



Intrepid

ADVANCEMENTS

AN EXCLUSIVE NEWSLETTER FOR MUSEUM SUPPORTERS



WWII plankowner Ed Coye, holding a photo of himself as a young sailor.



An *Intrepid* Vietnam era veteran at the ship's 70th Commissioning Anniversary Ceremony.



An *Intrepid* former crew member with a card of thanks from an *Intrepid* summer camper.

Intrepid Celebrates 70 Years

The *Intrepid* Sea, Air & Space Museum is home to a remarkable collection of artifacts, and at the heart of it all is the former USS *Intrepid*. The Museum also hosts a diverse aircraft collection, including a Blackbird and a Concorde, *Growler*, the only American diesel-powered strategic missile submarine open to the public, and the space shuttle *Enterprise*, the prototype NASA orbiter that paved the way for the space shuttle program. *Intrepid's* storied history was integral in the formation of the *Intrepid* Museum and all that has followed since opening in 1982. This August, the "Fighting I" turned 70.

On August 16, 1943, USS *Intrepid* (CV-11) was commissioned and entered active service with the U.S. Navy in a ceremony at the Norfolk Navy Yard. For *Intrepid's* first crew, their mission was clear: sail to the Pacific and help defeat the Empire of Japan. Arriving in the Pacific in January 1944, they would endure 19 months of fierce combat, anxious periods of waiting, deadly kamikaze attacks and trips home for repairs before victory was achieved.

Standing aboard *Intrepid* on commissioning day, the ship's first crew undoubtedly contemplated the long months of fighting they faced. However, they might not have imagined that *Intrepid's* service life would continue for decades, or that more than 50,000 sailors would follow in their footsteps. Designed for service in the Pacific, *Intrepid's* career included the Mediterranean,



the Gulf of Tonkin, the horn of Africa, and the Arctic Circle. It combed the seas for Soviet submarines, launched combat missions in Southeast Asia, trained midshipmen and aviators, received thousands of visitors in foreign ports and plucked astronauts from the Atlantic. Just when it seemed that the ship's career was over, it became a museum, educating and inspiring visitors from across the United States and around the world.

On August 16, 2013, 70 years to the day since the ship was commissioned, more than 250 former crew members returned to their ship to help the Museum celebrate the momentous milestone as part of the USS *Intrepid* Former Crew Member Homecoming Weekend. As the largest gathering of former crew members since the ship was decommissioned in 1974, the weekend was a watershed moment for the Museum for the wealth of opportunities it presented.

Anticipating these opportunities, the Museum began to lay the groundwork this past spring for an ambitious oral history project. A team from Columbia University's Center for Oral History trained Museum staff who then embarked on capturing oral histories for what will become an archive of

Continued on page 4

New Additions to Space Shuttle Pavilion

With the reopening of the Space Shuttle Pavilion in July, visitors not only get to experience *Enterprise* up-close again, but they are also treated to many notable exhibition enhancements. These additions include a larger viewing platform, newly developed educational content, and most prominent of all, the addition of amazing artifacts related to *Enterprise*.

A new exhibit highlights scientific achievements through examples of spinoff technologies of the Space Shuttle Program. Air purifiers, aerodynamic enhancements for trucks, and medical research devices seem commonplace in our lives but were first designed for application in human spaceflight.

Artifacts associated with the space shuttle *Columbia* accident investigation introduce visitors to technological research methods. After the *Columbia* tragedy in 2003, engineers sought to determine the cause, but also to develop a solution to prevent future accidents. An artifact display tells a large part of the story, and *Enterprise* itself still bears the scars from this testing.

Artifacts also highlight the influence of *Enterprise* on popular culture. In the late 1970s space shuttle-themed lunch boxes, model kits, and other toys helped to spark the imaginations of future space explorers.

Museum visitors now experience more about the history of the space shuttle through a display of early concept wind-tunnel models, which represent the genesis of a design that would ultimately become the orbiter vehicle we now recognize.



