

The conference acknowledges the support of the following:

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Hofstra Cultural Center
and the

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Department of Geology, Environment, and Sustainability
Hofstra College of Liberal Arts and Sciences

Department of Radio, Television, Film
The Lawrence Herbert School of Communication

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The Apollo 11 Moon landing on July 20, 1969, marked a watershed moment in human history for science, engineering, and culture, not only in the United States, but around the globe. To commemorate the 50th anniversary of that landmark event, the Hofstra Cultural Center, in partnership with the Cradle of Aviation Museum, presents an interdisciplinary conference, featuring speakers on both the scientific and techno-logical dimensions of the landing on the moon and its cultural and political repercussions, both on Long Island and around the world.

Conference Co-Directors:

J Bret Bennington, PhD, Professor of Geology and Chair,
Department of Geology, Environment, and Sustainability,
Hofstra College of Liberal Arts and Sciences, Hofstra University

Rodney F. Hill, PhD, Associate Professor of Film,
Department of Radio, Television, Film
The Lawrence Herbert School of Communication, Hofstra University

**All sessions will be held in the Leo A. Guthart Cultural Center Theater,
Joan and Donald E. Axinn Library, First Floor, South Campus,
unless otherwise indicated.***



TUESDAY, APRIL 2, 2019

All sessions will be held in the Leo A. Guthart Cultural Center Theater,
Joan and Donald E. Axinn Library, First Floor, South Campus, unless otherwise indicated.*

9:15-9:35 a.m.

GREETING and OPENING REMARKS

9:35-11 a.m.

KEYNOTE ADDRESS WITH DR. MATTHEW HERSCH

WE RAN AS IF TO MEET THE MOON: THE INSPIRED LUNACY OF APOLLO 11

Dr. Matthew Hersch, assistant professor of the history of science at Harvard University, is the author of the critically acclaimed book, *Inventing the American Astronaut*, as well as numerous articles about Cold War-era aerospace, computer, and military technologies and their relationship to labor and popular culture.

11:10 a.m.-12:35 p.m.

CULTURAL IMPACTS OF APOLLO

Laura Lally (Hofstra University), *Technology and Exhilaration: The Space Program as a Source of Career Inspiration*

Andrew Vielkind (Yale University), *Colonizing the Imagination: Apollo 11 and the 1960s Avant-Garde*

Julie Wosk (SUNY Maritime College), *Imaging the Space Age: The Impact of the Lunar Landing on Fashion and Film*

2:20-4:20 p.m.

POLITICAL IMPACTS OF APOLLO

Rosanna Perotti (Hofstra University), *Scientists without Borders: Immigrants and the Apollo Program*

Patricia Rossi (Independent Scholar), *The Launching of Apollo 11: An Examination of the American People's Reaction — Necessary Mission in the Space Race vs. Superfluous Government Spending — Sheer Lunacy*

Leslie Feldman (Hofstra University), *Leap Year: Space Influences On Television in the 1960s*

James Spiller (SUNY Brockport), *The Long Demise of the 'Space Frontier' - From Apollo to 21st Century Private Space Travel*

6:30-8 p.m.

SIGNATURE SPEAKER: DR. MAE C. JEMISON

*Toni and Martin Sosnoff Theater, John Cranford Adams Playhouse
South Campus



Dr. Jemison is the first woman of color to go into space, serving six years as a NASA astronaut. Aboard the Space Shuttle Endeavour's STS-47 Spacelab-J mission in September 1992, she performed experiments in material science, life sciences, and human adaptation to weightlessness. weightlessness.

