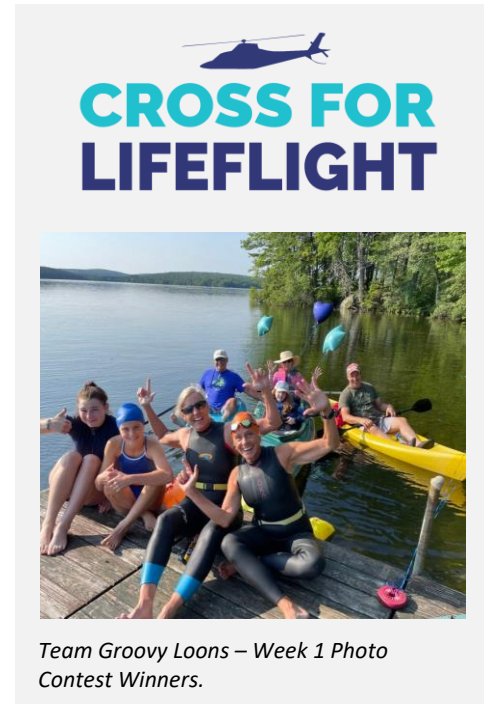


Cross for LifeFlight

In August, **more than 150 participants** swam, biked, hiked, ran, paddled, rowed, or walked as part of the Cross for LifeFlight, the state's premier, self-led, multi-activity event. Collectively, participants **covered more than 2,600 miles** from all points of Maine (and beyond) and **raised \$355,275**. LifeFlight is deeply grateful for the commitment and dedication of participants and for the **generosity of the 1,800 donors** who supported them. Every mile crossed and each dollar raised helps LifeFlight bring a third, upgraded critical care helicopter to Maine.

Special thanks to event sponsors, including:

- **Beacon sponsors:** Camden National Bank, Viking Lumber, and Sea Dog Brewing.
- **Hope sponsors:** Maine Magazine, Broadreach PR, MaineHealth, and the Jett Travolta Foundation.
- **Inspire sponsors:** Kittery Trading Post, LL Bean, Eaton Peabody, Fisher Plow, J. Edward Knight Insurance, Journey's End Marina, and LandVest.
- **Support sponsors:** Gorham Savings Bank, Brio, and Horch Roofing.



Aircraft Campaign Update

Looking toward the horizon is a necessity in air medical transport, so four years ago LifeFlight began the effort to replace, modernize, and standardize the entire helicopter fleet. **Standardization is invaluable to the pilots, mechanics, and clinical crews who move from one aircraft to another**, because the layout, switches, avionics, medical mounts, lighting, etc. are consistent. Thanks to the community of dedicated supporters, two new helicopters joined the LifeFlight fleet in the past year: **LF in November 2020** and **XM in March 2021**.

LifeFlight is aggressively seeking support that will allow us to take delivery of the third, upgraded aircraft in 2022.



XM at the LifeFlight Lewiston Base.

With \$3.3 million raised to date, and an extraordinarily generous \$1 million challenge match from an anonymous donor, securing the remaining \$3.2 million is the most urgent priority for the LifeFlight Foundation. LifeFlight extends a sincere thank you to all who have contributed thus far, and encourages anyone who is interested in learning more about the match to contact Kate O'Halloran at 207.314.5230 or mohalloran@lifeflightmaine.org.

New Faces at LifeFlight of Maine/LifeFlight Foundation

Bill Cyr was appointed the Chief Operating Officer of LifeFlight of Maine in April 2021. Bill became involved in EMS in high school and received his EMT certification at age 16. As an EMT he was introduced to flight nursing and that became his career goal. During nursing school at Northeastern University, Bill worked for the City of Boston's EMS division and upon graduating, was one of the first nurses to work in a Boston emergency department, at Brigham and Women's Hospital. His first opportunity to join the flight nursing ranks came several years later when he was hired by UMass LifeFlight in Worcester, MA. After a decade of service, Bill joined Boston MedFlight, where he worked his way up the ranks and eventually became the Chief Operations Manager. In 2018 Bill moved to Denver, CO to help reorganize and expand the Children's Hospital Colorado's Neo/Peds transport program as the Chief Flight Nurse/Program Director. In addition to his Nursing degree, Bill has a Master's in Healthcare Management and Informatics from the University of Massachusetts. Bill and his wife reside in Belmont, Maine, and have three grown daughters.



Ashley MacMillan was appointed the (first) **Director of Annual Giving** of the LifeFlight Foundation, with nearly 10 years of development experience. Ashley's most recent role was the Annual Giving Manager at Maine Cancer Foundation, where she was responsible for donor relations, annual giving, communications, and assisting with events. She earned a B.A. from University of Maine Orono and her M.B.A. from University of Southern Maine. In December of 2005, the LifeFlight crew saved her father's life, so she is truly grateful and excited to have joined the LifeFlight team!

Brian Allenby was appointed as the **Director of Communications** of the LifeFlight Foundation and LifeFlight of Maine, with 20 years of communications, marketing, and fundraising experience at a variety of non-profit organizations and small businesses, ranging from the music industry to transportation advocacy to environmental initiatives. As Communication Director at the Bicycle Coalition of Maine, Brian managed all digital and print publications, online platforms, organizational marketing, IT, and event promotion. Most recently, Brian served as the Senior Director of Operations for Annual Giving Network. Brian has a B.A. in Political Science from American University. He is thrilled for the opportunity to serve the people of Maine once again.