One of the new exhibit cases in the Space Shuttle Pavilion highlights *Enterprise*'s impact on popular culture.

The largest artifact in the new Pavilion, aside from *Enterprise* itself, is a flown spacecraft. The Russian Soyuz TMA-6 launched into space on April 15, 2005, and docked with the International Space Station (ISS) two days later. That October, after orbiting Earth 2,817 times, it returned to a safe landing in Kazakhstan carrying the Russian cosmonaut Sergei Krikalev, the American astronaut John Phillips, and the American spaceflight participant Greg Olsen. Olsen, an entrepreneur and inventor, was the third private citizen to orbit Earth on the ISS, and the Soyuz spacecraft is on exhibit thanks to his generous support.

This is by no means the final display configuration for the Space Shuttle Pavilion. The curatorial and collections staff are constantly seeking additional exciting objects for acquisition, so look for updates in the future and plan your next trip to the Museum today!



Spaceflight participant Greg Olsen returned to Earth from the International Space Station in this Soyuz capsule.



Space shuttle instruments on exhibit are identical to those used on *Enterprise* during its flight test career in 1977.

Do you have artifacts relating to our collection that you are interested in donating?
Please contact collections@intrepidmuseum.org for further information.

Science Summer Camp at Intrepid

Incoming Stuyvesant High School sophomore Audrey Lee said recently that she had a summer of "firsts" at the Intrepid Museum. In the spring, as a graduating middle school student in Queens, she applied to the Museum's free science, technology, engineering, and math summer camp called GOALS (Greater Opportunities Advancing Leadership and Science) for Girls. She had her first ever interview and was accepted into the program. Through the GOALS program, Audrey became friends with girls from all over New York City, met women scientists, took field trips to institutions like Columbia University's Pupin Astrophysics Lab, conducted experiments, built robots and kayaked on the East River.

The GOALS program enables young women to ignite their passion for science and learn about exciting opportunities from prominent women who devoted their education and careers to STEM fields (Science, Technology, Engineering and Math). In August, 48

young women entering 9th and 10th grade this fall completed the six week science summer camp. Intrepid Museum Camp directors Shihadah "Shay" Saleem and Zakia Grant facilitated more than 20 activities, coordinated and chaperoned six fieldtrips, organized five Youth Leadership Conferences, welcomed seven guests for workshops, rocked out during one extraordinary talent show and open house with parents, and enjoyed an overnight slumber party onboard *Intrepid*.

In a recent interview, Lee described highlights of her Camp GOALS summer, "We made hot air balloons at the Intrepid, visited the American Museum of Natural History, and went to an engineering workshop at Rutgers University. We caught and released sea creatures in Jamaica Bay, and even designed and made clothes. My favorite activity: a guided tour of the space shuttle *Enterprise*, where we learned what it's like to be in space."

All graduates of the GOALS program are invited to join previous GOALS summer camp alumnae for Science Weekends throughout the school year. The program is dedicated to building ongoing mentoring relationships between Museum staff and GOALS students through its year-long Science Weekends, an internship program, as well as ongoing college readiness training.

The GOALS program was launched in 2008 with a grant from the Motorola Solutions Foundation. The growth and impact of the program has been made possible through their ongoing support and the generous support of the Velaj Foundation, the Claire Giannini Fund and the New York Community Trust. Now in its fifth year, GOALS is seeing results as our graduates report that they have pursued careers in the sciences in college, working toward making the gender gap in the sciences a thing of the past.



Participants from the 2013 GOALS for Girls summer camp on the flight deck of *Intrepid*.
Photo credit: Amy Wolf-The New York Community Trust

Intrepid Celebrates 70 Years Continued from cover.



More than 250 former crew members attended the 70th anniversary celebrations.



D'Arcy Lawrence, daughter of Commanding Officer John Crieg Lawrence and Charlie Minter, son of Commanding Officer Charles Minter, with his granddaughter.

histories that touch on the Museum's three areas of focus: sea, air and space.