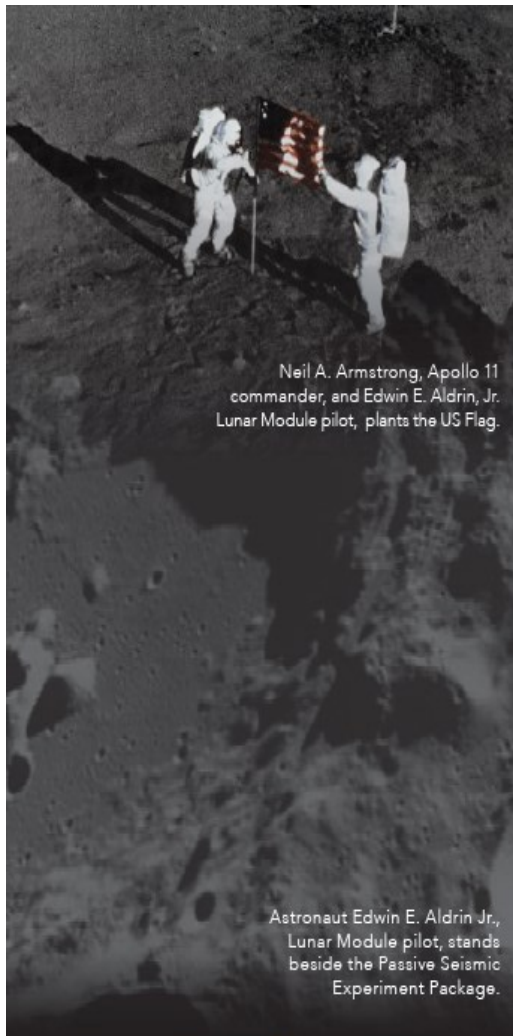


CONFERENCE EXHIBITION

TO TRANQUILITY AND BEYOND

commemorating the 50th anniversary of the
Apollo 11 Moon landing —
Irwin A. Lowenfeld Conference and Exhibition Hall, 10th Floor
Main Floor, First Floor
Reference Department, First Floor
Joan and Donald E. Axinn Library, South Campus

This exhibit includes images from collections within the Department of Special Collections and several NASA photographs, which highlight the role that Long Island played in the Apollo 11 moon landing. There were many Long Island men and women who were involved in the creation of the machinery that went into this historic event. When Buzz Aldrin and Neil Armstrong finally took those steps on the moon's surface many Long Islanders released their collective breath. The actual site on the moon where the LM touched down was referred to as "Tranquility Base"; these images take us to Tranquility Base and beyond!



Neil A. Armstrong, Apollo 11 commander, and Edwin E. Aldrin, Jr. Lunar Module pilot, plants the US flag.



Astronaut Edwain E. Aldrin Jr., Lunar Module pilot, stands beside the Passive Seismic Experiment Package.

Mike Stiller is Vice President, Development and Programming for the History Channel. During his time at History, Stiller has developed and commissioned a slate of hits and critically acclaimed documentaries. In 2014, he developed and executive-produced *The Curse of Oak Island*, currently the highest-rated hit series on History, and the #1 rated cable series on Tuesday nights. He developed the worldwide hit *Ancient Aliens*, *MonsterQuest*, and *Only in America with Larry the Cable Guy*. Stiller oversaw development at H2 where he shepherded the hit series Brad Meltzer's *Lost History*, and *In Search of Aliens with Giorgio Tsoukalos*. In 2017, he was the executive producer for *America's War on Drugs*, a six-hour premium documentary series exposing the secret history of the drug war, and *Road to 9/11*. He was executive producer of the Emmy-nominated *Third Reich: Rise and Fall*, *WWII in HD*, *Vietnam in HD*, *America Promised Land* which uncovered America's complicated history of immigration, and is an executive producer on the upcoming Watergate documentary with Academy Award winning director Charles Ferguson.

Prior to joining HISTORY, Stiller was a writer for MTV, Nickelodeon, and Noggin. In the 1990s, he developed video games, including *Men In Black: The Game*, and the award-winning children's interactive series *One Small Square*.

Dr. Kimberly Gilmore is Senior Historian and Vice President of Corporate Social Responsibility at HISTORY/A+E Networks. At A+E Networks, she works on education and public outreach initiatives including Save Our History and the Mission to Honor campaign which highlights the stories of veterans in American society. She serves as an editor of Idea Book for Educators and other educational publications of A+E Networks, and has written lesson plans emphasizing critical thinking skills, diversity and inclusion and primary source analysis. She serves on the board of the New York State Archives Partnership Trust and the Advisory Council of the California History Blueprint and serves as a content advisor for ReadWorks.org. Gilmore received her Ph.D. in American History from New York University.

WEDNESDAY, APRIL 3, 2019

9:05-10 a.m.

ASTRONAUTS IN FILM AND PRINT

John Rocco (SUNY Maritime College), *New Journalism and the Creation of the American Astronaut: Mailer's Of a Fire on the Moon and/vs. Wolfe's The Right Stuff*

Allison Whitney (Texas Tech University), *Lunar Exploration and the IMAX Experience: Magnificent Desolation and First Man*

10:10-11:05 a.m.

THE CHEMISTRY OF APOLLO

Sabrina Sobel (Hofstra University), *The Chemistry of the Apollo Missions*

Roger Turner (Science History Institute), *Apollo for Chemists*

11:15 a.m.-12:40 p.m.

