

CONFERENCE PROGRAM

8:15 - 9:15 AM

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

9:30 - 9:45 AM

- *Welcome

9:45 - 10:45 AM

- *Keynote Address
Kenneth Wesson
"What Recent Brain Research Tells Us About Learning"

11:00 - 12:00 PM

- *Exhibitor Displays
- *Poster Presentations

12:00 - 1:15 PM

- *Luncheon and Business Meeting

1:15 - 2:15 PM

- *Keynote Address
Dr. Evan Balaban
"Brain Transplant for the Study of Species Behavioral Differences"

2:15 - 4:00 PM

- *Member Paper Presentations
- *Concurrent Workshops
- *Exhibitor Displays

Please join us



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

39th Annual Fall MACUB Conference

**Saturday, October 28, 2006
Kingsborough Community College
Brooklyn, New York**

Conference Theme: "Highlights of Neuroscience"

The Keynote Address:
"What Recent Brain Research Tells Us About Learning,"
will be presented by:
Kenneth Wesson



Kenneth Wesson delivers keynote addresses on the neuroscience of learning for educational organizations and institutions throughout the United States and overseas. His audiences range from pre-school and early childhood specialists to college and university-level faculty members and administrators. His recent international audiences have included educators and chief administrative officers from North America, South America, Asia, Eastern Europe, the Middle East, Northern Africa, and sub-Saharan Africa. He has spoken to educators and administrators from six of the world's seven continents

Wesson regularly addresses educational organizations, counseling associations, school districts and civic groups, as well as parenting organizations on establishing "brain-considerate" learning environments. In addition to his speeches on the neuroscience of learning, Wesson also speaks on the subjects of early brain development, emotional intelligence, the Neuropsychology of prejudice,

contextual learning, diversity in learning, design and engineering, and curriculum development.

Wesson's recent work has included delivering addresses to the American Society for Microbiology; the IBM Corporation; the Summer Institute for the National Academy of Sciences; the Johnson and Johnson Corporation; the National Science Teachers Association (NSTA); the Hawaiian Association for Counselors and Educators in Government; the Annual Biomedical Research Conference for Minority Students (sponsored by the National Institute of General Medical Sciences); the National Alliance of Business; Head Start; the "Aging To Perfection" Conference; the Great Teachers' Seminars; the National Science Foundation's Systemic Initiatives for Math and Science; the Distinguished Scientist Lecture Series in Santa Monica, CA; the IDATER Conference (International Design and Technology Educational Research and Curriculum Development) in England, and numerous American colleges and universities.

He has been a keynote speaker for several of the leading international educational organizations for American and International schools, including the Association of International Schools in Africa (AISA), the Association of American Schools in South America (AASSA), the Central and Eastern European Schools Association (CEESA), the National Association of Independent Schools (NAIS), East Asia Regional Council of Overseas Schools (EARCOS), the Near East South Asia schools (NESAs), along with numerous American educational organizations, school districts, and colleges

Wesson's recent articles on the brain include: "Neuropsychology and Prejudice"; "Early Brain Development and Learning"; "Got Art?: The Connection Between Drawing Skills and Brain Function"; "Where is God in the Brain?"; and, "Memory and the Brain." Several of his articles have appeared in the Independent School Journal, which was recently honored by the Association of Education Publishers (AEP) as the 2005 "Periodical of the Year."

The Keynote Address:
"Brain Transplant for the Study of Species Behavioral Differences"
will be presented by:
Dr. Evan Balaban.
Experimental Behavioral Neurobiologist



Dr. Balaban is an Associate Professor of neuroscience at McGill University. He has a Ph.D. From Rockefeller University in animal behavior, genetics, and neurobiology and was a postdoctoral fellow at C.N.R.S. et College de France Institut d'Embryologie His areas of research interest are behavioral neuroscience and cognition-language-perception.

Dr. Balaban incubated fertilized quail and chicken eggs for 48 hours and then cut tiny windows in their shells. Cells in the chicken embryo were removed and substituted with corresponding quail brain cells. After much trial and error he discovered that certain cells in the quail midbrain changed the animal's sound patterns, and other cells in the quail brain stem changed head movement during singing.

He has lectured around the world. While a senior fellow in experimental neurobiology at the Neurosciences Institute, Professor Balaban's research was cited by *Discover Magazine* in 1998 in their coverage of Most Important Scientific Discoveries of the Year.

Visit the M.A.C.U.B.
web site at:
www.macub.org

The MACUB web site is now up and running. We now call for members to use the web site for registration information. Register for the 39th Annual Fall Conference on-line. Submit your poster presentation abstract on-line. Submit your member paper presentation on-line. If you are a MACUB member in good standing and have a Web site that you would like linked to our web site, submit the URL address to: gsarinsky@kbcc.cuny.edu.

Please note: All abstracts and member presentations must be registered on line.

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.

**2006 MACUB Conference Registration Form
39th Annual MACUB Conference at Kingsborough Community College
Saturday, October 28, 2006**

Registrations should be returned no later than **October 16, 2006**. Registration on the day of the conference will be \$50. 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 Member¹
 Prof. Full-Time Faculty Member's Spouse/Guest
 Mr. Adjunct Faculty
 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 Home¹

Home Phone: _____

¹Student and adjunct mailings will normally be sent to your home address.

	Early Bird by 9/15	In Advance by 10/16	On-Site 10/28	
<input type="checkbox"/> Regular Member	\$40	\$45	\$50	Includes 2007 membership dues, conference registration, continental breakfast and luncheon.
<input type="checkbox"/> Student Associate Membership	\$30	\$30	\$35	Includes 2007 Associate Membership dues, conference registration, continental breakfast and luncheon.
<input type="checkbox"/> Member's Spouse/Guest	\$30	\$30	\$35	Includes conference registration, continental breakfast and luncheon.

I will not be attending the Conference but enclosed is my 2007 membership dues.
 Regular Member \$15 Student Member \$5

Return this registration form by **October 16, 2005**
 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 16, 2005**. The membership fee (\$15 for regular members and \$5 for student members) will be deducted. *No refunds will be given postmarked after October 16, 2005.*

SERVING THE INTERESTS OF COLLEGE AND UNIVERSITY BIOLOGISTS IN THE NEW YORK, NEW JERSEY AND CONNECTICUT AREA FOR 39 YEARS

FIRST CLASS MAIL

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



You are invited to participate in the 39th 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, you must submit your abstract on-line at www.macub.org. If you have any questions, please contact Professor Carla Beeber, 718- 368-5265, email: cbeeber@kbcc.cuny.edu.

Poster Presentations

If you or any of your students wish to make poster presentations, you must submit the abstracts on-line at www.macub.org. If you have any questions, please contact Prof. Sarwar Jahangir, 718- 368-5743, email: sjahangir@kbcc.cuny.edu, or Prof. Mohamed Lakrim, 718-368-5107, email: mlakrim@kbcc.cuny.edu

Please note: All abstracts and member presentations must be registered on line at www.macub.org

Call For Poster Judges

If you would like to be a poster judge at the conference, please call or email:
 Dr. Mohamed Lakrim, 718-368-5107, e-mail mlakrim@kbcc.cuny.edu; or
 Dr. Sarwar Jahangir, 718-368-5743, e-mail sjahangir@kbcc.cuny.edu