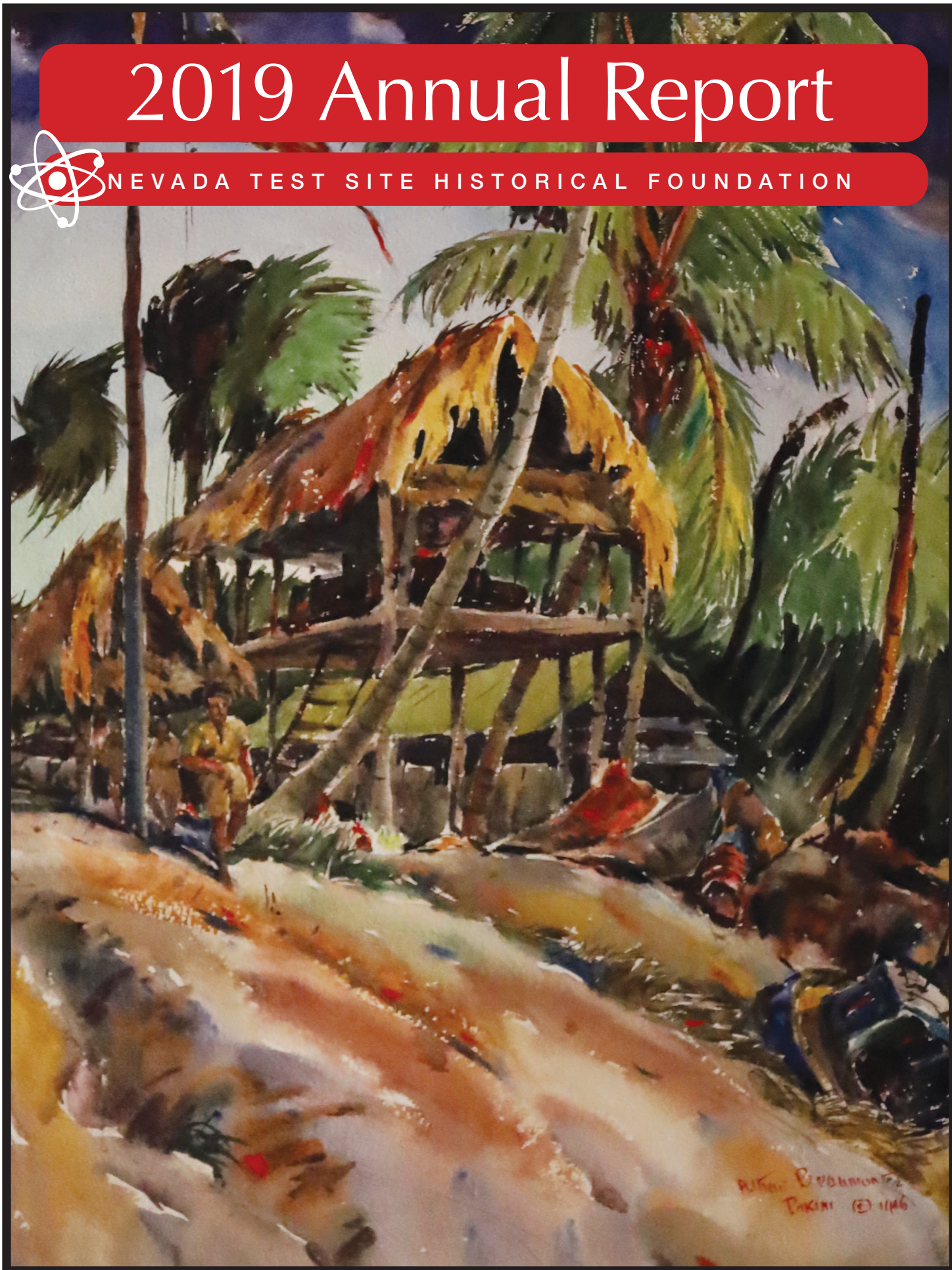


# 2019 Annual Report



NEVADA TEST SITE HISTORICAL FOUNDATION



## ABOUT THE COVER ART

Bikini Village, 1946, by Arthur Beaumont, depicts scenic tropical Bikini Island during atomic tests of Operation Crossroads. The painting is on loan to the museum from the Naval History and Heritage Command in Washington, D.C. Reprinted with generous permission from Arthur's son, Geoffrey Beaumont.

(This "Operation Crossroads Bikini Atoll Collection" exhibit will be on display in the Museum's Area 51 Theater until May 22nd, 2020. The entrance to the Theater exhibit is free. Please take advantage of this rare opportunity to enjoy these Smithsonian quality masterpieces.)

## ORGANIZATIONAL PROFILE

### MISSION

Objectively facilitate education and awareness of the science and technology associated with the past, present, and future of the nation's nuclear weapons testing and national security programs.

### VISION

We are a world-class facility that successfully educates the local, regional, and international community on the U.S. Nuclear Weapons Testing Programs and the National Security Programs being executed at the Nevada National Security Site. This experience will inspire visitors to seek further information and gain a better understanding of how this work affected, and continues to affect, our world.

