

METROPOLITAN SECTION NEWS

MARCH 2016

THE ASME METROPOLITAN SECTION RESUME & INTERVIEW WORKSHOP

Written by Mr. Edward Ecock

On Saturday, February 6, 2016, the ASME Metropolitan Section conducted a Resume and Interview Workshop at The Cooper Union, located at 41 Cooper Square, New York, NY. The targeted audience for this workshop was college students and engineers in the early stage of their careers. There were twenty-five attendees including student members from four local universities - The City College of New York, The Cooper Union, NYU-Polytechnic Institute, and the New York City College of Technology. Also in attendance were nine ASME members at various stages of their careers - from recent graduates to others with over forty years of work experience in engineering.

The workshop began at 9:00 am and was kicked off by Mr. Edward Ecock, who introduced himself as the Metropolitan Section's Chair of Meetings and Programs. Mr. Ecock thanked the ASME Old Guard Future Mechanical Engineering Programs Committee for providing a grant for the workshop, in addition to The Cooper Union Student Section for hosting the event. He then discussed the agenda for the day and introduced Mr. Ahmed Zaza - the Chairman of the Metropolitan Section. The workshop leader, Ms. Beverly Daniel, was introduced with the following brief biography presented by Mr. Ecock:

"Beverly R. Daniel, MS, MBA, is the founder of the Career Growth Group, and is a well-known career coach who has helped numerous professionals to chart their own careers and plan career growth through her career coaching services. Ms. Daniel has more than 23 years of experience in Executive Search and Human Resources Management Consulting".

Ms. Daniel began by having all of the attendees introduce themselves, and indicate where they were from and what their expectations were for the workshop. Using PowerPoint and free-style lecturing, she began with a discussion on the origin of the word resume, and presented information on resumes emphasizing their purpose and importance.

Ms. Daniel then elaborated on the basic elements of a resume - the objective, education, work experience, achievements and awards, volunteer work, and hobbies and interests - explaining the importance of each element and giving examples. She engaged the audience by asking questions regarding their work experience, hobbies, and special interests with the potential to attract the attention of Human Resources personnel or an employer.

Ms. Daniel continued by emphasizing the need for each person to differentiate themselves from their peers, and followed up with examples. She distributed reading material, which included a list of action verbs that was specifically tailored for resume writing. Resume worksheets were distributed and small work groups formed as participants filled out the worksheets, during which time she visited each group providing guidance.

The second portion of the workshop, which began after lunch, focused on interviews. Ms. Daniel described the various types of interviews, and what to expect and how to act during each one. She reviewed phone, skype, and in-person interviews in detail. Additionally, she discussed how to prepare for each type of interview, and the research that needed to be

done about the company as well as about the interviewers themselves. She instructed the audience on the proper dress and behavior, what mistakes to avoid, and finished up the discussion with recommendations on following up after an interview.

Workshop Participants Working In Groups



Before the audience was dispersed, Ms. Daniel invited participants to ask any further questions, leading to a lively and informative discussion.

At the conclusion of the event, Mr. Ecock thanked Ms. Daniel, The Cooper Union, and The ASME Old Guard Future Mechanical Engineering Programs Committee for making the workshop possible.

The workshop was a success and plans to repeat this type of event on a periodic basis are ongoing.



A Lively Discussion of Preferred Interviewing Techniques & Recommendations

THE 2016 ENGINEERS' WEEK CELEBRATION IN NEW YORK CITY

Written by Mr. Rudi Sherbansky

In anticipation of the annual celebration of Engineers' Week in New York City, on Thursday, February 18, 2016, the New York City Mayor's Proclamation Ceremony was held at the NYU Tandon School of Engineering (NYU-Polytechnic) in downtown Brooklyn, New York. The Proclamation Ceremony was conducted by Salvatore Galletta, P.E. (MESC Program Chair). Following the presentation, Wasyl Kinach, P.E. (MESC Chair) and Richard S. Thorsen, Ph.D. (Department Chair and Vice President Emeritus, Mechanical and Aerospace Engineering, NYU Tandon School of Engineering) welcomed the attendees and introduced the participants.

