

## Branch Officers and Directors for 2007/2008

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Thomas N. Ott, P.E., M.B.A.  
Systra Consulting  
(973) 873-9752  
[tott@systrausa.com](mailto:tott@systrausa.com)

### President Elect

Teresa Peterson, P.E., C.M.E.  
Gannett Fleming, Inc.  
(908) 755-0040  
[tpeterson@gfnet.com](mailto:tpeterson@gfnet.com)

### Vice President

Stephan Butler  
[Stephan.butler@mac.com](mailto:Stephan.butler@mac.com)

### Secretary

Katy Ubinger, P.E.  
CSR Construction Corp.  
(973) 667-1600 x 112  
[kubinger@csrgroup.com](mailto:kubinger@csrgroup.com)

### Treasurer

Scott Lubarsky, P.E.  
HNTB Corporation  
(973) 237-1650  
[slubarsky@hntb.com](mailto:slubarsky@hntb.com)

### First Past President

Ken Clausen, P.E.  
KS Engineers, P.C.  
(973) 623-2999  
[kclausen@kseng.com](mailto:kclausen@kseng.com)

### Second Past President

Lamis Malak, P.E.  
NJ Turnpike Authority  
(732) 750-5300 x 8247  
[Malak@turnpike.state.nj.us](mailto:Malak@turnpike.state.nj.us)

### Director

Gareth Middleton, P.E.  
Tishman Construction Corp.  
(973) 643-4007  
[gmiddleton@tishman.com](mailto:gmiddleton@tishman.com)

### Director

Mike Murno, P.E.  
Jacobs, Edwards & Kelcey, Inc.  
(212) 944-2000  
[mike.murno@jacobs.com](mailto:mike.murno@jacobs.com)

### YMG President

Chrissa Roessner, P.E.  
The Louis Berger Group, Inc.  
(973) 765-1946  
[croessner@louisberger.com](mailto:croessner@louisberger.com)

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# 2008 ANNUAL BRANCH AWARDS DINNER

TO BE HELD ON  
THURSDAY, MAY 15, 2008

**Civil Engineer of the Year**  
Bala Sivakumar, P.E.—HNTB

**Government Engineer of the Year**  
Armand Fiorletti, P.E.—Retired

**Young Engineer of the Year**  
Robert Matthews, P.E.—Gannett Fleming Inc.

**Service to the People**  
Scott T. Rumana—Assemblyman

**Educator of the Year**  
Dave Janosz—Northern Valley Regional High School

**Journalism Award**  
Al Pagan—CE News

**President's Award**  
Ken Clausen, P.E.—KS Engineers

**Student Scholarships and Merit Awards**

**Induction of ASCE Life Members**

- Where: Newark Club  
One Newark Center, Newark, NJ
- Time: Social Hour begins at 5:30 and  
Dinners begins at 6:30 with awards ceremony
- Cost: \$85 – Members, \$80 – Government Employees  
\$85 – Nonmembers, \$40 – Students and Tables of Ten – \$800
- Please make checks payable to ASCE North Jersey Branch*
- RSVP by May 12, 2008.
- Register: Register online at <http://branches.asce.org/northjersey> and  
click on the RSVP button included in the event flyer
- Or send name, telephone number and e-mail address to:  
Teresa Peterson, [tpeterson@gfnet.com](mailto:tpeterson@gfnet.com) or (908) 755-0040
- Directions: Visit <http://www.newarkclub.com/directions.html>

## PRESIDENT'S ADDRESS

Congratulations to the New North New Jersey Branch Board, the Awards Winners for 2008, and our new Life Members!

May is a time of celebration as we honor those who supported us and went above and beyond their duties as Engineers to advance our profession! May is also the month I make my exit as your President and welcome Ms. Teresa Peterson, P.E. as our new President. I have the utmost confidence in Teresa's abilities to govern and lead this Branch into new and exciting places.

I must thank our members for letting me serve you this year. I am truly humbled that you entrusted this great responsibility to me and I hope that my leadership has moved the Branch into a better place. I know that there is so much work still left to be done in the coming days, months, and years but I know that the new Board is ready, willing, and able to do it!