### VALUES

Ensure Objectivity  
Champion Intellectual Curiosity  
Demand Integrity and Transparency  
Encourage Creativity  
Respect Diverse Opinions  
Strive for Excellence  
Value Learning

*"Learning from our past to enable a secure, peaceful future."*

## TABLE OF CONTENTS

From the Chairman.....	3
Executive Director's Report.....	4
Curator's Report.....	6
Education Director's Report.....	8
Finance Report.....	10
Board of Trustees FY 2019-2020.....	12
Staff & Volunteers.....	15
National Advisory Committee Members.....	16
Nevada Test Site Historical Profile: Frances Guinn.....	17



## FROM THE CHAIRMAN

Dear Foundation Trustees and Supporters,

In 2020, we celebrate the Foundation's 22nd year - and our 15th year of operating the National Atomic Testing Museum (NATM). As a testimonial to our success, in 2019 we welcomed more than 80,000 visitors from around the globe, including many local school students, to experience this unique and important piece of Nevada and national defense history, breaking all previous attendance records.

This also has been a year of good progress toward achieving our vision of making and maintaining the museum as a world class institution. We finalized our strategic plan, clearly delineating our major goals: to ensure our sustainability in the long-term; significantly enhance our education programs; and expand and diversify our community engagement. This report details our progress in this regard.



NTSHF Chairman  
John Longenecker

Our strategic plan also recognizes that we are at a critical point in our history. The NATM has operated with few changes to its core exhibits chronicling the history of nuclear weapons testing which ceased in 1992. Since then, the Nevada National Security Site (former Nevada Test Site) continues to support our national security through vital programs that ensure our nuclear weapons stockpile remains safe and reliable without actual weapons tests. Our goal is to update and expand the NATM's permanent exhibition to reflect these important national security programs. We must also significantly upgrade our museum technologies to appeal to multi-generational audiences.

This vision for the future has motivated us to consider relocating the NATM from its current space into one more suited for long-term growth, flexibility and increased attendance. We were successful in our request to the Nevada State Legislature for \$1M in funding for the express purpose of assessing relocation options. In addition, the City of Las Vegas has publicly supported a move to the downtown area which could enhance our attendance potential.

During 2019 we carefully examined eight potential sites and completed both a Master Relocation Plan and a detailed report, outlining the economic feasibility of the sites being studied. These deliverables will lead us to an informed and thoughtful decision in CY 2020. We have also raised over \$300,000 in required matching funds, triggering the release of \$300,000 from the Nevada State Legislature.

We are also very proud of another major accomplishment: the establishment of a National Advisory Council, whose members are national leaders in business and government. They are chartered to give us advice and assistance in key focus areas, including the development and implementation of our strategic plan. The NAC met with us twice during CY 2019, providing valuable input as we develop and implement our plans for the future.

And finally, our profound thanks to members, donors and generous supporters who volunteer their time and talent to assure that this important segment of national defense history not only survives - but thrives for many years to come!

With my best regards,

A handwritten signature in blue ink that reads "John R. Longenecker". The signature is written in a cursive, flowing style.

John Longenecker  
Chairman

## EXECUTIVE DIRECTOR'S REPORT

The National Atomic Testing Museum has enjoyed the best year of operation since our doors opened. We thank our staff for their hard work and give appreciation for the generous support of our members, donors, partners and volunteers. We are all especially grateful to the Department of Energy/ National Nuclear Security Administration/Nevada Field Office for our ongoing partnership. This has provided the space that we occupy in the Desert Research Institute's Frank Rogers Building. The support of the DRI and their staff is also greatly valued.

Significant accomplishments mark this year. Visitor growth continues. We exceeded 80,000 visitors with all events included in 2019, which is a 9 percent increase from 2018 and a 20 percent increase from 2017. We are especially pleased with the addition of our new and renewing corporate supporters, a vital part of our ability to sustain operations. In the coming year, we will place renewed emphasis on growing our membership base.

Our Distinguished Lecture Series had a banner year. It continues to bring to Las Vegas the best and brightest in their fields, from science to history, sharing their knowledge and experience on a wide range of topics. We are grateful for the support of the Nevada Humanities Council. Our many lectures and research interviews have been professionally filmed and are posted on our webpage at <https://nationalatomicmuseum.org/videos/>.

2019 has been an important planning and development year as we look forward to our future. We are discussing many new and exciting plans, some of which we will see come to fruition in 2020. These new plans will involve very unique exhibits.

These begin with the opening in mid-January of the "Operation Crossroads Bikini Atoll Collection." The United States Naval History and Heritage Command, with the encouragement of its commander, Admiral Samuel J. Cox, has arranged a loan of this collection which was painted during that first post-war atomic test. Our exhibit will mark the first time since 1947 that the bulk of these vibrant watercolors have been on display. The exhibit will run from January 20 to May 20.



