



SPECIAL PATHOLOGY SEMINAR

INAUGURAL JAY JOHN LISTINSKY ENDOWED LECTURE IN GLYCOBIOLOGY

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**“Carbohydrate Signaling in Neurobiology and Cancer”**

Wednesday, December 10, 2014

2:00 p.m.

Margaret Cameron Spain Auditorium

Objectives:

1. Participants will be able to describe the synergistic application of organic chemistry and glycobiology to elucidate new functions for specific carbohydrate molecules.
2. Participants will be able to discuss chemoenzymatic methods to detect and study glycosylation, including fucosylation and *O*-linked *N*-acetylglucosamine (*O*-GlcNAc) glycosylation.
3. Participants will be able to describe the roles of protein glycosylation in the regulation of neuronal communication and cancer metabolism.

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