Before I go, I want to share with you something that happened to me just a few weeks ago. In mid April, I was asked by NJIT's Civil Department to be part of a panel discussion

for High School students who are undecided about going to NJIT to pursue a degree in Civil Engineering. As an NJIT alumnus, I accepted the invitation without hesitation. As the future students and their parents filed in the room I couldn't help but look out into the audience and watch the all be seated.

That very moment I was reminded of a quote from singer/song writer John Melloncamp, *"there is nothing sadder or more glorious than generations changing hands."* Many years ago, I was the kid in this audience listening to a discussion panel about NJIT and now it is me up here! Somewhere along the way generations have changed hands and I've become an Engineer with touches of gray hair doing just that, building big things.

As I look towards the future, I see a great rebirth of our industry. I see the hard work that our members are doing at the K-12 level and in college. I see a breed of new world engineers ready to attack the needs for our new and aging infrastructure as our world becomes increasingly connected and all too much smaller.

I see our Younger Members emerge into new leadership roles and take on new challenges as they rise through their organizations.

I see Life Members mentoring the newly minted project managers, managers, and executive officers with their wisdom and reminding them of the principles of being an Engineer.

I see Branch members building a strong engineering community that addresses the current concerns of the day and lays the foundations for future generations that will follow in our footsteps.

I see us making a difference.

In closing, as I reach out to the great Engineers who came before us and grasp tightly to the great ones coming up behind us, I can't help but think how lucky I am to be a Civil Engineer.

Sincerely,



Thomas N. Ott,  
PE, MBA  
(973) 456-5051

## UP COMING EVENTS

- May 2 NJ Section Awards Dinner
- May 8 TTG 1/2 Day Seminar at NJIT
- May 15 Annual Branch Awards Dinner
- Aug 2 Habitat for Humanity, Contact  
Katy Ubinger at  
[kubinger@csrsgroup.com](mailto:kubinger@csrsgroup.com)
- Sept 13 Softball Tournament at  
Brookdale Park in Essex County



## HIGHWAY and TRANSPORTATION ENGINEERS

Robson Forensic is a multi-discipline forensic engineering firm practicing throughout northeastern and central US. We seek mature professionals, experienced in the design, construction and maintenance of roadways. You would be part of a comprehensive team that includes vehicle engineers and operators, crash reconstructionists, human factors engineers, biomechanical engineers and highway engineers. You must be degreed and registered, with 10+ yrs. experience, excellent analytical and communication skills. Please e-mail your resume and a cover letter describing you and your previous experience to Nancy Chillias, [jobs@robsonforensic.com](mailto:jobs@robsonforensic.com). Ref: ASCE JN-2008

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*Fourteenth Annual Transportation Technical Group Seminar*

## **LIBERTY CORRIDOR: NEW JERSEY'S GROWTH ENGINE**

The State of New Jersey was presented a unique opportunity with the passage of SAFETEA-LU Section 1301 - Projects of National and Regional Significance as this legislation recognizes and expressly designates the Liberty Corridor as a Corridor of National and Regional Significance. The "Corridor of National and Regional Significance" designation and the associated funding set in motion an unprecedented planning effort for an eight county region of New Jersey where transportation network and nodes include major port facilities, roadways, rail lines, a leading airport, brownfield redevelopment sites, great universities and research and development facilities. The Liberty Corridor brings together its resources to create a coordinated program that is driven through innovation to unlock the potential of the region for the benefit of the State and the nation. This presentation will provide an overview of the limits of the Liberty Corridor including its many attributes; the planning effort undertaken to further define the Liberty Corridor; and the resulting Phase I Liberty Corridor projects.