NATM Executive Director Michael Hall

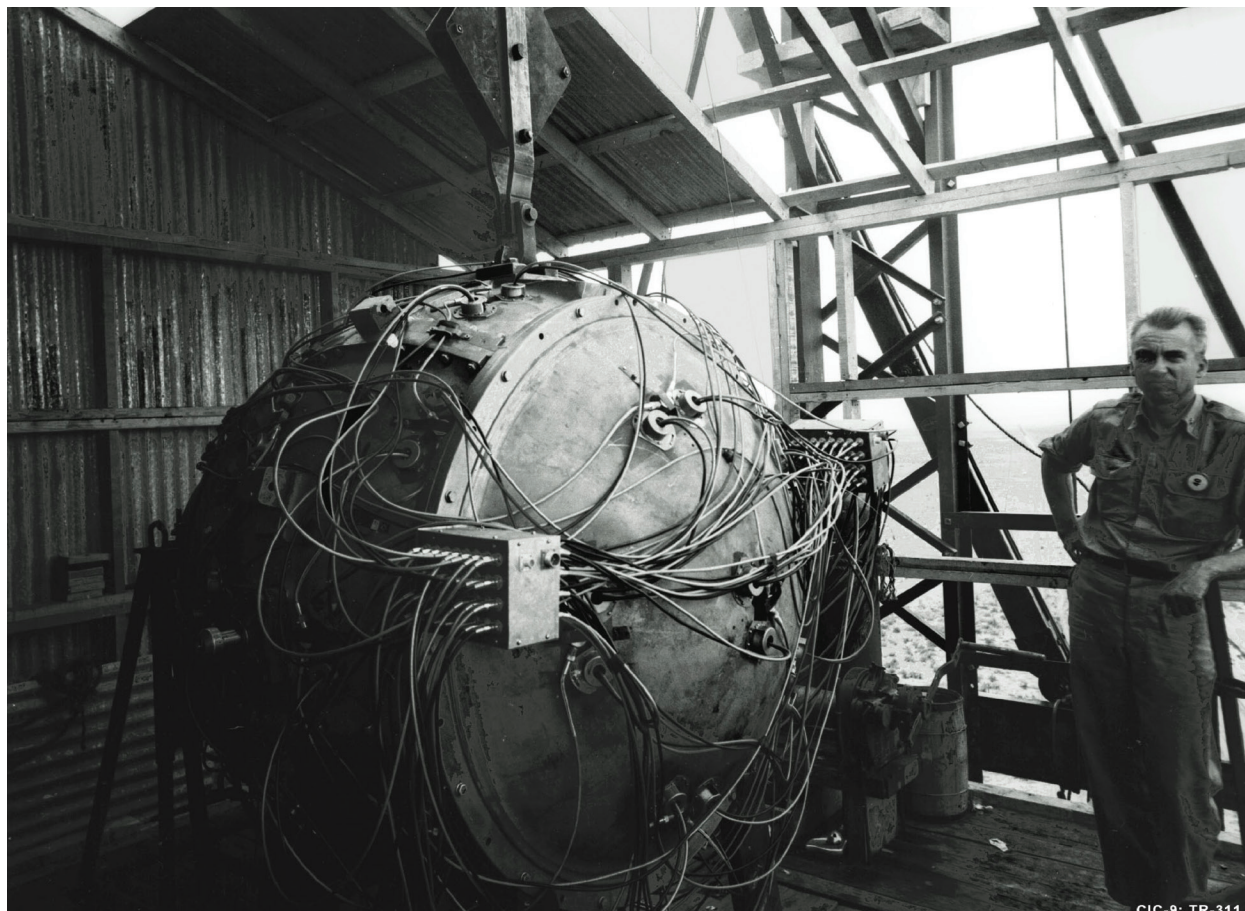


## EXECUTIVE DIRECTOR'S REPORT (CONTINUED)

Another one-of-a-kind exhibit honors the 75th anniversary of “Trinity,” the first nuclear test in history. The display will span approximately one third of the Area 51 Theater, which will allow us to continue the current popular daily theater showings while adding additional video features on the Manhattan Project and the Trinity test. We are pleased to have the services of our long-time exhibit designer, Andrew Merriell, and our consulting historian, Dr. Roger Meade, both of whom will be central to this exhibit. The 75th observation will begin with a Distinguished Lecture from world-renowned Manhattan Project scholar Richard Rhodes on Thursday, May 28, with an opening of the Trinity exhibit to the general public the following day.

Please continue to support us in 2020 as we begin these exciting new adventures and work toward another banner year.

NATM Executive Director  
Michael Hall



The Gadget, the name of the assembled Trinity device, on top of its test tower with Norris Bradbury standing next to it, second Lab director of Los Alamos National Scientific Laboratory

## CURATOR'S REPORT

This year we continued to add to the technology exhibit from the International Museum of Science and Technology (IMST) and added two new temporary exhibits. As the IMST gathers more items in to their archives, we keep helping them rotate out items on display. So far, we have hosted cellphone technology and security items, video games, early internet, and video capture and playback devices. Keep your eyes peeled for new displays as the new year goes on!

Our first temporary exhibit of the year was a month-long exhibit that was on loan from NASA. For the month of May, the National Atomic Testing Museum hosted a lunar rock to celebrate the 50th anniversary of the Apollo 11 moon landing. This priceless artifact traveled more than 200,000 miles from the moon to the Earth to land in our museum for a month. The Nevada Test Site played a critical role in the geological training of the Apollo astronauts. Selected because of the unique similarities between nuclear excavation craters and craters created by asteroid and meteor impacts on the moon, Apollo astronauts trained at key locations at the Site, such as Schooner Crater, Sedan Crater, and Buckboard Mesa.



(IMST) Science and Technology Exhibit



NASA Apollo astronaut training at the Nevada Test Site

The second exhibit is a fun look in to history of Las Vegas through gaming. Courtesy of our friends at The Museum of Gaming History, the nuclear and spaced - themed artifacts could be viewed in the museum's theater space. Artifacts included in this exhibit are an ashtray featuring a mushroom cloud design, along with an invitation possibly to one of the nuclear test viewing parties that were popular during the above ground testing days. The display also features a poker chip from Nellis Air Force Base and pieces from the old Star Trek: The Experience.



