

45th ANNUAL MACUB CONFERENCE

Saturday, October 27, 2012

at

**Adelphi University
Garden City, New York**

CONFERENCE THEME: “Origins”

KEYNOTE SPEAKERS



Donald C. Johanson

***Discovering Our
Human Origins***



**Harold C. Connolly Jr.
and Michael Weisberg**

***Search for Our Origins
Through Meteorites
and Sample Return
Missions***

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IN VIVO is published three times yearly during the Fall, Winter, and Spring. Original research articles in the field of biology in addition to original articles of general interest to faculty and students may be submitted to the editor to be considered for publication. Manuscripts can be in the form of a) full length manuscripts, b) mini-reviews or c) short communications of particularly significant and timely information. Manuscripts will be evaluated by two reviewers.

Articles can be submitted electronically to invivo@mec.cuny.edu or mailed as a printed copy (preferably with a diskette that contains the file) to the Editorial Board at Medgar Evers College. All submissions should be formatted double spaced with 1 inch margins. The title of the article, the full names of each author, their academic affiliations and addresses, and the name of the person to whom correspondence should be sent must be given. As a rule, full length articles should include a brief abstract and be divided into the following sections: introduction, materials and methods, results, discussion, acknowledgments and references. Reviews and short communications can be arranged differently. References should be identified in the text by using numerical superscripts in consecutive order. In the reference section, references should be arranged in the order that they appeared in the text using the following format: last name, initials., year of publication. title of article, journal volume number: page numbers. (eg. - ¹Hassan, M. and V. Herbert, 2000. Colon Cancer. *In Vivo* **32**: 3 - 8). For books the order should be last name, initial, year of publication, title of book in italics, publisher and city, and page number referred to. (eg. - Prosser, C.L., 1973. *Comparative Animal Physiology*, Saunders Co., Philadelphia, p 59.). Abbreviations and technical jargon should be avoided. Tables and figures should be submitted on separate pages with the desired locations in the text indicated in the margins.

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CONFERENCE PROGRAM

8:00 - 9:00 AM-	Registration and Continental Breakfast Exhibitor Displays Poster Presentations	11:15 - 12:30 PM - Luncheon and Business Meeting
9:00 - 9:15 AM -	Welcome	12:30 - 1:45 PM - Exhibitor Displays Poster Presentations Concurrent Workshops
9:15 - 10:15 AM -	Keynote Address Donald C. Johanson	1:45 - 3:00 PM - Keynote Address Harold C. Connolly and Michael Weisberg
10:15 - 11:15 AM -	Exhibitor Displays Poster Presentations	3:00 - 4:00 PM - Poster Awards Ice Cream Social Exhibitor Displays



Adelphi University, founded in 1896, is Long Island's first private coeducational institution of higher learning. A nonsectarian, independent university, Adelphi welcomes men and women of all backgrounds who display intellectual inquisitiveness, academic commitment and a desire for achievement and purpose in life.

The University is committed to academic excellence, cultural enrichment, and personal and professional growth—core values that impact our community at large. Through innovative programming, dedicated faculty and diverse learning opportunities, Adelphi prepares highly skilled professionals to compete in a global marketplace, and become active and engaged citizens who make an impact in their community.

Adelphi's main campus is located on 75 landscaped acres in Garden City, New York, 20 miles east of New York City and easily accessible by public transportation. The University also has three off-campus centers: the Manhattan Center in New York City, the Hauppauge Center on Long Island and the Hudson Valley Center in Poughkeepsie, New York.

Adelphi University's schools and programs include the College of Arts and Sciences; the Honors College; the Schools of Nursing and Social Work; the Robert B. Willumstad School of Business; the Ruth S. Ammon School of Education; the Gordon F. Derner Institute of Advanced Psychological Studies; and adult academic programs in University College.

The University enrolls 5,021 undergraduates and 2,901 graduate students. Forty-three states and 45 countries are represented in its diverse student body. Personalized instruction is at the center of an Adelphi education. With an average class size of 21 and a student-to-faculty ratio of 10:1, Adelphi students receive the attention and guidance to achieve success. Courses are innovative, engaging and taught by world-class faculty who are experts in their fields. Adelphi also offers numerous learning opportunities outside of the classroom. Students have the opportunity to explore their interests and gain valuable professional skills through Adelphi's internships or study abroad programs.

Programs in the Department of Biology lead toward the following degrees in biology: Bachelor of Science (B.S.), Bachelor of Arts (B.A.), and Master of Science (M.S.) with an optional concentration in biotechnology. The department also has joint degree and early assurance programs in dentistry, osteopathic medicine, optometry, physical therapy and podiatry. Through small classes, labs, research opportunities and personal advising, biology-degree students receive a solid foundation in all areas of biology that prepares them for over 200 biology-related careers and provides the groundwork for professional training in medicine, dentistry and other health sciences.

