



Don Forschmidt

Attending the subway opening were, from left to right: David L. Gunn, NYC Transit Authority President; Brian Sterman, Urban Mass Transit Administration; City Councilman Bob Dryfoos; MTA Board member Ronay Menschel; President Shalala; and Assemblyman Mark Alan Siegel.

CUNY Laboratory Dedicated By Local Scientists

Prominent chemists, biochemists, biologists, and physicists gathered at Hunter this month to hear Dr. Mildred Cohn ('31) of the Fox Chase Cancer Center in Philadelphia and Dr. Edwin D. Becker of the National Institute of Health discuss nuclear magnetic resonance spectroscopy—a rapidly growing scientific technique that enables scientists across the disciplines to analyze the structure and dynamics of molecules.

Dr. Cohn's and Dr. Becker's lectures were part of an afternoon program to dedicate CUNY's new nuclear magnetic resonance spectrometer, a high-powered instrument that is housed in a temperature-controlled room in Hunter's North Building. The spectrometer, worth approximately \$400,000, was acquired by a consortium of CUNY faculty whose proposal was funded in part by the National Science Foundation.

Three CUNY colleges—Queens, City, and Staten Island—have their own spectrometers, but all are less powerful than the CUNY instrument at Hunter, which contains a superconducting magnet with a magnetic field of 94 kilogauss—a characteristic that makes possible complex analyses of a molecule's composition and capabilities.

The uses of the instrument are extensive, according to Dr. Michelle Broido, assistant professor of chemistry at Hunter. With it, organic chemists are gaining valuable structural information about small organic molecules, and biochemists are learning how drugs bind to nucleic acids.

Biologists and physicians conducting cancer research are using NMR techniques to differentiate between cancerous and non-cancerous cells, and industrial chemists are studying the characteristics of such natural resources as oil and coal.

Subway Station Revitalized

The newly renovated 68th Street-Hunter College subway station, where students and other commuters catch either the uptown or downtown IRT No. 6 train, was dedicated during a mid-morning ceremony held last month on the subway's mezzanine level below the plaza of Hunter's West Building.

Ulrich Franzen & Associates—the architects who planned Hunter's new 17-story towers—designed the station to flow logically underground from the College's new plazas on the downtown corners of 68th Street and Lexington Avenue. Thus, the station's stairways and walls are constructed with pink granite to match the plazas. The station's aluminum graphics and railings also continue the themes of the new towers.

The station's enlarged mezzanine, composed of gray and red ceramic tile, contains a waiting area where passengers can sit and view the track below through a glass panel before descending to the track level. The waiting area is spacious and in full view of the token booth. An aluminum ceiling and brushed aluminum gates and posts add to

the mezzanine's bright openness.

An additional passageway leads directly from the B1 level of Hunter West into the station's mezzanine. The old tunnel connecting the station with Hunter's North Building has also been restored. The widened stairway linking the station's mezzanine to the street-level plaza outside Hunter's West Building includes a large tree that rises from an open, subterranean garden.

The station's renovation was sponsored by Hunter College under the Adopt-A-Station program of the Metropolitan Transit Authority. A large part of the funding came from the Urban Mass Transportation Administration of the U.S. Department of Transportation. The balance was raised by Hunter from other institutions served by the subway and from generous business and residential neighbors. The contributors include New York Hospital and Cornell University Medical College, Memorial Sloan-Kettering Cancer Center, The Rockefeller University, and Marymount Manhattan College.

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