## CURATOR'S REPORT (CONTINUED)

In addition to new exhibits, we also gained an exciting new artifact. On display in the Manhattan Project case is a piece of graphite from the Chicago Pile-1 (CP-1). This was the first nuclear reactor that housed the first human-made self-sustaining nuclear chain reaction. Graphite, just like this piece, was used as a moderator in that reaction--it reduced the speed of neutrons to better support a self-sustaining chain reaction of uranium or similar fissile material. This first self-sustaining nuclear chain reaction took place on Dec. 2, 1942, at the University of Chicago in an experiment led by Enrico Fermi. It was the first major technical achievement of the Manhattan Project.

This year, the museum hosted more than 10 different researchers, including several journalists, and individuals looking for more information on their family's involvement at the Nevada Test Site.

The museum has also formed a stronger partnership with the Hiroshima Peace Memorial Museum after two of their employees visited all the way from Hiroshima, Japan. Please look forward to our future collaborations!

NATM Curator  
Natalie Luvera



Lunar moon rock



Hiroshima Peace Memorial Museum

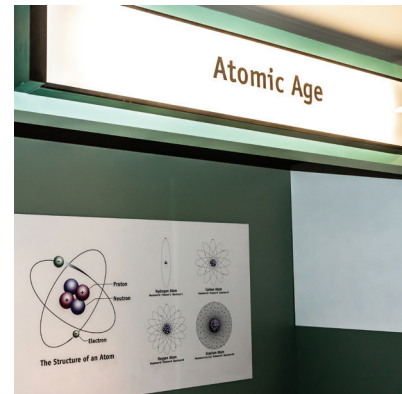
## EDUCATION DIRECTOR'S REPORT

From educational events and lectures to tours and community outreach, the National Atomic Testing Museum, a program of the Nevada Test Site Historical Foundation (NTSHF), had another successful year of educating and engaging the public in 2019.

### FIELD TRIPS

In 2019, over 2,000 students and chaperones from public, private, and homeschooled visited the National Atomic Testing Museum at a special school rate. As always, these field trips were led by the museum's team of docents, most of whom are career veterans of the nuclear industry.

The exhibits featured in the museum align with both Nevada Science and Social Studies standards for K-12 students, making field trips an excellent complement to classroom learning, and providing collection-based exhibits and related learning activities for greater public understanding and appreciation of the world in which we live.



NATM Atomic Age Exhibit

### RADIATION EDUCATION SEMINARS

The National Atomic Testing Museum offers seminars to middle, high school and college students, and adults interested in studying radiation science. These seminars can be held at the museum or in the classroom, and programming can be tailored to fit a variety of needs.

The 45-minute, standards-based seminars are taught by the museum's skilled volunteers, who have several decades of combined experience in radiation science (health physics), radiological remediation, nuclear emergency response, and nuclear experiment design, testing and management.

In 2019, the museum hosted seminars for students from the Defense Nuclear Weapons School at Kirtland Air Force Base and the Middlebury Institute of International Studies.

### EDUCATIONAL EVENTS

In August, the National Atomic Testing Museum once again partnered with the Office of the Honorary Consul General of Japan for Nevada and several local Japanese community groups to produce Journey through Japan, a day of learning about Japanese culture and history through hands-on activities like folding origami, using chopsticks, writing in Japanese calligraphy, and even making a kite.

The day also featured Taiko drum performances, Japanese dance groups, and koto instrument lessons.



NATM Seminar, Clark County workshop study group

### OUTREACH

This past April and May, the National Atomic Testing Museum continued its involvement in the annual Las Vegas Science and Technology Festival. Most notably, the museum participated in Science Is Everywhere Day, Science and Technology Expo, and May Science Be With You, in partnership with the Desert Research Institute.



## EDUCATION DIRECTOR'S REPORT (CONTINUED)

In November, the National Atomic Testing Museum was invited to attend the Air and Space Expo at Nellis Air Force Base. The museum engaged visitors with a hands-on Geiger counter activity and interacted with more than 250 families of active duty Air Force personnel and JROTC students.

In addition, the museum presented two workshops to educators from the Clark County School District in 2019. These seminars included a STEM and history-based classroom component followed by a museum tour. Teachers received professional development credit for attending. The sessions were led by NTSHF Board of Trustees and Nevada Test Site veterans.

Additionally, the Board of Trustees and staff continued making presentations on the science and history of nuclear testing to community groups and organizations around the Las Vegas Valley, including the Osher Lifelong Learning Institute at the University of Nevada, Las Vegas.



Dr. Stephen Younger

### DISTINGUISHED LECTURE SERIES

Each year, the National Atomic Testing Museum hosts its popular Distinguished Lecture Series, which in 2019, the museum presented eight exceptional lecturers, including Mark Martinez, President and Senior Manager at Mission Support and Test Services (Management and Operations contractor to the National Nuclear Security Administration's Nevada National Security Site), Glenn Podonsky, Executive Director of Enterprise Services at Department of Homeland Security's Science & Technology Directorate, Dr. Stephen Younger, former Labs Director at Sandia National Laboratories, and Francis Gary Powers, Jr., author of *Letters from a Soviet Prison* and *Spy Pilot*.

Recent speakers have discussed a wide range of topics, such as the Stockpile Stewardship program, homeland security in the digital age, the legacy of the USS Nevada, and the Cold War defining capture of U-2 spy plane pilot, Francis Gary Powers.

### EDUCATION FORECAST 2020

The National Atomic Testing Museum's schedule of educational programming for 2020 is beginning to take shape. In addition to continuing their successful existing programs and events, the museum plans to further diversify its offerings to visitors.