During Homecoming Weekend, Museum staff interviewed nine *Intrepid* former crew members—six of whom are *Intrepid* plankowners (members of the ship's commissioning crew). They shared harrowing stories of combat as well as humorous shipboard antics. Sverre Bach, who flew from *Intrepid* as a fighter pilot during World War II, described the awe-inspiring feeling of flying over Pacific islands

as naval battles that changed the course of history unfolded below his feet. These interviews form the start of a rich oral history collection that will include *Intrepid* and the other major artifacts of the Museum, and will help enhance our exhibits and education efforts.

The wealth of knowledge imparted in these interviews was not the only history shared that weekend. More than 50 individuals donated

Intrepid-related artifacts and memorabilia to the Museum's permanent collection. The donations represent the ship's entire Navy career, including uniforms, scrapbooks, film footage, medals, and photographs. Highlights include a sailor's World War II log book, 20 reels of Vietnam-era film, and audio recordings from a shipboard radio show. Additional donations continue to arrive. Elaine Charnov, Vice President of Exhibits, called the wealth of artifacts received a "game changer for the Intrepid Museum. These objects and

artifacts, which we will protect and preserve in perpetuity, will help shape future exhibits about the history of life aboard *Intrepid*, educating and engaging children and families for generations to come."

On August 15, the Museum unveiled a new exhibit featuring four major pieces of equipment that had never before been on public display. Working Below Decks, which runs through November 15, highlights a few occupations essential to the ship's operation. Operating *Intrepid* required the skills of 3,000 men, many of whom worked far from the excitement of the flight deck. The artifacts now on display—a printing press, a shoe stitching machine, an operating table and a laundry press—offer visitors a glimpse at compartments that are not currently open to the public, and expands the Museum's commitment to conveying the humanity behind the hardware and sharing what life was like aboard this "city at sea."

The former USS *Intrepid* forms a unique backdrop for all that we do at the Intrepid Museum. From educational programs and astronomy nights, to opportunities for our community to gather as we honor our veterans—*Intrepid's* service continues on as a center of education and inspiration, and will do so for many years to come.

FORMER CREW MEMBER HIGHLIGHT
David Benedict

David Benedict was born in November 1937 on the St. Regis Mohawk Indian Reservation in Hogansburg, New York. As a child, he watched many members of his community enlist in the military to fight in World War II. Native Americans have a notable history of serving in the United States military, and in 2010, according to statistics provided from the U.S. Department of Defense, represented the highest per-capita commitment of any ethnic population to defend the United States.



David Benedict

Benedict helped run the family farm while his older brothers served in the Army, and in 1958 he enlisted with the U.S. Navy and reported for duty on board *Intrepid*. Benedict was first assigned to B Division in the Engineering Department and to No. 2 Boiler Room. The conditions were hot and loud—the boiler room generated steam that was used throughout the ship, from the steam-powered turbines that propelled the ship, to steam catapults that launched airplanes and steam presses for ironing uniforms. A few weeks later, a position opened for a Yeoman for the Engineering Department, and he moved "upstairs" where he was responsible for

upkeep of the Hull Records and assisted in inspecting the ship for maintenance issues.

Though Benedict served on board *Intrepid* during peacetime (October 1958-July 1961), it was still a very dangerous place for the crew. On April 25, 1961, steam lines in a fire room ruptured, and steam registering 800 degrees spewed into the 2nd and 3rd decks. As Benedict and his crew evacuated the area, he heard a cry for help. Realizing that a crewmate was trapped in the Admin Office, Benedict

crawled on his hands and knees in treacherous conditions and succeeded in rescuing the trapped sailor. Commanding Officer J. Lloyd Abbot, Jr., praised Benedict's "outstanding display of bravery" in a Letter of Commendation.

Benedict transferred from *Intrepid* a few months later and went on to have a 17 year career in the Navy, including a post in Christchurch, New Zealand, as part of Operation Deep Freeze, where he assisted the National Science Foundation with their research in Antarctica. As a young boy growing up in upstate New York, the farthest he ever traveled from home was to Niagara Falls. By the time he retired from the Navy, he had visited 32 countries—even welcoming his first son in Nice, France, where he was homeported with his wife Joyce.

