Legacies of the Manhattan Project

15 March to 18 March, 2017
Richland, Washington

Reflections on 75 Years of a Nuclear World
WEDNESDAY 15 MARCH 2017

15:00 to 17:00  Historic Walking Tour  ........................................... Lobby
16:00 to 19:00  Registration ................................................................. Lobby
18:30 to 20:45  Preserving Hanford’s Past: From B Reactor to the Manhattan Project National Historical Park  ................................................. Columbia

THURSDAY 16 MARCH 2017

06:30 to 08:45  Breakfast ................................................................. Columbia
07:00 to 13:00  Registration ................................................................. Columbia
08:45 to 09:00  Welcome ................................................................. Columbia
09:00 to 10:15  Session I ................................................................. Columbia

LASTING LEGACIES I | RADIATION & ITS EFFECTS ON HUMAN HEALTH

Consequences of Manhattan Project to Human Health
Trisha Prütín | C.O.R.E. Consequences of Radiation Exposure
Bo Jacobs | Hiroshima City University
Mark Auslander | Central Washington University, Dept. of Anthropology & Museum Studies
Ricardo Garcia | C.O.R.E. Consequences of Radiation Exposure
Tom Baule | C.O.R.E. Consequences of Radiation Exposure

HERBERT M. PARKER AND THE BIRTH OF HEALTH PHYSICS

Moderator: Ann Roseberry | Richland Public Library
Wayne Glines | Herbert M. Parker Foundation
Ron Kattren | Herbert M. Parker Foundation

10:30 to 11:45  Session II ................................................................. Columbia

TELLING STORIES ABOUT THE MANHATTAN PROJECT & ITS LEGACIES

Nuclear Technologies and the Discourse of Disaster
Bo Jacobs | Hiroshima City University
Susan Swanberg | University of Arizona, College of Social and Behavioral Sciences
The Manhattan Project in Performing Arts
Constantinos Morfakis | University of Athens, Science Communication National
Yannis Hatzikiriakos | University of Athens, Science Communication National

11:45 to 13:00  Lunch ................................................................. Columbia

MANHATTAN PROJECT NATIONAL HISTORICAL PARK UPDATE

Introduction: Michael Mays | Hanford History Project
Colleen French | Department of Energy, Manhattan Project National Historical Park
Tracy Atkins | Department of Energy, Office of Legacy Management
Kris Kirby | National Park Service, Manhattan Project National Historical Park

13:00 to 14:15  Keynote ................................................................. Columbia

FROM RATTLESNAKES TO RAD-WORKER TRAINING: ADVENTURES IN REHABILITATION OF THE BUILT ENVIRONMENT AT THE HANFORD SITE

Introduction: Colleen French | Department of Energy, Manhattan Project National Historical Park

14:30 to 15:45  Session III ................................................................. Columbia

WOMEN OF THE MANHATTAN PROJECT AND HANFORD

Moderator: Jillian Gardner-Andrews | Hanford History Project
Zelma Jackson | Department of Ecology
Terry Andre | B Reactor Museum Association
Ann Roseberry | Richland Public Library
FRIDAY 17 MARCH 2017

06:30 to 08:45  Breakfast
08:00 to 11:00  Registration
08:45 to 09:00  Welcome
09:00 to 10:15  Session IV  Benton-Franklin

REPRESENTING THE MANHATTAN PROJECT & ITS ATOMIC LEGACIES
Moderator: Ann Rossebery | Richland Public Library

The Manhattan Project in Fiction
Heather Mcclenahan | Los Alamos Historical Society

Cartooning the Nukes | The Francophone Comic Strip Tradition and Evolving Perceptions of the Atomic Age, 1945-1995
Guillaume de Syon | Department of History, Albright College

Social History of World War II and the Cold War at Hanford (depicted by Dupus Boomer)
Connie Estep | Washington State University

TRANSNATIONAL IMPACTS OF THE MANHATTAN PROJECT
Moderator: Rachel Blake | Hanford History Project

Illuminating Hanford’s Nuclear Legacy | Looking through the “Particles on the Wall” Lens
Nancy Dickeman | Particles on the Wall
Dianne Dickeman | Particles on the Wall
Daniel Noonan | Washington Physicians for Social Responsibility

Early Uranium Procurement Policies and their Consequences in the United States and the Soviet Union | 1945-1955
Robynne Mellor | Georgetown University, Department of History

The World Wide Impact of Hanford
Daniel Noonan | Washington Physicians for Social Responsibility