### **SPEAKERS/TOPICS:**

The Honorable Senator Robert Menendez or His Representative

#### **Opening Remarks**

Ms. Colette Santasieri, *Director*  
Office of Research and Development  
New Jersey Institute of Technology  
**Overview of the Liberty Corridor**

Mr. Bruce Riegel, *Project Manager*  
New Jersey Department of Transportation  
Ms. Lynne Baumann, *Project Manager*  
Jacobs  
**Witt Penn Bridge**

Ms. Lamis Malak, *Project Engineer*  
New Jersey Turnpike Authority  
Mr. Frank Lopatosky, *Project Manager*  
Jacobs Edwards & Kelcey  
**Tremley Point Connector Road**

Mr. Robert James, *Principal Planner*  
Port Authority of New York & New Jersey  
**North Avenue Corridor Project**

**DATE/TIME:** Thursday, May 8th, 2008, 2:30 PM Registration Begins, Presentations and Dinner to follow

**LOCATION:** New Jersey Institute of Technology (NJIT)  
Campus Center, Atrium  
Parking will be available at the Parking Deck on Summit Street  
Visit <http://www.njit.edu/about/visit/> or <http://branches.asce.org/northjersey> for directions

**COST:** \$75 – Members, \$85 – Nonmembers, \$45 – Students

**REGISTER:** RSVP by Wednesday April 30, 2008 ("No Shows" will be billed)  
Register online at <http://branches.asce.org/northjersey> and click on the RSVP button included in the event flyer

Or send name, telephone number and e-mail address to:  
Jean Go, PB, at [goje@pbworld.com](mailto:goje@pbworld.com) or 973-353-7658

*Please make checks payable to ASCE North Jersey Branch*

**PDH Under Review**

## 2008-2009 ASCE North Jersey Branch Executive Board

Please join us in welcoming our new Board of Directors for the coming year. They will be putting forth another slate of interesting programs and exciting events and will continue to keep our Branch at the forefront of our region.

- President: Teresa Peterson, P.E. of Gannett Fleming, Inc.
- President-Elect: Stephan Butler
- Vice-President: Kevin Doyle, P.E. of Stantec
- Secretary: Natalie Marshall of Parsons Brinkerhoff
- Treasurer: Scott Lubarsky, P.E. of HNTB
- Branch Director: Katy Ubinger, P.E. of CSR Group
- Branch Director: Lamis Malak, P.E. of New Jersey Turnpike Authority

Good luck to our dedicated members and also our past officers for their

continued support to the Board and Branch. We had an exciting and successful year. Special thanks go to Tom Ott, PE, who will continue serving the ASCE North Jersey Branch in his new role as the North Jersey Branch First Past President in the coming year. Tom did a wonderful job this year and all of us on the board want to say Thank You!



## What is the Order of the Engineer?

The Order of the Engineer is the group of engineers who have publicly and privately recognized their duty to the public and to their profession. Order members understand the significance of the public trust bestowed upon them to perform their roles to the highest morale, ethical, and technical standards. The Order was initiated in the United States to foster a spirit of pride, individual integrity, and responsibility in the engineering profession. It bridges the gap between training and practice and presents to the public a visible symbol of our dedication. The first induction ceremony was held in 1970 at Cleveland State University, though the origins of the organization may be traced to the Canadian "Ritual of the Calling of an Engineer" dating back to 1926.

The Obligation is the formal statement of an engineer's responsibilities to the public and to the profession, publicly accepted by the engineer during the induction ceremony. Upon acceptance of the Obligation, new mem-

bers receive a stainless steel ring to wear on the fifth finger of the working hand. This ring identifies them to other members of the Order and to the public at large.

Nationally, ASCE is encouraging membership in the Order for all of its members. The North Jersey Branch is planning to hold another induction at our Annual Awards Dinner on May 15th. The induction is scheduled for 5:00 p.m., before the dinner, so come early and bring \$15 for the ring. ALL ENGINEERS are invited to attend.

For more information contact:  
Chrissa Roessner at [croessner@louisberger.com](mailto:croessner@louisberger.com).





