



Seminar Announcement: **May 8, 2017**



*The Science of Materials:
Impactful Solutions to Big Global Challenges*

Dr. A.N. Sreeram
Senior Vice President & Chief Technology Officer
The Dow Chemical Company

12:15 pm – 1:45 pm (with refreshments at 11:45)
6-120

Humanity faces a number of big challenges. Providing energy that is safe and clean. Providing water to a thirsty planet. Feeding a growing global population. Protecting and preserving nature and the modern infrastructure. Dow Chemical is a world leader in the application of chemistry and material science, uniquely positioned to address big global challenges. Technologies that reduce energy use, provide clean water, make cars safer and more efficient, protect and preserve crops, and protect and preserve food are some of the examples of the impactful technologies made possible by mastery of material science. Most critically, Dow translates innovation to commercial scale so that the impact of technology advancements on global challenges can truly be met.

In his current role, Sreeram leads a vibrant R&D organization to ever greater efficiency, productivity and market focus. Sreeram has been a transformative force at Dow through his support of high-throughput experimentation and customer intimacy to insure product success. Sreeram ensures that Dow has a seat at the design table and insists that high value projects are the focus. He drives the innovation pipeline, keeping it closely aligned to strategic growth areas, generating new solutions to global challenges, and empowering Dow researchers to excel. Sreeram's transformation of R&D gives Dow a distinct market advantage, enabling the company to more quickly develop products, ensuring that new products meet customer needs, and rapidly commercializing new innovations into near-certain markets.

Products developed under Sreeram's leadership have been recognized with many awards for innovation, including R&D 100 Awards, Edison Awards, and the Presidential Green Chemistry Challenge. Examples include SILVADUR™ Antimicrobial technology for fabrics, EVOQUE™ pre-composite polymer for paints, low-energy FILMTEC™ ECO Reverse Osmosis Elements for water purification, and BETAMATE™ structural adhesive for automotive applications.

Prior to joining Dow, Sreeram served as the Global Technology Director and Chief Technology Officer for DuPont Electronic Technologies. He has also served as Vice President of Worldwide Technology for Cookson Electronics, and led the Electronic and Flat Display Program for Sarnoff Corporation.

Sreeram holds more than 20 U.S.-issued patents and earned his Ph.D. from MIT's Materials Science & Engineering Department, his master's degree in Glass Science from Alfred University in New York, and his undergraduate degree from the ceramics engineering program from the Indian Institute of Technology – BHU in Varanasi, India.