

2013 Midwest Junto – Preliminary Program

University of Notre Dame

Friday

6:00 pm – 9:00 pm Opening Reception (Eck Visitor’s Center)

Saturday

8:15-8:45 am Registration Open, Coffee

8: 45-9:00 **Welcome**

Professor Katherine Brading, University of Notre Dame

9:00-10:00 **Session 1: Biography/Prosopography**

Margaret Gaida, University of Oklahoma

Reexamining Hypatia’s Heritage: a Survey of Recent Biographies of Women in Science

Baojie Song, University of Minnesota

How Peking Opera Complicates Scientific Nationalism: A Case Study

Kathleen Sheppard, Missouri University of Science and Technology

Keeping Knowledge *in situ*?: Sites of Knowledge Creation in Egyptology

10:00-10:15 BREAK

10:15-11:15 **Session 2: Physical sciences**

Cameron Lazaroff-Puck, University of Minnesota

Retracing the Mechanical Foundation of Maxwell’s “Dynamical Theory of the Electromagnetic Field”

Eliseo Fernandez, Linda Hall Library of Science and Technology

Of thinkers and tinkerers — Science Meets Technology at the Invention of the Triode

Petar Markovski, University of Oklahoma

International Cooperation in Space Exploration: Arnold Frutkin and NASA’s International Programs Office, 1959-1978

11:15-11:30 BREAK

11:30-12:50 **Session 3: Health and Medicine**

Jennifer Rogers, Iowa State University

Antebellum medical communication and the creation of medical networks that educated and connected southern physicians

Vicki Fama, University of Wisconsin

Heroes and Villains: Displaying and Viewing Bodies at the United States Army Medical Museum, 1862-1888

Alexander Moffett, University of Chicago

Surgical Films and Surgical Standards, 1900-1935

Kris Lawson, Pittsburg State University

A Modern Technology of Health: Aluminum Therapy in the Lead and Zinc Mines of the Tri-State District, 1945-1954

12:50-2:15

Lunch on your own

2:15-3:15

Session 4: Political Economy

Ashley Nelson, University of Oklahoma

Harriet Martineau and the Patronage of Political Economy

Sean Valles, Michigan State University

Population, Immigration Restriction and Reproductive Rights in the 'Post-Eugenics' US

Hossein Bahmaie, Metropolitan Community College - Kansas City

Models as Instruments of Understanding and Control: The Shift from Biological to Mechanical Analogies in Economic Theorizing

3:15-3:30

BREAK

3:30-4:30

Session 5: Chemistry/Biology

John Stewart, University of Oklahoma

What Makes Tonic Water Fizz: Chemistry and Balneology in the Scottish Enlightenment

Paul Patton, Indiana University

Ludwig Edinger, the Vertebrate Series, and the Dawn of Comparative Neuroanatomy

Daniel Liu, University of Wisconsin

Molecules in Biology before Molecular Biology

4:30-4:45

BREAK

4:45-5:45

Session 6: Environment/Development

Adam Plaiss, Northwestern University

Technological Citizenship: Infrastructure and Entitlements in Progressive Era America, 1905-1917

Blair Stein, University of Oklahoma

Selling Sun and Safety on the Canadair North Star, 1948-1955

Kevin Baker, Northwestern University

Programming a Virtual Nigeria: System Simulation, Economic Performativity, and the History of Development

6:00-8:00

Dinner (Oak Room)

8:00-9:00

Stuart Pierson Memorial Lecture: Frederick Gregory, Professor Emeritus, University of Florida, "Religion and Science"

Sunday

8:30-9:00 am

Coffee

9:00-10:00

Session 7: Science, Religion, and Transcendence

Scott Prinster, University of Wisconsin

The Queen Dethroned? The Changing Role of the Biblical Worldview in the History of Science

Melissa Cherenko, University of Wisconsin

The Second Coming and Environmentalism: The Historical Debate about End Times and Environmental Action among Evangelical Christians

Peter Ramberg, Truman State University

Teaching about the Extraterrestrial Life Debate

10:00-10:15

BREAK

10:15-11:35

Session 8: The Sixteenth Century

Peter Barker, University of Oklahoma

Copernicus and his Teachers at Cracow

Kathleen Crowther, University of Oklahoma

Astrology and the Devil

Kristina Cernekova, University of Minnesota

Mathematics at the Jesuit University in Trnava: Prescriptive vs. Descriptive Sources

Tawrin Baker, Indiana University

Sensation, Subjectivity, and Objectivity in the Early Modern Period: Historical and Historiographical Concerns

11:45-12:15

Junto Business Meeting