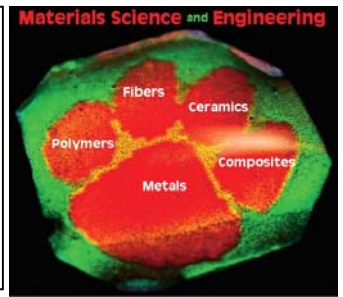


Seminar Series

Sponsored by
School of Materials Science and Engineering
Thursday, March 29, 2007
5:00 PM – Room 200 Olin Hall



Teeth – truly amazing engineering structures

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Abstract:

This seminar will review the structure and properties of teeth and supporting tissues with an emphasis on the underlying engineering problems they must solve. In addition, the strategies used to provide long-term, successful artificial replacements of tooth structure will be reviewed, as well as a glimpse of what the future may hold. These topics will definitely be something you can “sink your teeth into.”

Bio:

Dr. Rueggeberg's undergraduate degree in Biology was obtained from the University of Delaware, his dental degree was received from Emory University, and his Master's degree in biomaterials was attained at The University of Michigan. He has worked as a practice associate as well as has owned and operated a private dental practice in Seaford, Delaware. He is currently a tenured Professor and Section Director of Dental Materials in the Department of Oral Rehabilitation at The Medical College of Georgia. His research interests focus on photo-polymerization of dental restorative resin systems, and more recently, the use of light as a diagnostic and therapeutic tool in the oral cavity. He has authored and co-authored over 110 articles in peer-reviewed dental research publications, and serves on the editorial review board for a number of journals. He has lectured extensively nationally as well as internationally in the field of dental photo-activated materials and instruments, and has worked with industry in the development and testing of new equipment.