With February 21 - 27, 2016 declared "Engineers Week" in the City of New York, NYC Mayor Bill De Blasio's Proclamation provided a glimpse of his vision for the City, stating, "My administration is dedicated to building a brighter future for every New Yorker. Our ambitious plan to create one New York that works for all our residents centers around our vision for a safer, cleaner, more sustainable city. This means building more affordable housing, reinforcing our coastline and developing systems to increase our resiliency, improving our roadways, introducing new transportation methods like streetcars, and supporting our thriving technology sector. Engineers are essential to achieving these goals, and this week, together with the Metropolitan Engineering Societies Council, we are pleased to join with all New Yorkers in celebrating these talented professionals".

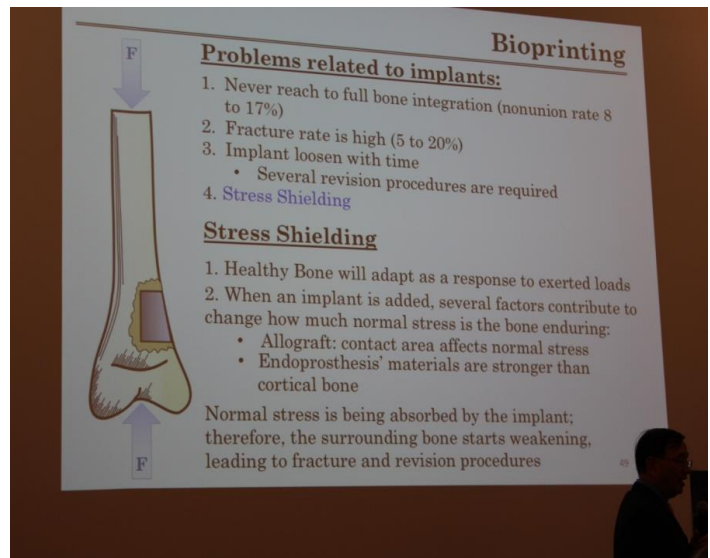
The Dinner-Lecture Engineers' Week event was organized by the Metropolitan Engineering Societies' Council (MESC) - an umbrella organization consisting of 23 local Engineering organizations and local sections of various National Engineering Societies. Founded in 1951 by the National Society of Professional Engineers, Engineers' Week is an annual celebration that recognizes the achievement of Engineers. It is held close to the birthday of George Washington in honor of his engineering work as a land surveyor, military engineer, and his role in establishing the U.S. Army Corps of Engineers.



NYC Mayor Bill De Blasio's Proclamation Is Displayed at the NYC Engineers' Week Ceremony

Introduced by David Weiss of IEEE, the featured speaker for the evening was **Dr. Imin Kao (Associate Dean, College of Engineering and Applied Sciences, Stony Brook University)** who discussed 'Robotics Applied to Medical Resection and Rehabilitation'. Dr. Kao is a Professor in the Department of Mechanical Engineering at Stony Brook University, where he is also the Director of the Systems Engineering and Integration Laboratory. He conducts research in Microsystems, Intelligent Fault Detection and Diagnosis, Robotics, and Intelligent Contact Interface.

In his lecture titled “Engineering of Mechanical and Electronic Systems for Robotics Research as Applied in Medical Resection and Rehabilitation”, Dr. Kao discussed how Robotics research has made it possible for engineers and researchers to model and control articulated manipulators, such as hands and fingers. He went on to discuss how Robotics encompasses applications in Mechanical, Electrical, and Biomedical Engineering, as well as in Computer Science. The presentation also detailed advances in Engineering Theory, CAD, and 3D printing, and detailed how medical imaging and signal processing have facilitated innovative solutions for surgery and rehabilitation.



Dr. Imin Kao Gives Presentation on Robotics Research



Dr. Imin Kao, Featured Speaker, Takes Photo With Attendees



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