



NJSPE

Annual Awards & Installation Reception

Thursday, June 10, 2010

6:30 - 8:30 pm

Trenton Country Club, Trenton, NJ



**The New Jersey Society of Professional Engineers proudly honors
incoming NJSPE,
President John Cantwell, PE, PP, CME
and the
recipients of the
2010 NJSPE Engineering
Excellence Awards:**

**Gene R. O'Brien, P.E., F.NSPE
NJSPE Distinguished Engineering Service Award**

**Barbara Jean Altenburg, P.E., P.P.
Outstanding Professional Engineer Award**

**Judson F. Wible, EIT
Outstanding Professional Young Engineer Award**

**Johnson, Mirmiran & Thompson
Private Practice Professional Development Award**



Incoming President,
John J. Cantwell, PE, PP

John James Cantwell, PE, PP, has been a practicing Professional Engineer since 1973. He received his degree from Rutgers University. John is currently licensed in New Jersey, Delaware and Maryland. He also holds a professional planner license in New Jersey and is a Senior Associate in Remington & Vernick Engineers. Prior to his current employment which began in 1988, he worked as an Engineer in the Baltimore metropolitan area.

John is currently serving as Vice-President for the New Jersey Society of Professional Engineers (NJSPE). Previously he had served in various offices of the New Jersey Society of Municipal Engineers (NJSME), including President. His current duties include serving on the Legislative Committee of both associations.

John and his wife, Patricia, are residents of Voorhees Township in Camden County. They have two children, a daughter and grandson who lives locally and a son (who has taken up surveying) residing in Massachusetts.

**2010- 2011
Executive Committee**

NJSPE President
John Cantwell, PE, PP, CME

NJSPE Vice President
Robert J. Thiel, PE

NJSPE Treasurer
Mark Shourds, PE, PP

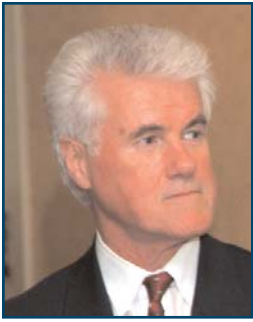
NJSPE Secretary
Peter Schkepper, PE

NJSPE First Past President
Kevin Beca, PE, PP, CME

NJSPE Second Past President
John Rhodes, PE

NSPE Delegate to NSPE
Louis Picciano, PE

Director at Large (Chapter 50)
William J. Castle, PE



NJSPE Distinguished Engineering Service Award

**Gene R. O'Brien,
P.E., F.NSPE**

O'Brien served NJSPE in various officer positions for almost a full decade up to 2008. He was the first member to be elected to two consecutive terms as President. He was NJSPE's first representative to the NSPE House of Delegates in 2007. Other service has been as a member of the Board of Directors of the NJSPE Educational Foundation for which he continues to serve as Treasurer and a member of the Engineering Career Day Committee. Having been on the blue-ribbon committee that created the NJSPE Institute for Professional Leadership, he served as its Administrator for all seven programs through 2008. He also was Editorial Consultant to the Perspectives Newsletter for many years.

His meritorious service to the Society began in 1964 -- shortly after becoming a member -- when he chaired the Entertainment Committee for the 1964 Annual Conference, hosted by the Union Chapter in which he was a member. This was followed by successive years as Chair of the newly formed NJSPE Young Engineers Committee. At the same time he continued to lead the Conference's Entertainment Committee -- hosted by other NJSPE chapters -- for which he arranged for professional entertainment and all food & beverage service. Later, he co-chaired the last Conference conducted by the Society.

In 2000, he was recruited to serve on the NSPE Products & Services Task Force, the group responsible for managing the array of offerings provided to NSPE members. He became Chair of that task force and was appointed to a newly created NSPE Leader Development Task Force. At the same time, O'Brien took an active role in the Northeast Region, one of NSPE's six geographical entities, that includes 12 state society jurisdictions. He was elected by them to serve as Northeast Regional Vice President for 2003-05, which gave him a seat on the NSPE Board of Directors. In this RVP position he was selected by

his RVP peers to represent all six regions on the NSPE Executive Committee for 2004-05. In this position he also had liaison responsibilities to many of NSPE's task forces and the Membership Committee. In 2008, he was appointed as NSPE Parliamentarian to provide guidance at the annual Assembly of the House of Delegates for which he still serves.

O'Brien's service for the public welfare includes having been elected to four consecutive terms on the governing body in West Windsor Township, serving as its Mayor in 1989. Prior to this he was a member of the township's Zoning Board of Adjustment and the Planning Board, which he chaired in 1998. He served as a leader in the Junior Achievement Program. For the past five years he has volunteered with the FIRST organization, which uses robotics as a platform to enhance the understanding of science and technology among students and their stakeholders.

After earning a BSEE degree in 1962 from NJIT, O'Brien earned his NJ PE license and an MBA from Rutgers University in 1967. Having joined the former Bell System in 1962, he served in various engineering and operating assignments for AT & T until 1977 when his career migrated to marketing. Responsibilities included VIP customer hospitality at three Summer Olympics, the 1994 FIFA World Cup, major trade shows on four continents, and the 1995 World Telecom extravaganza in Geneva. He retired in 1996 from Lucent Technologies as Managing Director of Global Events Marketing. In 1997, he became co-owner of a small bed & breakfast with which he continues to be active.