When Benedict looks back on his Navy career, he thinks of *Intrepid* as his first love—it was his first ship, after all. "A lot of stories happened here, and no two are alike." The Museum is thrilled to announce that David Benedict's story will soon be included in our oral history project, when he travels to New York in November.

Intrepid Museum's Veterans Day Ceremony

The Intrepid Museum will mark Veterans Day with a ceremony on the Flight Deck at 3pm on Monday, November 11. The event is open to the public, and all are invited to attend.

Seats are reserved for Intrepid Museum Members and former crew members of the USS *Intrepid* and *Growler*. To reserve your seat, please call 646-381-5033 or email RSVP@intrepidmuseum.org. For more information, please visit www.intrepidmuseum.org.



Are you a former crew member of *Intrepid* or *Growler*? We want to hear from you! Please contact Carly Goettel at 646.381.5279 or cgoettel@intrepidmuseum.org.

DONOR HIGHLIGHT

Cantor Fitzgerald & Bridget Moynahan

Each September 11, the investment bank of Cantor Fitzgerald and its affiliate, BGC Partners, commemorate the 658 Cantor employees lost in the 9/11 World Trade Center attacks by hosting a charity day and donating all revenues raised on the day to charities around the world. For the fourth year in a row, Cantor selected the Intrepid Museum to participate.

In the aftermath of 9/11, the FBI requested use of the Museum, which offered a unique combination of a secure site with land, sea, and air access and an easy approach to Ground Zero, as an emergency operations center. Over several weeks, 500 FBI agents and other law enforcement operated from *Intrepid* night and day, launching the initial investigation into the attacks, fielding half a million phone calls, and compiling important intelligence.

While *Intrepid* retired from active duty in 1974, the ship was proud to serve our country once again and play a role in our nation's response to the attacks.

This September 11, actress Bridget Moynahan served as the Museum's ambassador at Cantor's charity day. Making phone calls to clients and chatting with brokers to facilitate deals, Bridget worked alongside fellow actors Julianne Moore, Billy Crystal, Whoopi Goldberg and Jamie Foxx to raise more than \$12 million on behalf of 40 participating charities.

Bridget, who currently stars on CBS's *Blue Bloods*, has long been a fan of the Museum. "The Intrepid Museum provides the public with so many invaluable history lessons and was a haven during one of our nation's worst tragedies. It was a privilege for me



Bridget Moynahan on the trading floor at Cantor Fitzgerald. Photo credit: Mike McGregor/Getty Images

to help give back to the Museum while honoring some of the men and women we lost on 9/11."

Intrepid Education Department Receives High Praise

This summer, the Museum received two awards acknowledging achievements in the field of museum education: the Center for Interactive Learning and Collaboration (CILC) Pinnacle Award and an award from the New York City Department of Education as part of their Teacher Education for Advanced Science Preparation (TEASP) initiative.

The Pinnacle Award from CILC is presented annually to organizations delivering outstanding K-12 grade standards based interactive videoconferencing programs. Since July 2012, the Museum has delivered programs to schools in New York State; New

Jersey; Vincenza, Italy; Tyabb, Australia and Bitburg, Germany.

The TEASP award was presented in recognition of the Museum's Professional Development programs. Each spring, teachers participate in full-day science-focused workshops, which give teachers the platform to deliver unique science-based lessons they can then tie to their classroom curriculum. This year, 6th to 8th grade educators were asked to participate in a workshop testing the water quality of the Hudson River. Ultimately this exercise allowed teachers to engage in scientific experiments, facilitating discussions of chemistry and the sociological study of how the Hudson River

affects local communities resulting in an interdisciplinary approach to teaching. All lessons were written, designed and facilitated by Museum Educators.



Become a Museum Member!