Geared to emerging professionals, Museum After Dark will see the NATM treat guests to a private tour along with the chance to see artifacts not normally on display. The museum will also be hosting a new series of talks throughout 2020. Separate from the established Distinguished Lecture Series, this series will be much more informal and will even include a provided meal. Families looking for educational opportunities for their budding scientists will enjoy the Summer STEAM Series, a rotating assortment of hands-on activities in the museum's Atomic Lounge.



NATM Model Display  
of the USS Nevada

NATM Education Director  
Joe Kent

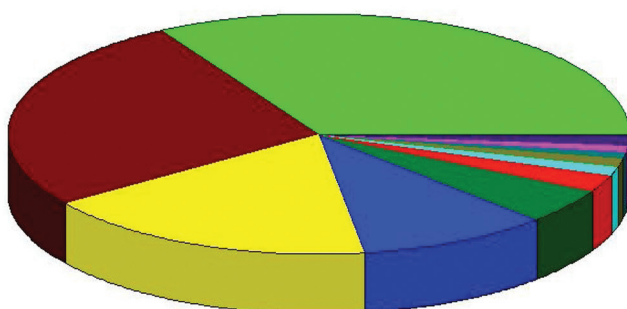
# FINANCE REPORT

## PROFIT & LOSS\* JANUARY THROUGH DECEMBER 2019

### Income

4010 Museum Admissions	872,560
4300 Donations	700,152
4410 Special Events	26,2801
4600 Membership	64,612
4700 Museum Store Sales	264,204
4855 In-Kind Contribution DOE Rent & Utilities	461,000
4860 In-Kind - Advertising	125,000
4870 In-Kind Museum Admissions	24,156
4900 Other Income	39,563
Total Income	2,609,689
Cost of Goods Sold	132,517
Gross Profit	2,477,171

### Income Summary January through December 2019



4010 · Museum Admissions	33.44%
4300 · Donations	26.54
4855 · In-Kind Contribution DOE	17.66
4700 · Museum Store Sales	10.12
4860 · In-Kind - Advertising	4.79
4600 · Membership	2.48
4856 · In-Kind DOE Utilities	1.23
4940 · License Plate Sales	1.18
4410 · Special Events	1.01
4870 · In-Kind Museum Admissions	0.93
Other	0.62
Total	\$2,609,688.67

\*Figures stated in this report are as yet unaudited and are subject to revision due to potential changes in estimates and accounting rule adjustments.

The NTSHF was awarded an appropriation by Senate Bill 501 of \$1 million dollars. Allocation of the award is contingent upon match made by NTSHF.

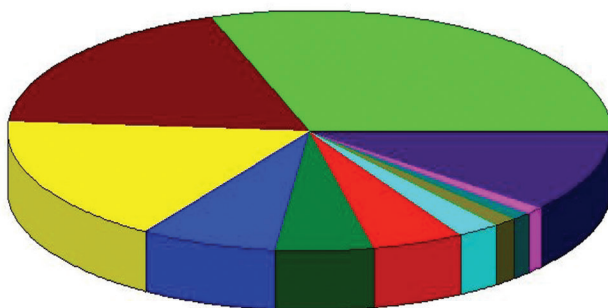


## FINANCE REPORT (CONTINUED)

### EXPENSE

6000 Payroll Benefits	750,997
7020 Advertising	180,742
7021 In-Kind Advertising	125,000
7026 In-Kind Rent & Utilities	493,161
7029 In-Kind Museum Admissions Exp	24,156
7030 Bank & Credit Card Fees	30,575
7042 Refreshments, Lunches, Dinners	20,593
7050 Consultants	494,083
7200 Exhibit Expense	13,143
7220 History Walk Brick Expense	1,925
7240 Licenses, Fees & Permits	1,244
7250 Automobile Expense	1,494
7270 Office & Supply Expense	30,388
7300 Memberships & Subscriptions	5,338
7420 Special Events Expense	17,087
7440 Training/Conferences/Seminars	22,308
7445 Software/Hardware/Training/Website	30,974
7450 Travel	18,807
7470 Insurance	15,621
7600 Janitorial Service	25,465
7620 Utilities & Telephone	10,654
8003 Interest Expense	9,343
Total Expense	2,323,097
Net Income	154,074

Expense Summary  
January through December 2019



6000 · Payroll Benefits	30.37%
7026 · In-Kind Rent	18.77
7050 · Consultants	17.16
7020 · Advertising	7.36
5000 · Store Purchases	5.28
7021 · In-Kind Advertising	5.09
7101 · IT Contract Agreements	2.37
7027 · In-Kind Utilities	1.31
7030 · Bank & Credit Card Fees	1.25
7600 · Janitorial Service	1.04
Other	10.01
Total	\$2,455,614.26

## BOARD OF TRUSTEES FY 2019-2020

### EXECUTIVE BOARD

Newly elected Trustees denoted in blue

**John Longenecker, Chairman (2022)** – President, Longenecker & Associates; former member, Board of Directors, Nuclear Energy Institute; former Chairman, General Atomics International Services; former DOE Deputy Assistant Secretary, Uranium Enrichment

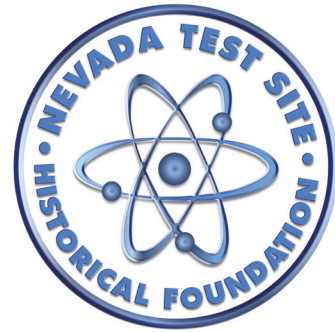
**Nelson Cochrane, Vice Chairman (2021)** – NTSHF Executive, Governance, and Finance Committees; former technical manager with EG&G, Lockheed-Martin Nevada Technologies and National Security Technologies, LLC at the Nevada Test Site

