

**This is a FREE science lecture, suitable for the general public, teachers and students of all ages: no registration necessary.**

Please Note: Teachers receive certificates of attendance for one hour toward Professional Development credit for attending this talk.

**Thursday, November 19, 2009**

7:30-9 p.m.

Monroe Lecture Center, California Avenue, South Campus

## **The World Trade Center Site: New Perspectives on New York City Geology**

Unique geological discoveries have been made during recent excavations of the World Trade Center site. Visits to the site during blasting and construction as well as the study of mapped and collected samples have allowed a new interpretation to emerge concerning the bedrock geological development of Manhattan. Learn how the new construction effort has offered a wealth of geological information that has changed the geologic interpretation of New York City and surrounding areas.

### **About the Presenter:**

Dr. Charles Merguerian is recognized as the leading authority on the geologic structure and tectonics of the New York City area. He is chair and professor of geology at Hofstra University, and CEO of Duke Geological Laboratory in Westbury, New York. In the past decade his research efforts have focused on field- and tunnel-mapping and laboratory research on the subsurface structure of New York City and surrounding areas.