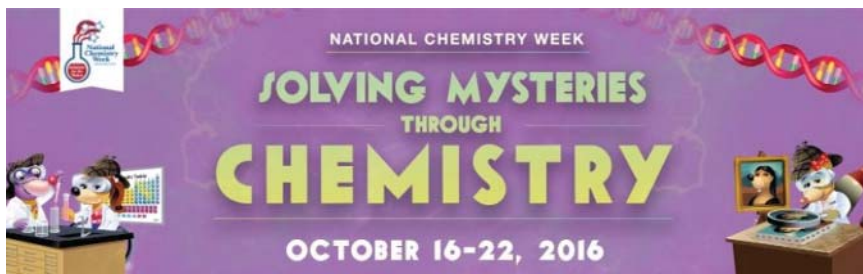


SOLVING MYSTERIES THROUGH CHEMISTRY WITH THE NORTH JERSEY SECTION



The National Chemistry Week 2016 theme was **"Solving Mysteries Through Chemistry"**, focusing on the chemistry of forensics and more. In celebration of National Chemistry Week at Liberty Science Center, Jersey City, New Jersey, on Saturday, October 22, 2016, the concerted effort of more than 275 volunteers from academia and industry, and students at local colleges, universities, middle and high schools in North Jersey made the 22nd celebration of ChemExpo a huge success. Approximately 800 visitors solved hands-on chemistry mysteries including secret messages with acid base indicators, mystery chromatography, chemiluminescence, ink chromatography, powder analysis, GC/IR Pattern matching, fingerprint analysis, UV fabric experiments, emulsion making, and making DNA models with candy.



Sister Marian José Smith Undergraduate Public Outreach Award

For the seventh year in a row, Chemistry Chapters from local institutions competed for the Sister Marian José Smith Undergraduate Public Outreach Award. The group of students from Drew University was awarded the first place for their highly interactive and enthusiastic presentations at ChemExpo with the students from Fairleigh Dickinson University earning second place and the third place winner were presenters from New Jersey City University. J.P. Stevens High School from Edison was given a certificate for their outstanding presentation and Linden High School was recognized



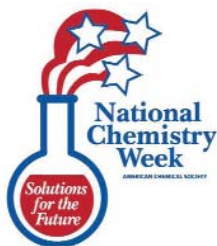
for their consistent participation in ChemExpo. The seventh grade students from Elisabeth Morrow School in Englewood were recognized as the youngest group of presenters. The teachers from these pre-college groups were each given a chemistry wall clock. These gifts and awards are funded by the North Jersey Section. Our gratitude goes to judges Keisha Stephen, Nidhal Marashi, Luci O'Reilly, Debra Sweet, Tomeka Saxon, Donovan Thompson, who selected winners in our competitions.

(continued on pages 8 and 9)

SOLVING MYSTERIES THROUGH CHEMISTRY WITH THE NORTH JERSEY SECTION

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Generous donations from three corporations, Infineum USA L.P., SPEX CertiPrep, and BASF helped defray the costs of holding such a large event. The North Jersey Section is indebted to members of the NJACS Executive Board, the ChemExpo 2016 Steering Committee, retired chemists, chemistry teachers at the participating universities, colleges, middle and high schools, and representatives from various chemical companies for making this event highly successful.



**ChemExpo 2016
Steering
Committee**
Monica Sekharan
Mita Chaki
Marilyn Gorman
Miriam Gulotta
Sandra Keyser



*(All photos courtesy of Sandra Keyser,
Luciano Mueller, and Siva Prasad)*



