The Center for Inclusive Education presents:

RESEARCH CAFÉ

Presenter: Paola Espinosa
PhD Student in the
Ecology and Evolution Department

Biography: Paola is a 4th year Ph.D. student in the Ecology and Evolution Department in Stony Brook University. She was inspired to study evolutionary biology as a child living in the Galapagos Islands. Paola was born in Queens NY and grew up in Ecuador, where she got her BS from the Catholic University of Ecuador. She is interested in vertebrate evolutionary change from a behavioral, phenotypic and genetic perspective. Before starting her doctorate Paola did research in Nazca Boobies reproductive behavior in Galapagos Islands, as well as macaques aging and hormonal effects in the brain at Emory University. Paola is also a conservation activist, and an active member of a sustainable community in Coastal Ecuador called “Ecoaldea Caimito”.

Title: Life history, geographic and environmental contribution to spatial genetic structure of poison dart frogs in tropical forest

Synopsis: Poison dart frogs are one of the most diverse classes of anurans in the tropics. Their evolutionary change is accompanied by a fast phenotypic change. I am using a population genetic approach to understand how differing life history and landscape have contributed to the genetic structure of two species of poison dart frogs: Dendrobates sylvaticus and Epipedobates boulengeri.

Thursday, February 25, 2010 at 12:30pm
Center for Inclusive Education—Melville Library E-1340
Hosted by: Dr. Alexandra Corrales de Eilers
RSVP requested: CIE_GraduateSchool@stonybrook.edu
Lunch will be provided.

For a disability related accommodation, please call 2-1387