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# 2009 Annual Branch Awards Dinner

TO BE HELD ON  
WEDNESDAY, MAY 13, 2009

**CIVIL ENGINEER OF THE YEAR**

James J. Purcell, PE - Medina Consultants

**GOVERNMENT ENGINEER OF THE YEAR**

J. Lawrence Williams, PE - New Jersey Turnpike Authority

**YOUNG ENGINEER OF THE YEAR**

Edgardo Perez, PE - The Louis Berger Group

**SERVICE TO THE PEOPLE**

John S. Wisniewski - Assemblyman

**EDUCATOR OF THE YEAR**

Taha F. Marhaba, Ph.D, PE - New Jersey Institute of Technology

## STUDENT SCHOLARSHIPS AND MERIT AWARDS INDUCTION OF ASCE LIFE MEMBERS

- Where:** La Quinta Inn & Suites  
38 Two Bridges Road, Fairfield, NJ 07004  
(973)575-1742
- Time:** Social Hour begins at 5:30  
Order Of The Engineer Ceremony  
Hosted By The Young Members Group - Precedes Dinner  
Dinner begins at 6:30 with Awards Ceremony
- Cost:** \$65 – Members, \$60 – Government Employees  
\$70 – Nonmembers, \$50 – Students, Tables of Ten – \$600  
**Please make checks payable to ASCE North Jersey Branch**  
RSVP by May 11, 2009
- 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:  
Kevin Doyle, [kevin.doyle@stantec.com](mailto:kevin.doyle@stantec.com) or (201) 587-9040

**Please make checks payable to ASCE North Jersey Branch**

## PRESIDENT'S ADDRESS

My last address as your Branch President. I'd like to say the time has flown, but I know how much we've accomplished throughout the year. I will be glad to enjoy the summer break. I'm not one to spend time looking back, but I feel credit must be given to the people, programs, and events that defined our year.

We started the year with our Professional Issues Group seminar on Green Buildings. The presentation by Pavel Getov on the new building at Cooper Union was well attended, very informative, and quite enjoyable. We all learned something about the LEED process and what a little creative thinking can achieve. It was also our first meeting held at LaQuinta in Fairfield. That move turned out to be a major benefit for the year as it allowed us to lower the ticket price for our dinners without sacrificing quality.

In a year dominated by infrastructure failures and financial bail-outs, October saw a new addition to our regular line-up: an Infrastructure Seminar on P3s. Featuring a panel of distinguished guests from varied fields, this was the first time we shifted from a lecture format to a round-table discussion. It was also the first time in recent history we held a major function at Stevens Institute of Technology. It was one of our best events all year! Special thanks to all the people who helped make this event possible. I'm excited to think about the prospects for Infrastructure Seminar 2009.

November was our Joint Dinner Seminar with ASHE featuring Lee Steiner followed in January by the Structures Group Dinner on Parking Garage Design. Our STG dinner is always an important event for us as it gives us a chance to connect with our student chapter at NJIT. By the way – congrats to the Steel Bridge Team for winning their 4th consecutive Metro Region Steel Bridge Competition. We wish you the best at Nationals!

The New Jersey Regional Future Cities Competition was also held in January. Congratulations to the team from Iselin Middle School for their winning entry: "Shinseikatsu." Due to the hard work of the organizers, this year's competition included close to 60 teams from middle schools throughout the state. For more information the competition, make sure to check out their website at <http://branches.asce.org/centraljersey/FCIndex.html>

February featured another new addition to the line-up: a joint dinner seminar with the Society of Professional Engineers. A big thank you to Tom Ott and the NSPE board for helping to coordinate the talk on Water Tunnel #3 in Manhattan.

Our Younger Member Group deserves recognition for their latest venture – the Bowling Tournament in March. With 9 teams from 6 different companies competing, the event represented a potential new boon for YMG. Mark your calendars and shine up your shoes for next year's competition!

Our Geotech, Transportation, and Structures groups all came through in a big way with strong half-day and full-day seminar programs this spring. Ten PDH credits were available at these three events alone. We learned about seismic design, how to accelerate structural construction elements, and how the region intends to spend its share of the federal stimulus money. Let's not forget the tour of Giant's Stadium organized by our Construction Technical Group.

I can't end without mentioning those working behind the scenes to advance the organization – our Scholarship Committee members who read through numerous of high school and college scholarship applications for us, our Awards Committee members who sifted through the award nomination packages to select the winners we will recognize on May 13, everyone

who participated in Engineer's Week especially the volunteers who agreed to don the "Digit" costume to the delight of all the little kids, the organizers and speakers at the Liquid Assets forums at NJIT, Rutgers, and Rowans, and everyone who helped to spread the word about the 2009 ASCE Report Card.

