



ACS Local Section
New York
Long Island Subsection

The Long Island Subsection of the American Chemical
Society Presents the
2024 Holiday Dinner and Seminar

**Meteorites on the Ice: The Antarctic Search for Meteorites
(ANSMET) 2023-2024 Field Season**

Dr. Jon M. Friedrich

Professor

Department of Chemistry and Biochemistry
Fordham University

Thursday, December 5th, 2024

6PM dinner followed by seminar

Nassau Community College

CCB Building, Room 252

(Register by December 2nd noon)

[Click here or scan QR code to register](#)



Abstract: ANSMET (Antarctic Search for Meteorites) is a program funded by NASA and supported by the National Science Foundation that looks for meteorites in blue ice areas of the transantarctic mountains. The 2023-2024 field season marked a return to the field since the end of the COVID-19 pandemic. The team camped at the Davis Nunataks-Mount Ward site in the Dominion Range of Antarctica and worked there for several weeks to recover over 200 meteorites. All of the meteorites collected by ANSMET become part of the US Antarctic Meteorite Collection and are curated for the purpose of research and public education. I will give a short history of ANSMET, a summary of the 23-24 ANSMET field season, and give the audience an idea of what it is like to live and work in Antarctica at McMurdo Station and at a deep field site.

Biography: Jon Friedrich earned a B.S. in Chemistry from the University of Minnesota and a Ph.D. in Analytical Chemistry from Purdue University. After post doctoral studies at the Max Planck Institute for Chemistry in Mainz and in the Department of Earth and Planetary Sciences at the American Museum of Natural History of NY, he began at Fordham University in the Department of Chemistry where he remains today. He was a co-convenor of two symposia at National ACS Meetings which resulted in proceedings volumes titled Chemical Evolution Across Space and Time. He has recently finished a term as Chair of the Meteorite Subcommittee of ExMAG (Extraterrestrial Materials Analysis Group) which provides assessment and analysis for all aspects of current and future Antarctic meteorite sample curation.

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