10:30 to 11:45  Session V  Benton-Franklin

FORGING NEW FIELDS: NECESSITY AS THE MOTHER OF INVENTION
Moderator: Julie Staggers | Washington State University, Department of English

Hanford’s Environmental Transformation and the Beginning of Radioecology
David Bolingbroke | Washington State University, Department of History

Civilizing the Atom: Nuclear Engineers, Teaching Reactors & The Atomic Age
David Munns | John Jay College, Department of History

Brother Swine: Inventing the Nuclear Model
Brad Bolman | Harvard University, History of Science

ENGAGING THE PAST: UNDERSTANDING THE MANHATTAN PROJECT IN THE TWENTY-FIRST CENTURY
Moderator: Cynthia Kelly | Atomic Heritage Foundation

Interpreting the Manhattan Project for 21st Century Audiences
Cynthia Kelly | Atomic Heritage Foundation
Alexandra Levy | Atomic Heritage Foundation
Nathaniel Weisenberg | Atomic Heritage Foundation

Reacting to the Past Pedagogy
Todd Timmons | University of Arkansas-Fort Smith, Department of History

Teaching the Diversity of the Manhattan Project
Tanya Bowers | AACCES

LASTING LEGACIES II | RADIATION: PERCEPTIONS AND REALITIES
Moderator: Nathaniel Weisenberg | Atomic Heritage Foundation

Radiation and Radioactive Materials: What are They? Why are They Important to the Tri-Cities’ History and Future?
Paul Stansbury | Herbert M. Parker Foundation

A Comparison of Fatal Accident Rates at Hanford with National Rates
Dan Strom | Washington State University, Environmental Science

Environmental Impacts of Radiation
Roger Dirkes | Environmental Monitoring Group, PNNL

REFLECTIONS ON 75 YEARS OF A NUCLEAR WORLD
**FRIDAY 17 MARCH 2017 (CONTINUED)**

**10:30 to 11:45**
**Session V (continued)**
**GOVERNMENT INSTITUTIONS AND THEIR HISTORIES**
Moderator: Heather McClernahan | Los Alamos Historical Society

- The Road to Hanford is Paved with Legacy Management Sites
  Padrac Benson | Department of Energy
- [Title to be Determined]
  Eric Boyle | Department of Energy
- Casting Shadows, Capturing Images: The History, Archaeology and Legacy of Implosion Diagnostics at Los Alamos
  Ellen McGehee | Los Alamos National Laboratory

**11:45 to 13:00**
**Lunch (on your own)**

**13:15 to 14:30**
**Session VI**
**INTERPRETING THE MANHATTAN PROJECT: FUTURE DIRECTIONS FOR THE MPNHP**
Moderator: Kris Kirby | National Park Service, Manhattan Project National Historical Park

- Tracy Atkins | Department of Energy, Office of Legacy Management
- Kris Kirby | National Park Service, Manhattan Project National Historical Park
- Colleen French | Department of Energy, Manhattan Project National Historical Park
- Nancy Bowers | Indian Eyes, LLC

**14:45 to 16:00**
**Session VII**
**AFRICAN AMERICANS AND THE MANHATTAN PROJECT AT HANFORD**
Moderator: Tanya Bowers, African American Community, Cultural, and Educational Society

- Leonard Moore | African American Community, Cultural, and Educational Society
- Vanis Daniels | African American Community, Cultural, and Educational Society
- Bartley Fair | African American Community, Cultural, and Educational Society
- Tanya Bowers | African American Community, Cultural, and Educational Society

**17:30 to 21:00**
**Evening Banquet**
Social hour followed by dinner and program. Featuring Kathleen Flenniken | Washington State Poet Laureate and former Hanford Engineer.

**SATURDAY 18 MARCH 2017**

**06:30 to 08:45**
**Breakfast**

**08:45 to 09:00**
**Welcome**

**09:00 to 10:00**
**Keynote**
**THE ATOM AND THE ECOSYSTEM: RADIOISOTOPES IN ENVIRONMENTAL RESEARCH**
Introduction: Michael Mays | Hanford History Project

- Angela Creager | Princeton University, History of Science

**10:15 to 11:45**
**Session VIII**
**LOOKING BACK, LOOKING AHEAD: THE MANHATTAN PROJECT AT 75**
Moderator: Michael Mays | Hanford History Project

**12:00 to 16:30**
**Site Tours**

**18:00 to 21:00**
**Evening Reception**
Social hour followed by a special screening of Eric Schlosser and Robert Kenner's *Command and Control*.