

*The Center for Inclusive Education presents:*

# RESEARCH CAFÉ

## SERIES



**Presenter: Jean Christian Brutus**

*PhD Student in the  
Mechanical Engineering Department*

**Title: Turbo Expansion Automotive  
Application**

**Synopsis:** Turbo expansion was introduced in 1950 as a way to reduce emissions and gas consumption. Until today, the concept has not been incorporated in the automotive industry. This presentation will introduce turbo charging and the specific application of turbo expansion to automotives.

**Biography:** Born and raised in Haiti, Christian moved to New York in the summer of 2004 to begin his undergraduate career. Christian got involved in turbo expansion research in 2006. He graduated with a bachelor's degree in Mechanical Engineering from Stony Brook University in May 2008. Christian is currently enrolled in the Mechanical Engineering Ph.D. program at Stony Brook and will obtain his master's degree in Mechanical Engineering in May 2010.

**January 21, 2010 at 12:30pm**

Center for Inclusive Education—Melville Library E-1340

Hosted by: Dr. Alexandra Corrales

RSVP requested: [CIE\\_GraduateSchool@stonybrook.edu](mailto:CIE_GraduateSchool@stonybrook.edu)

Lunch will be provided.

For a disability related accommodation, please call 2-1387

