

GRK 2802 – Invited Lecture

Professional Development for Engineering PhD Students

Lecturer:

Diana Essock, FASM (Former President ASM International, USA)

<https://www.asminternational.org/>

Date: September 06, 2023

Time: 9:30 - 11 a.m.

Venue: Lecture Hall EG133 (ZeHS, Winkler-Str. 5)

Abstract:

Preparing for a successful career in engineering requires sound technical training as well as the development of a broad range of skills. What are these additional competencies, and how can they help you stay on the right path and prosper? There are essential key abilities that are important to foster in your early career which can lead to a rewarding future.

Starting with your time at university and as your career unfolds, what resources are available to support you, and what can you do to make them work for you? Technical Societies provide a source of the most current technical developments, and a forum to help you develop the essential skills to further your career.

The Past President of one of the largest engineering Societies will share her personal career development and provide insights on skill development and reaping the maximum rewards from active participation in the technical community. She will share the benefits technical Societies offer and the advantages you can gain through your dedicated involvement with the worldwide technical community.

Curriculum Vitae



Diana M. Essock is the retired President of Metamark, Inc., a marketing and technology consulting company focused on the advancement of innovation and emerging technologies for organizations engaged in the metals and materials industry. For over 40 Years, Diana has been an active member of ASM International, the world's largest and most established materials information technical society.

With her many technical and service awards and patents, Diana was selected to be a Fellow of ASM International. Her work has been published in technical handbooks and periodicals and she has presented at numerous technical conferences. Diana was elected the ASM International 2020 – 2021 President.

Diana received her B.S. in Materials Engineering from Case Western Reserve University (CWRU), and an M.S. in Metallurgical Engineering from The Ohio State University. She went on to earn an Executive MBA from Baldwin Wallace College and received certification in Strategy & Innovation from CWRU's Weatherhead School of Management.

With a combination of technical abilities, extensive business experience and in-depth knowledge of the materials industry, Diana has worked in the area of new product and market development. She has created alliances and partnerships with universities, government agencies and industry. Her career in industry has included positions in such leading corporations as Foseco Metallurgical, General Electric and TRW, Inc. She has extensive international technology development and commercialization experience in North and South America, Europe, and Asia.