

# Neuroscience and Behavioral Biology Studies in Paris – Summer 2009



## Program Information:

The Neuroscience and Behavioral Biology program is offering a unique opportunity to study in Paris for a 5-week program that will connect the rich history of French neurology with contemporary neuroscience research. Students will couple in-class discussions with a variety of extracurricular outings to locations that illustrate France's role in early Neurology (e.g. Hôpital de la Salpêtrière) and its current research interests (e.g. Institut Curie or La Cité des Sciences). In addition, students will have access to the food, culture and art of Paris, including visits to Versailles and Giverny and museum passes for the Parisian museums as a part of the program. Please note: NO FRENCH LANGUAGE PROFICIENCY IS REQUIRED. Required readings will be given to students prior to arrival in Paris to expedite classroom preparation. Classroom instruction will be conducted three hours a day for four days a week (Monday-Thursday) at the Accent facility in Paris, with excursions planned for Wednesday afternoons and some weekends.

**Approximate Program dates:** May 24, 2009-June 28, 2009

**Application deadline:** Applications will be accepted starting January 2. The deadline for receipt of applications is **February 2.**

**Language:** English

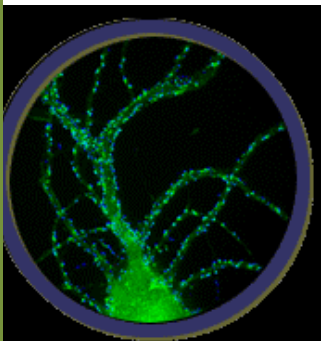
**Majors:** NBB and Biology

**Contact:** Program Directors, Keith Easterling or Kristen Frenzel c/o Nadia Brown, 404-727-4958, Nadia.Brown@emory.edu

## Eligibility requirements:

Vary depending on course offerings; GPA of 3.0 or higher. Good academic standing at least 18 years of age; completion of a full year of college; currently enrolled at Emory. Reviewed by faculty directing the program.

## Courses:

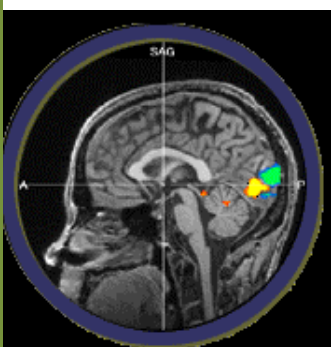


### NBB 401S: Topics in Neuroscience and Behavior - Easterling

Prerequisites (3): BIOL 141 & 142, CHEM 141 & 142, NBB201 or NBB301 or approved upper-level biology course

**\*\*Note:** This offering of NBB401 has been approved as a BIOL elective for BIOL Majors, but it does NOT fulfill the College GER writing requirement.

*Description:* The course will include a selection of current French "primary literature" in neuroscience. Students will examine data put forth by French investigators and then the class will discuss the findings with scientists currently working at different levels of inquiry within the area. A selection of classes will be devoted to special topics, such as the history of French Neuroscience, and the impact of nationalized healthcare on basic sciences.



### NBB 370: Molecular Mechanisms of Neurological Disorders - Frenzel

Prerequisites(3): BIOL 141 & 142, CHEM 141 & 142

**\*\*Note:** This offering of NBB401 has been approved as a BIOL elective for BIOL Majors

*Description:* This course will cover a range of topics in neurobiology with a focus on understanding the molecular underpinnings of neurological disorders. We will focus on a molecular and cellular understanding of the biological defects that then translate into the particular neurological disorder. Additionally we will use videos and magazine or newspaper articles to illustrate societal issues that are associated with the particular disorder. Readings will consist of primary research articles, reviews, newspapers and other lay media. There will not be a required text though students will find "The

Molecular Biology of the Cell" by Alberts et al. and "Neuroscience" by Purves et al. available online useful.

**Living Arrangements:** Accommodations are provided in residence halls with other U.S. and European students.

**Finances & Aid/ Scholarships:** A full description of the program costs and billing procedures is described on the CIPA Website Emory College students who qualify are considered by the Office of Financial Aid for a summer aid award after registration in summer study abroad classes. The amount of the award depends on the number of credits and current financial aid package. Students currently receiving financial aid from Emory are typically eligible. Contact the Office of Financial Aid..

