

The Stone Age Institute and Indiana University present

“ORIGINS:

The Evolution of the Universe, the Earth, Life, and the Human Species”

In conjunction with the College of Arts and Sciences 2009 Themester:

“Evolution, Diversity and Change”

Saturday, October 10th, 2009

9 a.m. to 4 p.m.

Whittenberger Auditorium, Indiana Memorial Union

IU Bloomington

******* This symposium is free and open to the public *******

MORNING

9:00 a.m. Welcome and Introductory Remarks

Michael McRobbie, President, Indiana University

Sarita Soni, Vice Provost for Research

Bennett Bertenthal, Dean, College of Arts & Sciences

9:20-9:30 From the Big Bang to the World Wide Web: A Framework for Teaching about Origins

9:30-9:45 The Origin of Everything: The Big Bang and its Aftershocks (Tim Londergan, Physics)

9:45-10:00 The Origin of Stars and Galaxies (Catherine Pilachowski, Astronomy)

10:00-10:15 The Origin of the Earth and our Solar System, and What Meteorites Can Tell Us (Abhijit Basu, Geology)

10:15-10:30 Question & Answer

10:30-10:45 Break

10:45-11:00 The Origin of Life on Earth (and Beyond?) (Lisa Pratt, Geology)

11:00-11:15 The Origin of Animals and the Cambrian Explosion (Rudolf Raff, Biology)

11:15-11:30 The Origin of Invertebrates and What Corals Can Tell Us (Claudia Johnson, Geology)

11:30-11:45 The Origin of Vertebrates and the Age of Mammals (David Polly, Geology)

11:45-12:00 Question & Answer

12:00-1:30 pm LUNCH BREAK

AFTERNOON

1:30-1:45 Planet of the Apes Monkeys (Kevin Hunt, Anthropology)

1:45-2:00 The Origin of the Genus *Homo* and the Dawn of Technology (Nicholas Toth, Anthropology)

2:00-2:15 The Origin of the Modern Human Brain and Consciousness (Thomas Schoenemann, Anthropology)

2:15-2:30 Question & Answer

2:30-2:45 Break

2:45-3:00 The Origin of Creativity and Symbolic Thought (Kathy Schick, Anthropology)

3:00-3:15 The Origin of Modern Life: Foraging, Farming, and Civilization (Geoffrey Conrad, Anthropology)

3:15-3:30 Origins, Evolution and Being Human in the Modern World (Elizabeth Raff, Biology)

3:30-4:00 Question & Answer and Final Remarks