



VIRTUAL
SUSTAINING MEMBERS NIGHT
THURSDAY, APRIL 15, 2021

PHILADELPHIA LIBERTY BELL CHAPTER
NEWSLETTER
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Speaker:
PROFESSOR AND
DEPARTMENT HEAD
MATERIALS SCIENCE
AND ENGINEERING
DREXEL UNIVERSITY

Dr. Steven May is professor and department head of Materials Science and Engineering at Drexel University, having joined the department in 2009. He received a B.S. in Engineering Science and Mechanics from Penn State University and a Ph.D. in

Materials Science and Engineering from Northwestern University. Following his doctorate, he was a postdoctoral researcher at Argonne National Laboratory in the Materials Science Division. His research focuses on the synthesis of novel electronic and magnetic materials in thin film form and characterization of their functional properties for potential use in next generation information processing, data storage, or energy devices. He has received the NSF CAREER award, an ARO Young Investigator Award, the Ross Coffin Purdy Award from the American Ceramic Society, and the Bradley Stoughton Award for Young Teachers from ASM International. Within MSE, Steve has served as the department head since summer of 2020.

Presentation Overview:

Materials Science and Engineering at Drexel: Where We Are and Where We're Going

In this talk, I'll provide an overview of the academic and research activities within the MSE department at Drexel University. I'll begin by providing some historical perspective on the department's evolution, from significant contributions to metallurgy within its first few decades to today's increasingly expansive academic and research agendas focused on engineering all different classes of solids to enable scientific discovery and technological progress across society. The distinguishing aspects of our MSE academic programs will be described, as will the current areas of research emphasis within the department. I hope to end the talk with an open discussion of the future of materials science and engineering as a discipline. How can the community raise its visibility to grow student populations to fill materials engineering jobs? Is the field conveying the positive impact that materials engineers make on society at large? How do we ensure that our discipline fits the ambitions of today's most motivated, curious, and enterprising students?

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MESSAGE FROM THE CHAIR

April 2021



The "Virtual" April meeting for the Philadelphia Liberty Bell Chapter of ASM is approaching. Last month's virtual joint general meeting with the Brandywine Valley Chapter was a success with a sizable turn out from both Chapters. Current ASM International President Diana Essock gave an informative presentation on "ASM International – Past, Present, and Future;

Dedication to the Worldwide Materials Community". Thank you to Dr. Sumedh Gostu, Chair for the Brandywine Chapter, for taking the lead and making the meeting a success.

This month as part of the Philadelphia Chapters University Outreach Initiative we will have Dr. Steven May, Professor and

Department Head Materials Science and Engineering Drexel University, talking about "Material Science and Engineering at Drexel: Where We Are and Where We're Going".

All are welcome to join in so if you know anyone interested please forward the meeting link that is the main body of the e-mail. I am encouraging every one jump on early. We will be having our Happy Networking Hour starting at 6:30pm.

If anyone is interested in getting more involved in the chapter please let me know. I can provide a link to our Executive and Officers meeting. You can sit in and be a virtual fly on the meeting wall.

Respectfully,
 Alan S. Fabiszewski
 2020 – 2021 Chapter Chairperson

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