Handgun Control. She also worked on various environmental campaigns for the League of Conservation Voters and Clean Water Action. In the early 1990's she was a co-producer and host of a public access environmental cable show, called "The Green Show." The show was a finalist in two national cable competitions. Ms. Roy graduated from Duke University and in her spare time is a PTA President, plays soccer on the Ageless Wonders and shares carpooling activities with her husband Nikki to shuttle their three girls to all of their activities.

ROBERT D. SAFE, CIH, LIH, QEP
Safe Technology, Inc.

Mr. Safe has over twenty five years of experience in the practice of environmental health and safety. He provides consultation on complex matters related to indoor environmental quality issues, with particular expertise in complex microbial and chemical hazards. Mr. Safe also provides consultation on OSHA compliance, hazard assessment, control technology design, program development and implementation.

His clients include federal and state governments, law firms, hospitals, insurance companies, and manufacturers. He also has prior experience in the management of Department of Defense environmental, health and safety programs from his time working with the U.S. Navy in Southern California. Prior to that he was with the Department of Labor, Occupational Safety and Health Administration. Mr. Safe lectures frequently on indoor air quality and occupational health matters. Robert is President of Safe Technology, Inc., located in Chicago, IL. Mr. Safe is a Certified Industrial Hygienist, is a Licensed Industrial Hygienist in Illinois, and is a Qualified Environmental Professional (QEP).

EDUCATION

B.S. degree in Environmental Health, Colorado State University

CREDENTIALS

Certified Industrial Hygienist - Comprehensive Practice, #3818

Licensed Industrial Hygienist, State of Illinois, #00128

Qualified Environmental Professional, #12940166

PROFESSIONAL MEMBERSHIPS

American Industrial Hygiene Association (AIHA)
American Conference of Governmental Industrial Hygienists (ACGIH)
The Academy of Industrial Hygiene
American Society for Healthcare Engineering
American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE)
American Foundrymen's Society - Environmental, Health & Safety Committee (10Q)
Chicago Section AIHA, Board of Directors

GARY V. GULEZIAN
U.S. EPA Region 5 Great Lakes National Program Office

Gary Gulezian is the Director of the Great Lakes National Program Office (GLNPO) in the United States Environmental Protection Agency's (USEPA) office in Chicago. He has served in this position since September of 1997.

GLNPO is charged with the responsibility to lead and coordinate U.S. efforts in implementing the goals and objectives of the Canada - U.S. Great Lakes Water Quality Agreement. GLNPO brings together Federal, state, tribal and local partners in an integrated, ecosystem approach to protect, maintain, and restore the chemical, biological, and physical integrity of the Great Lakes. The program monitors Lake ecosystem indicators; manages and provides public access to Great Lakes data; helps communities address contaminated sediments in their harbors; supports local protection and restoration of important habitats; promotes pollution prevention through activities and projects such as the Canada-U.S. Binational Toxics Strategy (BNS).

Prior to becoming GLNPO's Director, Mr. Gulezian was the Chief of the Air Toxics and Radiation Branch in the United States Environmental Protection Agency's Region 5 office in Chicago. In this capacity, Mr. Gulezian was responsible for coordinating the implementation of the Regional Office's programs which dealt with hazardous air pollutants and radiation. Additionally, Mr. Gulezian had the overall responsibility for directing Federal air pollution control efforts in the States of Michigan, Minnesota, and Wisconsin including regulation development, enforcement and grants management.

Mr. Gulezian joined USEPA in 1977. During his tenure with the Agency he has worked with programs involving the control of mobile sources, Federal rule making on State Implementation Plans, cleanup of radioactively-contaminated sites, radiological emergency response, and the control of indoor radon.

Mr. Gulezian holds a Baccalaureate degree from Dartmouth College where he specialized in aquatic biology and a Masters degree from the Harvard University School of Public Health in the field of Environmental Health Sciences.

Mr. Gulezian lives in Oak Park, Illinois, with his wife, Greta, and their three children.