Throughout the year I have met many new and interesting people. From the bottom of my heart, a sincere thank you to everyone who helped make this year a success. From those who agreed to serve on the Board with me, to our Technical Group chairs, to those who "pitched in" when asked, this has been a team effort. It has been my pleasure to serve with all of you. You are truly a dedicated group of professionals. I hope I have the opportunity to return the favor with the future generations of Branch leadership. I encourage all our members to get involved with the Branch and meet some of these remarkable individuals.

All my best,



**Teresa Peterson, P.E., C.M.E.**



## Half Day Seminar on "Infrastructure Stimuli for the NY/NJ Region"

On April 7, 2009, the Transportation Technical Group held their 15th Annual half-day seminar at the LaQuinta Inn Fairfield, NJ. This year's topic was "Infrastructure Stimuli for the NY/NJ Region." The presenters represented many of the major components of our region's transportation systems and spoke of the details of the current stimulus program as well as many of the exciting projects that are currently taking place. The speakers at the event were:

- Ms. Mary K. Murphy, AICP, PP, Executive Director of the North Jersey Transportation Planning Authority
- Mr. Richard T. Hammer, Assistant Commissioner of Capital Program Management (CPM) for the NJDOT
- Scott Murrell, P.E., MASCE, Chief Engineer for the Port Authority of New York & New Jersey
- Steven H. Santoro, Assistant Executive Director, Capital Planning and Programs for the New Jersey Transit Corporation
- Joseph D. Rago P.E., C.E.M., Senior Director, Stations and Facilities – Engineering Structures for the Amtrak



*Some of the seminar's speakers receiving recognition plaques.*

The program started at 2:30 pm and ended at 7:00 pm and was well received with nearly 75 attendees. We at the ASCE North Jersey Branch Transportation Technical Group would like to thank the speakers and sponsors for supporting the seminar.

## Site Stormwater Management Measures

### Maintenance Manual - NJ

Document Template

[www.maintenancemanualnj.com](http://www.maintenancemanualnj.com)

### UPCOMING EVENTS

ASCE NJ Section Awards Dinner - 5/8

ASCE North Jersey Branch Awards Dinner - 5/13

You can renew your ASCE and Section/  
Branch membership today by going to

[www.asce.org/renewal](http://www.asce.org/renewal)



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## 2009 NJIT Steel Bridge Competitions (NJIT CHAPTER OF ASCE)

By Dr. John Schuring, NJIT

A team of 25 NJIT civil engineering students—including many seniors—will be working round-the-clock through graduation to ready a 20-foot-long model steel bridge for a prestigious national competition. The team qualified for this important event by taking first place in the recent Metropolitan Region Steel Bridge Competition. This is the fourth year in a row in which NJIT has won the regional and advanced to nationals. This year's national event will be held in May at the University of Nevada.

"The goal of all of these steps is to push NJIT into the top 10 in the upcoming National Steel Bridge Competition," said Giancarlo Fricano, of Bridgewater, a captain and senior. "Rome wasn't built in a day, nor was the moon reached in one mission. But our team has made major strides towards advancing its standing nationally. This year, we've made a bridge and a team to be proud of and we're hoping to take this further."

Advisor John Schuring, professor of civil engineering, echoed these words. The best we've ever done in this national competition is 14th place. That's pretty good, too, when you consider that something like 175 teams typically compete. However, this year, I think we really have a shot to make it into the top ten.

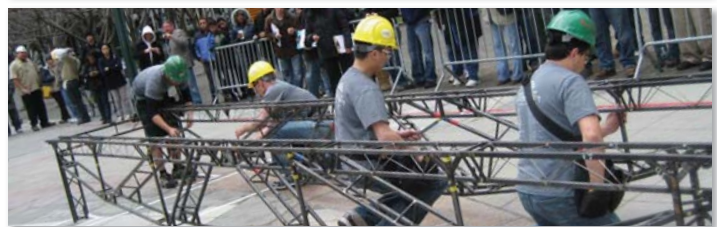
The rigorous local competition—held this year at Polytechnic University—required teams to assemble a reduced-scale bridge (about one-tenth the size of an actual bridge) under deadline pressure. The 20-foot long bridge had to be lightweight, yet strong enough to sustain a 2,500-pound load. NJIT's winning model also took first place in two design categories: structural efficiency and stiffness. Competing institutions included Columbia University, Cooper Union, Rutgers University, Stevens Institute and the College of New Jersey.

