

## **CONFERENCE PROGRAM**

**8:00 - 9:00 AM**

- \*Registration and Continental Breakfast
- \*Exhibitor Displays
- \*Poster Presentations

**9:00 - 9:15 AM**

- \*Welcome

**9:15 - 10:15 AM**

- \*Keynote Address  
**Dean H. Hamer**  
"From the Gay Gene to the God Gene: What in Heaven's Next?"

**10:15 - 11:15 AM**

- \*Concurrent Workshops
- \*Exhibitor Displays
- \*Poster Presentations

**11:15 - 12:30 PM**

- \*Luncheon and Business Meeting

**12:30 - 2:00 PM**

- \*Exhibitor Displays
- \*Poster Presentations

**2:00 - 3:00 PM**

- \*Keynote Address  
**Donald Pfaff**  
"On the Status of Modern Neuroscience?"

**3:00 - 4:00 PM**

- \*Poster Awards
- \*Ice Cream Social
- \*Exhibitor Displays

***Please join us***



The Metropolitan Association of College and University Biologists is proud to announce its:

## **41st Annual Fall MACUB Conference**

**Saturday, November 1, 2008**

**Montclair State University**

**Montclair, New Jersey**

**Conference Theme: "*The Genetic Imperative:  
Genes and Behavior*"**

**The Keynote Address:  
"From the Gay Gene  
to the God Gene: What  
in Heaven's Next?"  
will be presented by:  
Dean H. Hamer**

**Chief of the Section on Gene Structure and  
Regulation in the Laboratory of Biochemistry  
of the National Cancer Institute**



Dr. Hamer was born in Montclair, N.J. He received his B.A. from Trinity College, Connecticut and his Ph.D. from Harvard Medical School. He has worked at the National Institutes of Health for 24 years, where he is currently the Chief of the Section on Gene Structure and Regulation in the Laboratory of Biochemistry of the National Cancer Institute.

Dr. Hamer's research has led to contributions in a variety of areas including recombinant DNA, drug and vaccine production, and gene regulation. He was a coinventor of animal cell gene transfer, and recently has begun a program on molecular therapeutics for HIV/AIDS. For the past nine years, Dr. Hamer has studied the role of inheritance in human behavior, personality traits, and cancer risk-related behaviors such as cigarette smoking. His discovery of genetic links to sexual orientation and the temperamental traits of sensation seeking and anxiety have changed the way we think about human behavior and raise a host of important scientific, social and ethical issues.

Dr. Hamer has published over 100 scientific papers and holds three patents in the biotechnology area. He is the author of "The God Gene: How Faith is Hardwired into our Genes". His book "The Science of Desire", co-authored with journalist Peter Copeland, has won widespread critical acclaim and was a 1994 New York Times "Notable Book of the Year". Their new book, "Living With Our Genes," is a science best seller. Dr. Hamer's research has been described in Discover Magazine and other national publications.

**The Keynote Address:  
"On The Status of  
Modern Neuroscience"  
will be presented by:  
Donald Pfaff  
Science Writer  
Professor and Head of the Laboratory  
of Neurobiology and Behavior at  
The Rockefeller University**



**Dr. Donald Pfaff**

Dr. Pfaff will present the keynote address, "On The Status of Modern Neuroscience". He received the A.B. degree magna cum laude from Harvard College in 1961 and a Ph.D. from the Massachusetts Institute of Technology in 1965. He held a National Merit Scholarship, Harvard National Scholarship, Woodrow Wilson Fellowship, MIT President's Award Fellowship, National Institutes of Health Predoctoral Fellowship and National Science Foundation Postdoctoral Fellowship. Pfaff joined The Rockefeller University in 1966. Presently, he is a professor and head of the Laboratory of Neurobiology and Behavior at The Rockefeller University, is a brain scientist who uses neuroanatomical, neurochemical and neurophysiological methods to study the cellular mechanisms by which the brain controls behavior.

Dr. Pfaff is the author of "Estrogens and Brain Function" (Springer, 1980); "Drive: Neurobiological and Molecular Mechanisms of Sexual Motivation" (MIT Press, 1999); and "Brain Arousal and Information Theory" (Harvard University Press, 2005). He has edited "The Physiological Bases of Motivation" (1982), "Ethical Questions in Brain and Behavior" (1984), Genetic Influences on the Nervous System" (CRC Press, 1999) and "Hormones, Brain and Behavior" (5 volumes, Academic Press, 2002). He also is on the editorial boards of several scientific journals.