Membership at the Intrepid Museum comes with fantastic benefits, like unlimited Museum admission and exclusive after-hours Member

Open Houses—and it also provides vital support for our innovative education programs and exhibits. To find out more information, or

to renew your membership, please visit www.intrepidmuseum.org/membership or call 646.381.5030.

PROJECT ENTERPRISE BE A PART OF HISTORY

With your support, we can build a permanent home for the historic space shuttle *Enterprise*. Its new home at the Intrepid Museum will celebrate *Enterprise's* illustrious history and create a thriving center for science, technology, engineering and math education programs designed to inspire future scientists, engineers and researchers.

With a donation of \$250 or more you may sponsor a star. Your star will be prominently represented in *Enterprise's* temporary exhibition pavilion and in its future permanent home.

Join *Enterprise* on its next and final journey by making a donation via our website or by calling Sian Dunn at 646-381-5201.

INSCRIBE. HONOR. INSPIRE. SEATS of HONOR HONOR A HERO, COMMEMORATE A SPECIAL CONTRIBUTION

Reserve a personal Seat of Honor in the Intrepid Sea, Air & Space Museum's Allison and Howard Lutnick Theater.

Honor an American military service person's contribution to our nation through the Seats of Honor theater seat naming program. Honor a family member or friend who served and create an enduring link to our nation's proud military history of heroism and freedom.

Seat reservations, including a solid brass seat plaque and personalized inscription, are offered at \$2,500 per seat. A special rate of \$1,250 is available through December 31, 2013, for former crew members of the USS *Intrepid* and *Growler*.

Dedication ceremonies occur twice a year on Memorial Day and Veterans Day. For more information visit www.seatsofhonor.org or call 1-800-223-0062.

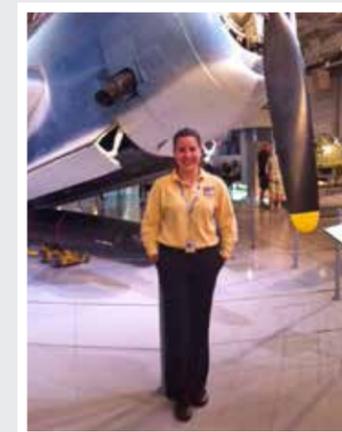
VOLUNTEER HIGHLIGHT Elyse Richardson

Elyse Richardson began volunteering at the Museum in the fall of 2010 and has become an invaluable member of the Intrepid team. Her first trip to the Museum was as a young child, where an interest in military history was ignited.

Born in Manhattan, Elyse graduated from Cornell University and now works for Quidsi, the parent company of soap.com. While managing a successful career, Elyse found herself wanting to give back to her community, and she immediately thought of the Intrepid Museum and how much she enjoyed her visits as a child.

From assisting with events like SpaceFest to greeting guests and fielding questions as they arrive at the Museum, Elyse always has a welcoming smile that seeks to

especially engage our younger visitors—visitors filled with wonder at the sheer scale of the Museum who often remind Elyse of herself.



Elyse Richardson

"Stepping onto *Intrepid* is like stepping into history. To see the wonder in visitor's eyes as they take in the feats of engineering that made *Intrepid*, *Growler*, and *Enterprise* possible—it's truly inspiring."

—Elyse Richardson



For more information, please contact the Office of Institutional Advancement at 646-381-5201 or support@intrepidmuseum.org

INTREPIDMUSEUM.ORG



Intrepid ADVANCEMENTS

AN EXCLUSIVE NEWSLETTER FOR MUSEUM SUPPORTERS

In this issue:

- 01 | *Intrepid* Celebrates 70 Years
- 02 | New Additions to Space Shuttle Pavilion
- 03 | Science Summer Camp at Intrepid
- 05 | Former Crew Member Highlight: David Benedict
- 06 | Donor Highlight: Cantor Fitzgerald and Bridget Moynihan
- 07 | Intrepid Education Department Receives High Praise/ Volunteer Highlight: Elyse Richardson