Morning Keynote Address

Discovering Our Human Origins

will be presented by

Donald C. Johanson

**Founding Director and Professor of the
Institute of Human Origins at Arizona State
University**



Dr. Donald Carl Johanson is the Founding Director of the Institute of Human Origins and a Professor at the School of Human Evolution and Social Change at the School of Liberal Arts and Sciences at Arizona State College. For the past 30 years he has conducted field and laboratory research in paleoanthropology. Most notably, he discovered the 3.18 million year old hominid skeleton popularly known as "Lucy." Through grants from the National Science Foundation, the L.S.B. Leakey Foundation and the National Geographic Society, Dr. Johanson has carried out field research in Ethiopia, Yemen, Saudi Arabia, Egypt, Jordan and Tanzania. He is an Honorary Board Member of the Explorers Club, a Fellow of the Royal Geographical Society, a member of many other professional organizations and recipient of several international prizes and awards. In 1975, Dr. Johanson was appointed curator of physical anthropology at the Cleveland Museum of Natural History and, beginning in 1976, developed a laboratory of physical anthropology that attracted scholars from all over the world. He has written, among other books, the widely read "Lucy: The Beginnings of Humankind" (with Maitland Edey), 1991, and numerous scientific and popular articles. In 1994, he co-wrote "Ancestors: In Search of Human Origins" and narrated a companion NOVA television series seen by more than 100 million people worldwide. Most recently, he published "From Lucy to Language" (with Blake Edgar, principal photography by David Brill), 1996. Dr. Johanson is a frequent lecturer at university and other forums in the United States.

Afternoon Keynote Address

Search for Our Origins Through Meteorites and Sample Return Missions

will be presented by

Harold C. Connolly Jr. and Michael Weisberg



Harold C. Connolly Jr., Ph.D., is a Professor of Earth and Planetary Sciences in the Department of Physical Sciences at Kingsborough Community College, a Member of the Graduate Faculty, Earth and Environmental Sciences, the Graduate Center of CUNY, a Research Associate in the Department of Earth and

Planetary Sciences at the American Museum of Natural History, and an Adjunct Associate Professor of Planetary Sciences Lunar and Planetary Laboratory of the University of Arizona. He is also a Co-I and Mission Sample Scientist for NASA's New Frontiers 3 sample return mission to asteroid RQ36, OSIRIS-REX. He obtained his B.A., M.S. and Ph.D. from Rutgers University. He then did his post-doctoral research at the California Institute of Technology, and joined the faculty at KCC in September of 2001.

Dr. Connolly's areas of specialization is containing the formation of the Solar System, specifically through investigating the physical remains of the production of the Earth-like planet--meteorites known as chondrites. He has published numerous scholarly articles in peer reviewed journals, written many book chapters, review articles, opinions, and is and has been a Principle Investigator in NASA's Cosmochemistry and Origin of Solar Systems programs. Finally, he not only has a passion for meteorites and science, but loves to cook for family and friends, enjoying the art of conversation through dining.



Dr. Weisberg is a professor at Kingsborough Community College and the Earth and Environmental Sciences Program in the City University of New York Graduate Center. He received his PhD in Earth and Environmental Sciences from CUNY in 1991. He has been affiliated with the American Museum of Natural History

since 1982, as a Curatorial Assistant, Student, Research Fellow and is currently a Research Associate. He has been the principal investigator on NASA-funded research programs to study extraterrestrial materials for more than a decade and was part of the Preliminary Examination Team for the comet dust collected by the Stardust Sample Return Mission. He served on numerous NASA panels, scientific committees and was editor of the Meteoritical Bulletin.

Poster Presentations

If you or any of your students wish to make poster presentations, please refer to the MACUB Website: www.macub.org for information about the format of the abstracts and poster boards. ALL POSTER APPLICATIONS MUST BE SUBMITTED ON-LINE NO LATER THAN OCTOBER 17, 2012. ABSTRACT SUBMISSION IS NOT COMPLETE UNTIL YOUR CONFERENCE REGISTRATION FORM AND REGISTRATIONS FEES HAVE BEEN RECEIVED BY THE CORRESPONDING SECRETARY

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.

**2012 MACUB Conference Registration Form
45th Annual MACUB Conference at Adelphi University
Saturday, October 27, 2012**

Registrations should be returned no later than **October 17, 2012**. Registration on the day of the conference will be \$60. A separate form must be completed by each person attending the conference. Please photo copy this form for each additional registrant.

- | | | |
|--------------------------------|---|--|
| <input type="checkbox"/> Dr. | <input type="checkbox"/> Regular Member | <input type="checkbox"/> Student Member ¹ |
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<input type="checkbox"/> Regular Member	\$45	\$50	\$60	Includes 2013 membership dues, conference registration, continental breakfast and luncheon.
<input type="checkbox"/> Student Associate Membership	\$35	\$35	\$45	Includes 2013 Associate Membership dues, conference registration, continental breakfast and luncheon.
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I will not be attending the Conference but enclosed is my 2013 membership dues.
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Return this registration form by October 17, 2012
Please make checks payable to: MACUB
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 Bloomfield College
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Registration fees are refundable upon written notification by **October 17, 2012**.

The membership fee (\$20 for regular members and \$10 for student members) will be deducted. *No refunds will be given postmarked after October 17, 2012*

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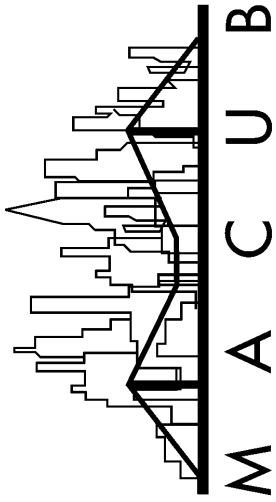
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Please make every effort to support these affiliate members. Their participation help us to keep the registration fees at a reasonable price.

Save the Date

Saturday, October 27, 2012

**The 45th Annual MACUB Conference
at
Adelphi University**



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