Prior recognitions include the very first NJSPE Outstanding Young Engineer Award (1967); Alumni Service Award (NJ Institute of Technology in 1983); Citizen-of-the-Year (PE Society of Mercer County in 1987); NSPE Fellows Class of 2004; and FIRST Volunteer-of-the-Year (NJ Region in 2008).



Outstanding Professional Engineer Award

Barbara Jean Altenburg, P.E., P.P.

Barbara Jean Altenburg, P.E., P.P. has centered her life's work as an Energy Engineer promoting the safe and efficient design of energy systems in the built environment in New Jersey. She has exceptional achievements in promoting alliances between government agencies and industry associations, especially with NJ engineering societies, to bring the tools, technologies, and program opportunities to fellow engineers to not only design safer and more efficient HVAC systems, but also to encourage participation in establishing enforceable policies and codes that ensure safe and efficient energy use.

Barbara holds a Bachelors of Science Degree in Ocean Engineering from the Massachusetts Institute of Technology and an MBA from Seton Hall University. She has a NJ Professional Engineers License and a NJ Professional Planners License. She enjoyed 8 years as an engineer with Elizabethtown Gas Co. and the past 23 years with PSE&G where she is the Manager of Pipeline Integrity.

Barbara is a lifelong advocate of using energy wisely, and employment at gas utility companies after the energy crisis on the 70's led to an expertise in gas measurement, and thus increased involvement with energy efficient use and measurement. Ultimately her expertise grew to utilization of gas behind the meter, then to efficiency upgrades to HVAC systems, then to the need for better building codes that addressed mechanical systems and finally to the need to improve the building shell at the time of construction to meet the capabilities of mechanical systems at least partway in the quest to improve energy efficiency. She has developed technical and business templates for efficiency improvements for large businesses by leveraging utility programs and services with redesign of customers' HVAC requirements. She has actively participated in the devel-

opment of regulatory strategy and partnerships for both energy efficiency and for gas safety codes for construction.

She is a longstanding member of NJSPE and a Past President of the Union County Chapter of NJSPE. When asked about what NJSPE means to her, she says, "Engineering is a great career, especially for a woman, because there is a certain amount of control over your own destiny and the contributions you can make to society. The Professional Engineer license helps give weight to your ideas, and the network of fellow Professional Engineers provides the sounding board, and support, for success. I am very grateful to NJSPE and especially to my colleagues in the Union County Chapter of NJSPE. "

Barbara is also a longstanding member of the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and a Past President of the NJ Chapter of ASHRAE, and a member of the Association of Energy Engineers (AEE) and a Past President of the NJ Chapter of AEE.



Outstanding Young Professional Engineer Award

Judson F. Wible, EIT

Judson F. Wible, EIT received his undergraduate degree in Physics from Allegheny College in western PA. After graduation, he immediately attended graduate school at Rutgers University for Civil Engineering.

Upon graduation he worked for a small equipment manufacturer as their only engineer and after three years obtained a position with Parsons Brinckerhoff. He has been employed there for five years now and has been an important part of their structural engineering department designing bridges in New Jersey. He has worked on their Delaware River Bridge Project, their Mullica River Bridge Projects, and is currently working on the New Jersey Turnpike Widening Project.

Jud is the son of James and Norma Wible and grew up in Sandusky, Ohio. He and his lovely wife Devon own a home in Ewing, NJ with their puggle Kahli. He enjoys running, projects around the house and working until all hours of the night.

Private Practice Professional Development Award

Johnson, Mirmiran & Thompson

The NJSPE Professional Development Award is presented to employers that exhibit exceptional career development initiatives and employment practices that advance the engineering profession. This year's winner is Johnson, Mirmiran and Thompson (JMT), an employee-owned consulting firm that was founded in 1971. JMT is currently ranked 99 on ENR's list of top 500 design firms. The firm has approximately 700 employees in offices throughout the eastern United States including offices in Trenton and Newark, New Jersey. Approximately 193 of its employees are licensed professional engineers and an additional fifty hold engineer-in-training certificates.

The firm conducts semi-annual performance reviews and offers a full menu of benefits including group health/life insurance/disability insurance; flexible spending accounts; an ESOP/profit-sharing plan and 401(k) plan; educational reimbursement; and leave time, holidays and bereavement leave.

Aside from a generous compensation and benefits program, JMT follows a number of policies and practices that support its employees and advance the profession. For example,

JMT is a strong advocate of licensure, professional development, ethics and client service. The firm offers a comprehensive Career Development Program, which includes Interpersonal Skills; Project Management Training; Technical and Professional Development and Leadership.

Employees are kept up-to-date through corporate and personal announcements on the JMT Intranet. There is also an on-line suggestion box.

The firm is a strong supporter of charitable giving and community service. Both JMT and its founder, Fred Mirmiran (through the Mirmiran Foundation) provide matching contributions to a number of deserving charities including the United Way, the American Cancer Society and the American Red Cross.

JMT sponsors a variety of wellness initiatives including a Walk at Lunch, a Health Profile, a Healthy Steps program and gym discounts. Motivational prizes encourage employee participation.

Company parties and picnics as well as softball, golf and volleyball competitions help employees unwind outside of work.

The firm offers stipends and prizes for employee referrals. Stipends are also given for reaching various years of service.

Every year, JMT celebrates its accomplishments and recognizes employees for their outstanding achievements at a series of annual awards functions. At the same time, corporate executives congratulate those employees who were promoted and/or reached service milestones with the firm.

In recognition of its progressive employment practices, JMT has been named as one of the "Top 50 Best Civil Engineering Firms To Work For" for seven consecutive years in a competition sponsored by CE News magazine.