**Linda Smith, President (2022)** – Founding member; NTSHF Executive, Finance, Governance, Membership and Nominating Committees; former Acting Deputy Manager/Assistant Manager for Administration, DOE Nevada Operations Office

**Charles F. Costa, Vice President (2020)** – NTSHF Executive Committee; scientific consultant, Nevada Security Technologies, LLC; former Test Director, Los Alamos National Laboratory; and Captain (Ret) US Public Health Service

**Linda Rakow, Secretary (2021)** – NTSHF Executive and Education Committees; former Chief Financial Officer, SLAC National Accelerator Laboratory and Lawrence Livermore National Laboratory

**Pat Arnold, Treasurer (2022)** – NTSHF Executive Committee; Chair, NTSHF Finance Committee; Principal, Covelop, Inc., San Luis Obispo, CA; native of Southern California; grandson of Herb Grier, founder of EG&G, Inc.



### TRUSTEES

**Robert J. Agonia (2022)** – Founding member; NTSHF Governance and Education Committees; former DOE Nevada Operations Office Industrial Relations Director; former member, Peace Corps

**Nick C. Aquilina (2020)** – Founding member; former Manager, DOE Nevada Operations Office; former Manager, DOE Savannah River Operations Office; former Deputy Manager, DOE Idaho Operations Office

**John C. Benner (2020)** – Vice President, Mission Support and Test Services; former Los Alamos National Laboratory scientific leader for 25 years, leading the organization responsible for managing all weapon systems activities

**John Browne (2022)** – National Advisory Council; Former Director, Los Alamos National Laboratory

**Bruce W. Church (2022)** – NTSHF President Emeritus and founding member; former DOE Nevada Operations Office Assistant Manager for Environment, Safety and Health; member of Health Physics Society of America and Society for Risk Analysis

**Jack Doyle (2021)** – NTSHF Executive Committee; NTSHF Finance and Education Committees; former EG&G executive; led DOE Nevada Site Office's Remote Sensing Laboratory; founding member of the nation's Nuclear Emergency Search Team (NEST)

**Dale Fraser (2022)** – Founding member; former General Manager, Reynolds Electrical & Engineering Company, Inc.



**Mark Hall-Patton (2021)** – NTSHF Executive Committee; Administrator of the Clark County Museum system (including the Clark County Museum, Howard W. Cannon Aviation Museum and Searchlight Community Museum); 30 years of museum experience working in institutions in California, South Dakota and Nevada; past president, Nevada Museums Association

**Peggy Hallerberg (2021)** – Founding member; NTSHF Development Committee; former executive with EG&G, Inc. and associated with NTS programs for over 40 years

**Jim Holt (2021)** – NTSHF Development Committee; former President and General Manager, National Security Technologies, LLC; former Associate Director, Los Alamos National Laboratory

**Thomas O. Hunter (2020)** – National Advisory Council; former President and Director of Sandia National Laboratories; from 2011-2016, served as Chairman of the Ocean Energy Safety Advisory Committee, established to advise the Secretary of Interior on off-shore energy safety

**Mark W. Martinez (2020)** – President, MSTs; 23 years at Lawrence Livermore National Laboratory, most recently leading as Vice President and Principal Associate Director for Operations and Business; served as senior test director for LLNL experimental activities at the Nevada Test Site

**Cory Mazzola (2020)** – NTSHF Development Committee; Executive Fellow, Tuck School of Business at Dartmouth College; Management Instructor, SANS Institute; Co-Chair, International Museum of Science & Technology Exhibition; former Executive Director, Global Cyber Security, Sands Corporation; Global Manager, Security Programs and Strategic Services, Mandiant/FireEye, Inc.; developed and taught cyber security courses at the University of Maryland; Global executive, published author and invited guest speaker at international cyber security events

**Michael F. Mohar (2020)** – NTSHF Development Committee; Former Deputy Director, Remote Sensing Laboratory, National Security Technologies, LLC; former scientific positions with SAIC and Bechtel

**Mary E. Pike (2020)** – NTSHF Executive Committee; Chair, NATM Education Committee; former Director of Science, Health and Foreign Language for the Clark County School District; former Assistant Principal, Del Sol High School; and former science teacher, Von Tobel Junior High School

**Harry Steinke (2021)** – NTSHF Development Committee; President of VisX Corporation; VisX provides support services in the areas of mission execution, program integration, program management, process improvement, business operations, and strategic planning. He previously held a senior executive position at AECOM as Vice President, Federal Services Group (FSG), for Strategic Development. There he was chartered to broaden FSG's core capabilities to include research and development, science support, systems operation and maintenance, and logistics services

**Robert Stoldal (2021)** – NTSHF Development Committee; Chair, Nevada State Museum and Historical Society; Chair, City of Las Vegas Historical Preservation Commission; Charter Board Member/Vice Chair, Preserve Nevada; Vice Chair, Board of Directors, Mob Museum; Board Member, Nevada State Commission on Cultural Affairs

**David W. Swindle, Jr. (2020)** – Executive Vice President, EG&G Division, URS Corporation

**Alvin Trivelpiece (2020)** – Former Director, Oak Ridge National Laboratory; former Executive Officer of the American Association for the Advancement of Science; former Director, DOE Office of Energy Research; former Vice President, Martin Marietta Energy Systems; former President, Lockheed Martin Energy Research Corporation

**Ernest B. Williams (2021)** – Founding member; former budget officer and engineering technician, DOE Nevada Operations Office; former member, USAF

**Peter Zavattaro (2021)** – Founding member; NTSHF Executive Committee; NTSHF Finance Committee; NTSHF Development Committee; former President, EG&G Energy Measurements, Inc.

