



UNIVERSITY of VIRGINIA

Institute for Nanoscale and Quantum
Scientific and Technological Advanced Research

nanoSTAR Spring Symposium



Presenting **Prof. Mark Ratner**
Keynote Address at Opening Reception
“Nano 2009—Some Directions”

May 31, 2009, 5:00pm

Please join us Sunday Evening, at the University of Virginia Rotunda for a Keynote address by Mark Ratner, Morrison Professor of Chemistry and Professor of Materials Science and Engineering at Northwestern University and a member of the National Academy of Science. Welcome Reception, immediately following.

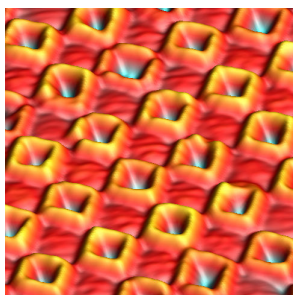
nanoSTAR Symposium

The nanoSTAR Spring Symposium will showcase the nanotechnology activities at the University of Virginia with three simultaneous technical sessions in *Nanoelectronics*, *Nanotechnology for Energy and the Environment*, and *Nanomedicine*. The afternoon will also include insights from an *Industry Panel*, a poster session and optional laboratory tours.

[Registration](#)

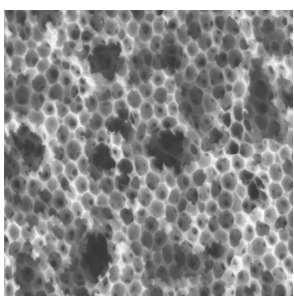
**June 01, 2009
8:00am-5:00pm**

Symposium Technical Sessions:



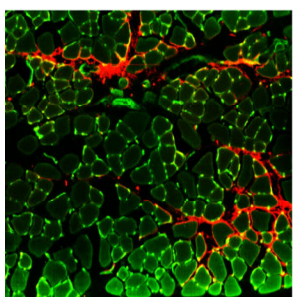
Nanoelectronics

With the continued demand for faster and smaller electronics, the physical limitations of existing technologies is swiftly approaching. UVa researchers are pushing the frontiers in collaboration with industry to explore the Leading technological candidates that will become the foundation of the future generations of electronics.



Nanotechnology for Energy and the Environment

The ever increasing need for energy while protecting the environment is one of the greatest challenges of our time. UVa scientists and engineers are working toward solutions which will address the generation of electricity and fuels with greater efficiency and utilizing alternative sources, such as biorenewables, fuel cells, and photovoltaics.



Nanomedicine

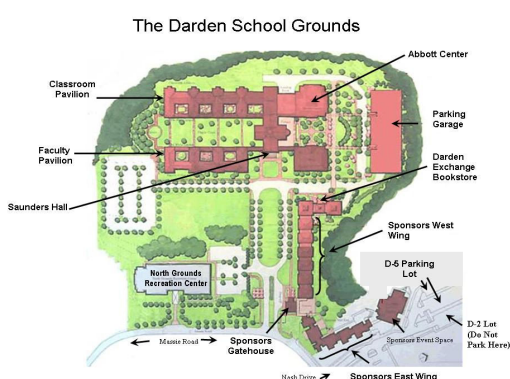
Nanotechnology will enable astounding advances in medicine. UVa scientists, engineers, and doctors are working together to realize the potential that the intersection of nanotechnology and biotechnology presents. Areas under investigation include the study of cancer, heart disease, viruses, detection of biological agents, cellular biology and regeneration of soft tissue and bone.

Industry Panel:

More information coming soon!

Poster Session:

More information coming soon!



- > [Agenda](#)
- > [Hotel Information](#)
- > [Driving Directions](#)

[Darden](#)

[The Rotunda](#)

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or call 434-982-5892