Opening Night
Thursday, September 17, 2015 - 6:00 pm

SPEAKER:
DR. JAY TALSANIA
Orthopedic Associates

TOPIC:
What is the Function of a Hand Surgeon?

Prior to attending medical school, Dr. Talsania received an undergraduate degree in Mechanical Engineering. This combination of engineering and medicine gives him a unique perspective in the treatment of his patients because he has such a strong understanding of the biomechanics of the musculoskeletal system.

A native of Southeastern Pennsylvania, Dr. Talsania was the first fellowship-trained hand surgeon in the Lehigh Valley and joined OAA in 1997. His practice is devoted to the management of the hand and upper extremities. He has extensive experience in the surgical and non-surgical care of: fractures of the elbow, forearm, wrist and hand; arthritis of the wrist, thumb and fingers; flexor and extensor tendon injuries; chronic and acute wrist pain and tendonitis problems; nerve compression syndromes (cubital, carpal and radial tunnel); tumors, and infections and reconstruction of arthritic conditions.

Dr. Talsania is committed to research and education and has published several articles on hand surgery topics. His research has also been published in peer review journals. Most importantly, Dr. Talsania is committed to patient education, as well as educating the community, physicians and therapists in the recognition and treatment of hand disorders.

Technical Chairperson: Tim Steber, Solar Atmospheres, Inc.

Meeting Sponsors: Craig Clauser Engineering Consulting Inc. and Rex Heat Treat

Menu: Roast Top Sirloin of Beef, Chicken Parmesan, Penne with Peppers, Garlic & Onion, Classic Caesar Salad, Oven Roasted Red Skin Potatoes, Vegetable Medley, and Ice Cream Cake with Chocolate Sauce.

Social Hour: 6:00 - 7:00 p.m.    Dinner: 7:00 p.m.

Prices: Members & Guests: $35.00; Retirees: $24.00; Students: $15.00

Spouses and guests are invited and welcome. Meetings held at Williamson Banquet, on the corner of Rt. 611 (Easton Road) and Blair Mill Rd., Willow Grove, PA 19044

Meeting Registration: PLEASE NOTE**: All reservations must contact Trevor Jones at 215-721-1502 ext 1220 or on our website at http://philadelphia.asminternational.org no later than 1:00 PM on the Tuesday before the meeting to guarantee dinner availability.

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It's that time again - time to kick off another great year for the ASM Philadelphia Liberty Bell Chapter. I hope everyone had a relaxing and enjoyable summer, and is ready for our first chapter meeting of the year on Thursday, September 17th.

Our first meeting will be a joint gathering with ASNT, and our speaker is Dr. Jay Talsania. Dr. Talsania spoke at our chapter meeting on a cold February evening two years ago, and he was a very engaging and dynamic speaker. He had many great stories and a fantastic slideshow presentation to accompany his dialogue.

I would recommend bringing a friend or colleague to our meeting on the 17th to see Dr. Jay Talsania.

As this year's chapter chairperson, I am excited to be a part of the group of people that make the Liberty Bell chapter successful. If there is anything that I can help with throughout the year, please let me know.

Respectfully,
Jamie Jones
2015 – 2016 Chapter Chairperson

2015-2016 Upcoming Events...

9-17-15 Thursday Opening Night, Topic: What is the Function of a Hand Surgeon?, Williamson Banquet, Willow Grove, PA
11-19-15 Thursday Young Members Night, Topic: TBD, Williamson College of the Trades
1-21-16 Thursday Sauveur Award Night, Topic: Manufacturing of Pharmaceutical Tablets, Williamson Banquet, Willow Grove, PA
2-18-15 Thursday Continuing Education Night, Topic: Determination of the Degree of Thermal Exposure to Lower Head of 3-Mile Island Unit 2

Welcome New Members...

Caleb Bonila Navair – Lakehurst
Glen Caddy Penn Sharpless Products
Timothy DeHennis Boeing
Sean H. Lynch Lehigh University
Alex Jennion Owen J. Roberts High School
Jonathan Winder Navair – Lakehurst

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2015 Materials Camp

Another year and another fantastic class of high school students that attended the Materials Camp® - a collaborative effort between Drexel University’s Department of Materials Science and Engineering (MSE) and the Philadelphia Liberty Bell Chapter of ASM. The camp was hosted by Drexel the week of June 22-26 and was free to the 28 students selected (from 90 applicants) that had recently completed their sophomore or junior years. Some spots were also offered to winners of the Delaware and Brandywine Valley Science Fairs.

The faculty and graduate students from Drexel’s MSE Department led the class through an exciting combination of classroom and hands-on laboratory sessions and demonstrations. They experienced all phases of Materials Science and Engineering and put into practice the acquired knowledge in a team activity - the design and construction of a small composite beam called “Composites for a Buck”. Working in teams of four, the students were all provided with the same materials (metals, composites, fibers and epoxy) and given a design spec. The project’s goal was to design and build a beam to achieve the highest strength-to-weight ratio in a 3-point bend test. This year’s winning ratio was 7.4kg/g!

On the Wednesday of the camp, Boeing’s Materials Engineering Group conducted tours of their materials department, exposing the class to real-life materials testing and failure analysis in the Materials Lab, and of the CH-47 Chinook helicopter assembly line. After the tours, our friends from Boeing conducted several classes back at Drexel. Boeing has been a faithful sponsor of the camp since its inception and has been critical to the success and growth of the camp.

Materials Camp® provides us with the opportunity to expose eager young minds to the exciting field of Materials Science and Engineering. By the end of the week, many of the class expressed interest in pursuing careers in the field, some of whom were originally interested in other fields. The overwhelmingly positive results of the post-camp survey attests to the impact the experience had on the students, and the appreciation they have gained for the importance of materials in society. We gratefully acknowledge and thank Drexel University, Department of Materials Science & Engineering and Boeing Rotorcraft for making available their facilities and staff. The following companies and individual provided financial support which enables ASM Philadelphia to conduct this very beneficial program. Without their generosity, Materials Camp® would not be possible.

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Awards Announced at May 2015 Meeting

The following awards were announced at the May meeting:

- Delaware Valley Materials Person of the Year: Dr. Kalathur Narasimhan
- Adolph Schaefer Special Achievement Award: Roger Jones
- Meritorious Service Award: Richard Knight
- Outstanding Company Support Award: Henry M. Rowan Family Foundation
- Philadelphia Chapter Distinguished Service Award: Jeff Waldman
- President’s Award: Sarah Mansuetti
- Young Member Award: Nick Cordisco
- Materials Engineering Assistant’s Award: Jonathan Conway

The following two awards will be presented in 2015-2016:

- William Hunt Eisenman Award: Mark Podob
- Albert Sauveur Lecture Award: Antonios Zavaliangos

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