## NJIT CHAPTER OF THE ASCE TEAM COMPETITIONS 2008

BY: HERTZLER AWUY

### STEEL BRIDGE REGIONALS

On Saturday, April 5, 2008, the regional steel bridge competition was held in Stevens Institute of Technology in Hoboken, NJ. Teams that competed in the Metropolitan Conference were New Jersey Institute of Technology (NJIT), Stevens Institute of Technology, Rutgers, TCNJ, CCNY, Polytechnic, and Cooper Union. NJIT walked away with top honors and was invited to compete in the National Competition in New Orleans later this spring.

NJIT would like to thank Schiavone Construction for their assistance this year. We couldn't have had such a fine bridge if it wasn't for them.

The design for this year's bridge is basically a modification from last year's bridge. Some aspects of the bridge were changed to meet the new rules and we made improvements to the bridge to make this year's bridge more advantageous for the competition. In this year's rule, the scoring focused more on the weight and deflection of the bridge. The lighter the bridge, the more it deflects, and vice versa. The key is to find the optimal balance and design a bridge according to that. Construction speed is also important and our team practiced 2 weeks prior to the regional competition to get our time below the 10 minute mark. One key change to this year's rules is the dimension change of the arena which made the size of the river longer and throws off our building strategy from last year. Along with the dimension change of the arena, the addition of "barges" is something that wasn't done in previous years. Barges are builders who are allowed to be in the river. They make the competition more interesting because having barges add to the score, and they are necessary because the dimension change of the arena forces the team to use the barges.

Hyperlink to the NJIT article: <http://www.njit.edu/news/2008/2008-135.php>



### Immediate Position for Project Engineer or Senior Engineer

*Olson Engineering, Inc., a leading nondestructive evaluation (NDE) and testing firm, is seeking a P/T to F/T Project Engineer or Senior Engineer for their Rutherford, NJ office. Applicant will have a B.S. (min.) with a structural, civil, or related background + 3-5 years of experience, must enjoy travel, field work, data analysis, report writing, and possess excellent written and verbal communication skills. Proficiency with Microstation preferred. NY and NJ P.E. and experience with masonry structures and NDE methods a plus.*

*Send resume to [eroman@olsonengineering.com](mailto:eroman@olsonengineering.com) or fax to 201-933-8050.*

### NATIONAL UNDERGRADUATE SEISMIC DESIGN COMPETITION

BY: HERTZLER AWUY

NJIT also competed in the National Seismic Design Competition held in New Orleans, LA, on February 6-9. We placed 12th in the nation against western teams such as UCLA, UC San Diego, Oregon State University and University of Texas.

The hyperlink for the competition: <http://peer.berkeley.edu/students/Seismic.html>

# NORTH JERSEY BRANCH TECHNICAL GROUPS

Join one of these groups and get involved with others in your field of interest. For more information, contact Ken Clausen, P.E. at [kclausen@kseng.com](mailto:kclausen@kseng.com) or any of the individuals listed below:

**STRUCTURAL GROUP**  
Satisn Patel – 732-452-9200  
[satish.patel@jacobs.com](mailto:satish.patel@jacobs.com)

**TRANSPORTATION GROUP**  
Mittul Patel - 908- 598-2600  
[mpatel@bemsys.com](mailto:mpatel@bemsys.com)

**WATER & ENVIRONMENTAL GROUP**  
\*Ramesh Rajagopal 908-755-0040  
[rrajagopal@gfnet.com](mailto:rrajagopal@gfnet.com)  
*(\*Acting chair for the two open positions)*

**PROFESSIONAL ISSUES GROUP**  
Ron Gumann –  
[rgumann@panynj.gov](mailto:rgumann@panynj.gov)

**CONSTRUCTION GROUP— Co-Chairs:**  
Katy Ubinger - 973-667-1600 Ext.112  
[kubinger@crsgroup.com](mailto:kubinger@crsgroup.com)  
Stephen Denes - 201-307-2548  
[sdenes@hertz.com](mailto:sdenes@hertz.com)

**GEOTECHNICAL GROUP— Co-Chairs:**  
Golam Kabir – 973-605-5200  
[gkabir@converseconsultants.com](mailto:gkabir@converseconsultants.com)  
David Lim – 212-608-6600  
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