The Salon

Friday, March 22
3:00-5:00 PM, LTC Studio
Susan Saliba

Making Room for the Nonstructural

Ever try to crack an oyster?
Imagine oyster-shell biomaterial grown onto metal to protect it from corroding!

Should I change my oil?
Imagine a smart dipstick telling you whether it's time…or if it can wait!

Sound like science fiction?

These innovations and more have taken shape right here at UD. On March 22 our provocateur, Susan Saliba from UDRI will help us learn about marvels of science being developed right here and being recognized around the world. Contemplate the impact the UD community has on the world – and discuss ways that your discipline could be affected by scientific advances.

Currently, Saliba manages over 60 research staff with an annual budget exceeding $10M focused on conducting research efforts for industry and government dealing with various nonstructural materials, including coatings, fluids, lubricants, sealants, elastomers, adhesives, and thermal materials. Also, the division is responsible for research efforts in the areas of materials degradation, corrosion, and biomaterials. In addition, Susan serves as Director of the NEST Laboratory (Nanoscale Engineering Science & Technology Laboratory). Saliba has over 25 years of experience in developing solutions for nonstructural materials in aerospace applications; over 12 years of experience in the fabrication, evaluation, and failure analysis of composite materials; over 15 years of experience in the evaluation and failure analysis of elastomeric materials; and over 15 years of experience in the development and testing of specialty materials.

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