For further information on the fall conference, please contact Dr. Dirk Vanderklein, the Conference Chairperson at (973) 655-5265.

**Student Membership**

We encourage your students to become Associate Members in MACUB. Many of them will go on to graduate and professional schools. Their membership, participation and attendance at conferences such as these can enhance the experiences they include on their applications and discuss during interviews.

**2008 MACUB Conference Registration Form  
41st Annual MACUB Conference at Montclair State University  
Saturday, November 1, 2008**

Registrations should be returned no later than **October 24, 2008**. Registration on the day of the conference will be \$45. A separate form must be completed by each person attending the conference. Please photo copy this form for each additional registrant.

- Dr.                       Regular Member                       Student Member<sup>1</sup>  
 Prof.                       Full-Time Faculty                       Member's Spouse/Guest  
 Mr.                               Adjunct Faculty<sup>1</sup>  
 Ms.  
 \_\_\_\_\_

\* Name: \_\_\_\_\_ \* School Phone: \_\_\_\_\_  
 \* Department: \_\_\_\_\_ \* Fax: \_\_\_\_\_  
 \* School: \_\_\_\_\_ \* E-Mail: \_\_\_\_\_  
 \* Address: \_\_\_\_\_

\*The above information may appear in a Directory of Members unless you indicate otherwise.

Home Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I prefer MACUB mailings  
to be sent to my:

School     Home<sup>1</sup>

Home Phone: \_\_\_\_\_

<sup>1</sup>Student and adjunct mailings will normally be sent to your home address.

	Early Bird by 9/26	In Advance by 10/24	On-Site 11/1	
<input type="checkbox"/> Regular Member	\$45	\$50	\$55	Includes 2009 membership dues, conference registration, continental breakfast and luncheon.
<input type="checkbox"/> Student Associate Membership	\$35	\$35	\$40	Includes 2009 Associate Membership dues, conference registration, continental breakfast and luncheon.
<input type="checkbox"/> Member's Spouse/Guest	\$35	\$35	\$40	Includes conference registration, continental breakfast and luncheon.

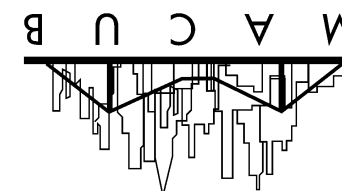
I will not be attending the Conference but enclosed is my 2009 membership dues.  
 Regular Member \$20     Student Member \$10

Return this registration form by **October 24, 2008**  
 Please make checks payable to: **MACUB**  
 Send registration form and check to:  
 Dr. Paul Russo  
 Division of Natural Sciences & Mathematics  
 Bloomfield College  
 467 Franklin Street  
 Bloomfield, NJ. 07003

Registration fees are refundable upon written notification by **October 24, 2008**. The membership fee (\$20 for regular members and \$10 for student members) will be deducted. *No refunds will be given postmarked after October 24, 2008.*

FIRST CLASS MAIL

Professor Gary Sarinsky  
 Dept. of Biological Sciences  
 Kingsborough Community College  
 2001 Oriental Boulevard  
 Brooklyn, New York 11235



You are invited to participate in the 41<sup>st</sup> Annual Fall MACUB Conference. Proposals are now being accepted for member paper presentations and poster presentations.

**Member Paper Presentations**

Proposals are now being accepted for member paper presentations. If you wish to make a paper presentation (20 minutes) which will discuss the results of research or share ideas, please send an abstract to Dr. John Gaynor, Department of Biology & Molecular Biology, Montclair State University, Montclair, New Jersey 07043, 973-665-7253, [gaynorj@mail.montclair.edu](mailto:gaynorj@mail.montclair.edu)

**Poster Presentations**

If you or any of your students wish to make poster presentations, please send an abstract and notify Dr. Carlos Molina, Department of Biology & Molecular Biology, Montclair State University, Montclair, New Jersey 07043, 973-665-3302, [molinac@mail.montclair.edu](mailto:molinac@mail.montclair.edu)

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