## BOARD OF TRUSTEES FY 2019-2020

### EMERITUS TRUSTEES

**Troy E. Wade, Chair Emeritus** – Founding member; NTSHF Executive Committee; former Department of Energy (DOE) Acting Assistant Secretary for Defense Programs; former Deputy Manager, Nevada Operations Office; former Manager, Idaho Operations Office

**Tom Axtell** – General Manager, KLVX-TV (PBS), Channel 10, Las Vegas, NV

**Joseph Behne** – Former Test Director, Los Alamos National Laboratory

**Ronald L. Kathren, PhD** – Past President and Life Fellow of the Health Physics Society; Past President of the American Academy of Health Physics

**Steve Mellington** – Retired federal manager of the DOE Nevada Field Office; former Assistant Manager for Environmental Management, DOE Nevada Field Office

**Dominic J. Monetta** – President, Resource Alternatives, Inc.; former DOE Assistant Secretary

**Jay H. Norman** – Former DOE Nevada Field Office Deputy Manager; former Los Alamos National Laboratory scientific manager

**William J. O'Donnell** – Attorney-at-Law, Las Vegas, NV

**John Thorndal** – Founding member; Partner, Thorndal, Armstrong, Delk, Balkenbush & Eisenger, Las Vegas, NV

### EX-OFFICIO MEMBERS

**Rick Higgs** – Manager, Lawrence Livermore National Laboratory Joint Laboratory Office Nevada

**Anthony J. Mendez** – General Manager, SOC, LLC, protective force services contractor, DOE Nevada National Security Site

**Darwin J. Morgan** – Founding member; Director, Office of Public Affairs, U.S. Department of Energy, National Nuclear Security Administration Nevada Field Office since 1989; prior to joining DOE, served as reporter, anchor and assignment editor for KVBC-TV, Las Vegas, NV from 1964 to 1989; KBIM-TV, Roswell, New Mexico, from 1980-1981; and KAUZ-TV, Wichita Falls, Texas, from 1981-1984

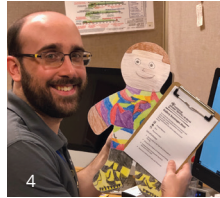
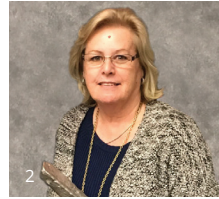
**Peter Ross** – Founding member; Assistant Vice President Campus Planning and Physical Plant, Desert Research Institute, the environmental research arm of the Nevada System of Higher Education

**Scott Traeger** – Manager, Los Alamos National Laboratory Joint Laboratory Office Nevada/Nevada Operations Manager; long-time Nevada Test Site engineer and technical manager; and former technical manager, DOE's Nevada Field Office



## STAFF & VOLUNTEERS

1. **Michael Hall** — Executive Director
2. **Kathy Powell** — Director, Marketing
3. **Cree Zischke** — Director, Strategic Initiatives And Philanthropic Partnerships
4. **Joseph Kent** — Director, Education
5. **Natalie Luvera** — Curator
6. **Alex Vlasyuk** — Museum Technician
7. **Jennifer Dimmick** — Store Manager
8. **Caryn Nacos** — Executive Assistant
9. **Sherry O'murray** — Events Coordinator



### CPA

**Elizabeth Borgmesser**

### ADMISSIONS/STORE

**Carol Billigmeier**  
**Eva Karttunen**  
**Austin McKenzie**  
**Melva O'Neill**  
**Melissa Puga**  
**Rozinnia Stambek**  
**Linda Luthi**

### VOLUNTEERS

**Scott Blair**  
**Nelson Cochrane**  
**Charles Costa**  
**Dale Cox**  
**Amanda Dacquel**  
**Jack Doyle**  
**Benjamin Dush**  
**Arianna Geraldo**  
**Quinton Gibson**  
**Jamie Guan**  
**Michael Heiner**  
**Erick Hernandez**  
**Lynda Israel**

**Zachary Lavine**  
**Richard Lopez**  
**Rosalia Lopez**  
**Michael Lukens**  
**Faye Mazzia**  
**Samuel McClain**  
**Richard Reed**  
**Clint Seal**  
**Jacob Siao**  
**John Sutcliffe IV**  
**Rodney Walker**  
**Ernest Williams**

## NATIONAL ADVISORY COMMITTEE MEMBERS

**John Browne** — Former Director, Los Alamos National Laboratory

**Linton Brooks** — Former US Ambassador; former Under Secretary for Nuclear Security & Administrator of the National Nuclear Security Administration

**Richard Bryan** — Former U.S. Senator and Governor, State of Nevada

**Don Cook** — Former Director, United Kingdom's Atomic Weapons Establishment; former Deputy Administrator for Defense Programs, DOE/NNSA