SCIENTIFIC IMPACTS OF APOLLO

Caitlin Fendley (Purdue University), *"One Small Step" for Science: Risk, Contagion, and the Apollo 11 Moon Landing*

Nehru Cherukupalli (Hofstra University and City University of New York), *How different are the Apollo 11 Moon Rocks Compared to Earth Rocks?*

Fernando Espinoza (Hofstra University), *Scientifically Speaking we Know a Lot, or do we?*

2-3:30 p.m.

HISTORY CHANNEL presents APOLLO 11 DOCUMENTARY



Mike Stiller, Vice President, Development and Programming, History Channel



Dr. Kimberly Gilmore, Senior Historian and Vice President of Corporate Social Responsibility History/A+E Networks

3:45-4:30 p.m.

GRUMMAN DOCUMENTARY with CONNIE ANDERSON CASTILLA (Hofstra University)

Ms. Castilla, Class of 2020, presents a documentary about the memories, challenges and satisfactions of former Grumman engineers who worked on the historical construction of the Lunar Modules, the spaceships that landed on the moon and returned the astronauts safely during the Apollo program.

7-8:30 p.m.



SIGNATURE SPEAKER: DR. DOUGLAS BRINKLEY

*The Helene Fortunoff Theater, Monroe Lecture Center, South Campus

Dr. Brinkley is the Katherine Tsanoff Brown Chair in Humanities and Professor of History at Rice University; CNN Presidential Historian, and a contributing editor at *Vanity Fair*. Dr. Brinkley is an award winning Historian and *New York Times* best-selling author of the newly released *American Moonshot: John F. Kennedy and the Great Space Race*.



Dr. Matthew Hersch* assistant professor of the history of science at Harvard University, is the author of the critically acclaimed book, *Inventing the American Astronaut*, 2012 as well as numerous articles about Cold War-era aerospace, computer, and military technologies and their relationship to labor and popular culture.

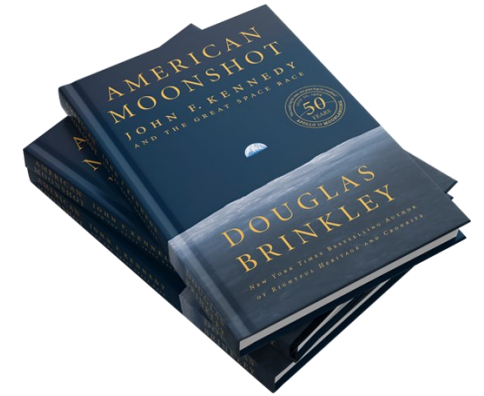


Dr. Mae C. Jemison*, engineer, physician, educator and entrepreneur served six years as a NASA astronaut and was the first woman of color in the world to go into space aboard the Space Shuttle Endeavour's STS-47 Spacelab-J mission in September 1992. Dr. Jemison currently leads 100 Year Starship, an initiative seed funded by DARPA to ensure the capabilities for human interstellar travel exist by 2112 global initiative."



*Awarded the Joseph G. Astman Distinguished Conference Scholar, Hofstra University. The award was established in 1985 in recognition of the outstanding role of the late founder of the Hofstra Cultural Center. Dr. Astman was a humanist, a cultural comparatist, and an international scholar.

Dr. Douglas Brinkley's appearance is a homecoming for Hofstra University as he taught here in the early 1990s. Today Dr. Brinkley is the Katherine Tsanoff Brown Chair in Humanities and Professor of History at Rice University, CNN Presidential Historian, and a contributing editor at *Vanity Fair*. In *American Moonshot: John F. Kennedy and the Great Space Race* (HarperCollins), this perennial *New York Times* best-selling author takes a fresh look at the space program, President John F. Kennedy's inspiring challenge, and America's race to the moon. Drawing on new primary source material and major interviews with many of the surviving figures who were key to America's success, Brinkley brings this fascinating history to life as never before. *American Moonshot* is a portrait of the brilliant men and women who made this giant leap possible, the technology that enabled us to propel men beyond earth's orbit to the moon and return them safely, and the geopolitical tensions that spurred Kennedy to commit himself fully to this audacious dream. Brinkley's ensemble cast of New Frontier characters include rocketeer Wernher von Braun, astronaut John Glenn and space booster Lyndon Johnson. A vivid and enthralling chronicle of one of the most thrilling, hopeful, and turbulent eras in the nation's history, *American Moonshot* is an homage to scientific ingenuity, human curiosity, and the boundless American spirit.



Apollo 11 Command Module
"Columbia," 1969



Astronaut Edwin E. Aldrin Jr., lunar module pilot, walks on the surface of the moon near the leg of the Lunar Module (LM) "Eagle" during the Apollo 11 extravehicular activity (EVA).