

January 20-21, 2012

## ***In the Light of Evolution VI: Brain and Behavior***

Organizers: Georg F. Striedter, John C. Avise and Francisco J. Ayala

Beckman Center of the National Academies, Irvine, CA

Darwin never wrote much about the brain, but Darwin's nemesis, Richard Owen, tried in 1861 to protect humans from Darwin's threatening ideas by arguing that human brains differ fundamentally from those of other apes. This argument provoked a spirited attack by Darwin's "bulldog," T. H. Huxley. Darwin did not comment publicly on this controversy, but for the second edition of his *Descent of Man*, Darwin asked Huxley to write an essay "on the resemblances and differences in the structure and the development of the brain in man and apes." This essay was a forceful attack on Owen's argument and showed convincingly that human brains are like fairly typical ape brains, although larger. Thus the Darwinians began to contemplate evolving brains. This colloquium will survey what has been learned about brain evolution in the 150 years since the Owen-Huxley debate, bringing together leading scientists whose work illuminates the twin questions of how and why complex nervous systems evolved.

<http://www.nasonline.org/programs/sackler-colloquia/upcoming-colloquia/evolution-vi.html>

### **\$300 EARLY REGISTRATION BY DECEMBER 15, 2011**

Attendance at the Colloquium is limited to 230 registered individuals. Registrations will be accepted only when the registration fee is included and in the order in which they are received. The EARLY registration fee (\$300) includes the cost of meals, reception dinner, and banquet.

### **\$150 STUDENT / POST DOC REGISTRATION BY DECEMBER 15, 2011 – TRAVEL/HOTEL AWARDS AVAILABLE**

Applicants must register online and payment must be received to be eligible on a first-come basis for travel award.

Hotel – Award covers one night in the conference hotel to be billed directly to NAS. Applicants must live more than 50 miles from Irvine to be eligible for the hotel award. Recipients will be paired, upon request, with another recipient to cover two nights.

Travel – Award includes reimbursement of travel expenses (air, ground, mileage, parking) up to the maximum amount. Applicants in California, Nevada, and Arizona are eligible for up to \$150; applicants traveling from other areas are eligible for up to \$300.

**After December 15, 2011 - All Registrations are \$350**

Register at <http://www.certain.com/system/profile/form/index.cfm?PKformID=0x1110418aae5>

For more information, contact "Marty, Susan D" <[SMarty@nas.edu](mailto:SMarty@nas.edu)>.