**Madelyn Creedon** — Former Deputy Administrator, NNSA

**Vince Houghton** — Historian and Curator of the International Spy Museum

**Tom Hunter** — Former Director, Sandia National Laboratories

**David Johnson** — Vice President, Honeywell Federal Solutions

**Robert Kuckuck** — Former Director, LANL & former Deputy Director, LLNL

**William Madia** — Vice President for SLAC, Stanford University; former Director, Oak Ridge and Pacific Northwest National Laboratories

**Glenn Mara** — Former University of California Vice President & Laboratory Management and Senior Executive, LLNL

**David Overskei** — President, Decision Factors, Inc.; President/CEO, CommNexus

**Glenn Podonsky** — Department of Homeland Security Science and Technology Directorate Executive Director, Enterprise Services

**Valerie Roberts** — Senior Vice President, Global Strategy, Jacobs Engineering

**K. Anne Street** — Former Vice President, Battelle and DynCorp

**Karen Wayland** — Principal, kW Energy Strategies; former Deputy Director for State and Local Cooperation, DOE Office of Energy Policy and Systems Analysis



## NEVADA TEST SITE HISTORICAL PROFILE

### FRANCES GUINN

On Friday, May 24, 2019, Fran passed away at the age of 76. Her friends and family view her as “the true spirit of the Nevada Test Site” — a dedicated, warm, and compassionate person who loved people and served her country with great pride.

Fran is survived by her sister: Yvonne Elizondo, and her adored six nieces and nephews. She was predeceased by two sisters and one brother: Sandra Nye, Marsha Robinson, and Michael Guinn. Fran leaves an NTS legacy that cannot be replicated. A memorial brick will be placed within the NTS History Walk honoring her, sponsored by her many devoted friends.

Frances “Fran” Guinn was born on July 31, 1942 in the small coastal town of Arroyo Grande, California. Her family later moved to Tehachapi, CA, where she graduated from high school in 1960. In May 1970, she was hired by Reynolds Electrical & Engineering Company (REECo), the (then) management and operating contractor for the Nevada Test Site (NTS), now known as the Nevada National Security Site. At that time, the underground nuclear weapons testing program was at its peak.

For over 30 years, Fran served in progressively responsible roles, many of them in direct support of nuclear weapons tests, and was eventually selected to lead REECo’s Visitor Control program. In this capacity, she reported directly to the top Department of Energy (DOE) Nevada management team. She was responsible for planning and executing national/international tours requiring high levels of diplomacy and sensitivity. This included responsibility for coordinating DOE tours and travel in support of the Marshall Islands programs, which were then under the purview of the Nevada Operations Office. She performed this role flawlessly.

The highlight of Fran’s career was her involvement in one of NTS’s highest profile events—a test called Kearsarge, executed in late summer 1988 when Soviet scientists and diplomats came to the NTS as the first phase of the Joint Verification Experiment (JVE). These were events designed to test and verify the size of nuclear tests on both US and USSR soil as a key part of those countries’ ongoing nuclear test treaty negotiations. The success of this test was key to the Threshold Test Ban Treaty being ratified by the US Senate in 1990.



## NEVADA TEST SITE HISTORICAL PROFILE (CONTINUED)

Fran's role was to organize and lead all tour activities associated with this important visit—the first time that the Soviets had set foot on NTS soil. She did this with grace and humor, arranging and leading tours around the local area, as well as a California Disneyland trip.

Of special note was a visit to the Siegfried and Roy show at the Mirage Hotel in Las Vegas when the Russian visitors were introduced to the stars of the show, including the famous white tigers! One visit to a local chain grocery store resulted in some of the Russian visitors stating their disbelief that the well-stocked shelves were commonly available to the public. It had to be a setup, they thought. Fran then took them to another store to prove otherwise.

The leader of the Russian team, Viktor Mikhailov, now deceased, authored a book about the JVE experience and Fran was the only non-scientific US person that he recognized and commended.

In 2007, Fran retired from National Security Technologies, one of the NTS management and operating contractors, and worked part time for AECOM. She spent most of her free time with her grand-niece. After suffering a severe heart attack, she didn't just become a resident of an assisted living residence, she devoted her time and energy to helping others at the facility. As was true during her glory days with the NTS, Fran was loved and adored by all.





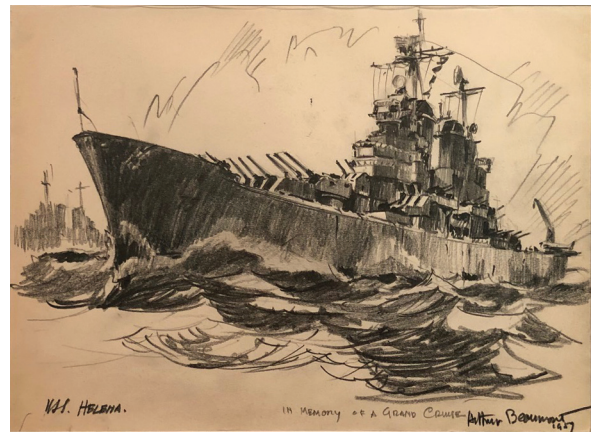


Portrait by Jean Appleton  
of Arthur Beaumont

Arthur Beaumont Art Collection  
"Operation Crossroads  
Bikini Atoll Collection"  
1946

Exhibited at the  
National Atomic Testing Museum

Courtesy of the United States  
Naval History and Heritage Command  
Washington, D.C.



In Memory of a Grand Cruise



The Capture



Remains of Bikini Village



The Oughtred Society



Roxie & Azad Joseph Foundation



Dr. Johnny Foster



Builders Circle