The NJIT team used a quick-connecting pin joint that enabled them to assemble their bridge quickly. They also used a lightweight three-dimensional truss design that made for a lightweight, yet strong bridge. Two corporate partners—Acrow Bridges and Schiavone Construction Corp—helped the team construct the bridge.

"Working on this bridge since last summer allowed our team to see its work go from a conceptual design to a final fabrication," said Tien Tran, of Belleville, a civil engineering major and co-captain. "That's a very rewarding experience for students to have." More than 18 bridge designs were considered before deciding on this final one. The team also used computer models, prototype testing and stress analyses to evaluate the bridge. For further information go to:

<http://bridge.njit.edu/index.htm>

***The ASCE North Jersey Branch congratulates the NJIT Team on their accomplishment and wishes them the best of luck at the Nationals.***



## 2009 – 2010 ASCE North Jersey Branch Executive Board

The democratic process is alive and well in Northern Jersey. You, the members, were asked to cast votes for the next Executive Board in the March and April newsletters. Now, please join me in welcoming our new Board of Directors for the 2009-2010 season!

|                  |   |
|------------------|---|
| President:       | Kevin Doyle, PE of Stantec                        |
| President-Elect: | M. Golam Kabir, Ph.D., PE of Converse Consultants |
| Vice-President:  | Kerri Tyerman, PE of Dewberry                     |
| Secretary:       | Greg Landry of Moretrench American Corporation    |
| Treasurer:       | Scott Lubarsky, PE, of HNTB                       |

Our Branch Directors: Katy Ubinger, PE and Lamis Malak, P.E.

And our Section Directors:

|                     |                        |
|---------------------|------------------------|
| Bill Rutherford, PE | Arjuna Ranasinghe, PE, |
| Ken Clausen, PE     | Robert Matthews, PE    |

The North Jersey Branch has a strong tradition of producing award winning programs and I have every confidence that with your support, the new leadership will rise to meet the challenge. Next time you meet one of them at a meeting, make sure to wish them well, and thank them for volunteering their time and talents to the Branch.

### ORDER OF THE ENGINEER RING CEREMONY AT LaQUINTA INN & SUITES, FAIRFIELD, NJ

**American Society of Civil Engineers, North Jersey Branch Younger Member Group** invites you to participate in the Order of the Engineer Ring Ceremony to be held at the North Jersey Branch Annual Awards Dinner on **Wednesday, May 13, 2009**.

The Order of the Engineer was initiated in the United States to foster a spirit of pride and responsibility in the engineering profession, to bridge the gap between training and experience, and to present to the public a visible symbol identifying the engineer. The first Ring Ceremony was held on June 4, 1970 at Cleveland State University. Others like it have since spread across the United States at which graduate and registered engineers are invited to accept the Obligation of the Engineer and to wear a stainless steel ring.

The Ring Ceremonies are conducted by Links (local sections) of the Order. Over 2,100 engineers have participated in ASCE led Ring Ceremonies since Spring 2003.

More information on the Order of the Engineer can be found at [www.order-of-the-engineer.org](http://www.order-of-the-engineer.org).

Participants at the Ring Ceremony will take the Obligation of the Engineer and receive a stainless steel ring. The cost will be \$15. We will assist you in determining the proper ring size prior to the ceremony.

**For additional information on the Ceremony and to obtain a registration form, please contact:**

**Robert Laner Jr. at**  
**rlaner@Langan.com**  
**(201) 661-8971**  
 or  
**Alicia M. Mahon at**  
**mahon.alicia@gmail.com**



## CTG Tour of The New Meadowlands Stadium

On April 16th the Construction Technical Group (CTG) held a tour of the New Meadowlands Stadium. It was a beautiful spring afternoon and a well attended event with nearly 50 participants. After the tour CTG hosted a networking event at the Grasshopper Restaurant in Carlstadt.

Overall the day was a great success! CTG would like to thank Skanska USA for this wonderful opportunity to tour one of the areas major construction projects.

Some Facts from the Contractors Site (SKANSKA):  
The design-build contract of the New Meadowlands Stadium involves the construction of a technologically

advanced open-air sports and entertainment venue. The structure will have a spectator seating capacity of 82,000, including 217 luxury suite boxes. The new stadium will be the home field for the New York Giants and the New York Jets, the first facility built specifically to accommodate two National Football League teams. Additionally, the multi-purpose stadium will be used for concerts and other entertainment and sports activities.

**Market Segment:** Sports / Entertainment Stadium

**Contract value:** SEK 7.4 billion **USD:** 998.0 M

**Start:** 2007

**Completion:** 2010



## NORTH JERSEY BRANCH TECHNICAL GROUPS

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

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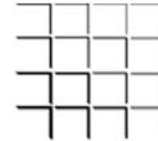
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