New Foundation Trustees Appointed

The Foundation also welcomes six new Trustees to its Board, as of July 1, 2021:

- **Zachary Brandwein** is an attorney at Bernstein Shur in the Municipal & Governmental Services and Commercial & Governmental Finance Construction practices. Zack resides in Portland, Maine.
- **Diane Danielson** is the COO of MatMarket LLC, a launchpad for innovative brands that bring sustainable solutions to the high-performance footwear, glove, and apparel industries. A pioneer in digital media, Diane launched the first social network for businesswomen in 2006. Diane currently lives in Biddeford, Maine.
- **Bob Montgomery-Rice** is the President and CEO of Bangor Savings Bank. Bob recently served on the Governor's Economic Recovery Committee, co-chaired the Innovation and Tourism subcommittees, and served as Chair of the Maine Bankers' Association. Bob resides in Hampden and Cumberland, Maine.
- **Linda Varrell** is the Founder and President of Broadreach Public Relations, LLC, an award-winning, women-owned strategic communications firm based in Portland, Maine. She is nationally accredited in public relations (APR), holds a Master's Degree in Organizational Leadership, and serves on numerous nonprofit boards. Linda lives in Yarmouth, Maine.
- **Quentin Walz** leads fundraising for DataKind, a pro bono global data science consultancy. He is a 20+ year digital media professional working for such large publishers as Hearst, Meredith, and Fast Company. During that time, he was an active fundraiser with a number of charity organizations. Quentin currently lives in Camden, Maine.
- **Cynthia Williams** is a retired partner from Dechert's global finance practices. She has authored numerous thought leadership articles in industry publications and is a regular presenter at industry association conferences on relevant regulatory and market issues. Cindy currently lives in Spruce Head, Maine, and Beverly, Massachusetts.

A Busy Summer in Maine

In the past year, residents and visitors alike have explored Maine from Ogunquit to Fort Kent, Lubec to Rangeley, and everywhere in between in greater numbers. An increase in out-of-state visitors and outdoor activity means more accidents and more medical emergencies. In a normal year, summer is a busy season for LifeFlight and its partners, and with the increased traffic, the essential role that LifeFlight plays within Maine's recreation and tourism industry is increasingly evident and expanding.

This summer was one of LifeFlight's busiest yet, with an **average of eight patient transports each day**. This is 25% higher than the normal average of approximately six transports each day. **June and July saw record numbers of patient transports with 244 and 253 respectively.**

On two separate summer weekends, **LifeFlight cared for and transported almost 30 patients within 72 hours**. During one of those periods, LifeFlight answered calls for assistance from **23 different hospitals in 15 out of 16 Maine counties**.

LifeFlight's COVID-19 Response

Between the onset of the pandemic in early March 2020 and August 2021, LifeFlight transported 2,580 patients. 1,513 of those patients, or 59%, were COVID-19-positive, with symptoms and presumed positive, or with symptoms and uncertain status due to emergency critical illness or injury. COVID-19 patients span the entire age spectrum from some of the youngest to our oldest citizens. With the continued prevalence of asymptomatic transmission, every patient is cared for as if they are highly infectious, in addition to their primary medical condition. This has become even a greater concern with the Delta SARS Co-V-2 variant. Despite caring for some of Maine's most critically ill patients, such as those on full cardio-pulmonary life support (ECMO), and performing invasive procedures, **LifeFlight has not experienced any transmission of COVID-19 from a patient to clinician or clinician to patient.**

LifeFlight's main objective for the past 18 months has been to treat and transport patients safely and to keep crews healthy so they can continue caring for Maine's most critically ill and injured. The LifeFlight team has continually updated methods of treatment for respiratory-failure patients needing complex airway and ventilation management, and working with colleagues across the country, has updated clinical guidelines for ventilation management nine times since April 2020. Further, many of LifeFlight's statewide educational and training programs have been transitioned to a virtual environment.

With the increased caseload due to the Delta variant, the number of COVID-19 patients being cared for and transported is expected to continue to increase through the fall and winter.

LifeFlight In the News

Tom Judge, the Executive Director and Founder of LifeFlight of Maine, was recently recognized as one of Maine Magazine's "Mainers of the Year," alongside Governor Janet Mills, David Roux, Kerem Durdag, Dr. Dora Anne Mills, Dr. Nirav Shah, and others.

The magazine described the winners as Mainers who "lead with resourcefulness, compassion, and creativity. They provided steady leadership while others were stoking fear and confusion. They reinvented their businesses and organizations to keep Mainers employed. They cared for our children and kept us healthy. They provided escapes to the outdoors and other worlds when we needed them the most. They elevated marginalized individuals and demonstrated the power of art. They showed us a path forward."

The LifeFlight Foundation and LifeFlight of Maine celebrate Tom's award, but even more importantly the amazing effort that the entire team brings every day.



Education & Training Update

Remote Learning & Simulation Labs

In June, LifeFlight secured a generous gift from the Bangor Savings Bank Foundation to create simulation labs at each of the three bases in Bangor, Lewiston, and Sanford. Simulation is essential to LifeFlight’s training and education work, and now all three locations will be virtually connected to provide advanced critical care training with “real” patients for LifeFlight staff, community hospital staff, and EMS providers across the state of Maine. In addition to providing 24-hour access for clinicians, each lab will also host a remote learning platform, which is particularly useful for LifeFlight Academy education programs. Lead instructors will present programs from one site, with smaller groups of trainees practicing at each remote site/education lab.



Bangor Savings Bank Foundation Simulation Lab.

Construction on the labs started in June with the creation of simulation control rooms and meeting spaces for reviewing recordings and the critique of patient care practices. Two high-fidelity patient simulators and the technology that controls them have also been installed. “Hal” and “Pediatric Hal” have become lifelike patients under the skillful control of a simulation educator. In the coming months, the audio/video recording platform and patient care equipment will also be completed. An official grand opening for the simulation labs is tentatively planned for December 2021.



Critical Care Academy Tissue Lab in Damariscotta

LifeFlight Critical Care Academy

A new Critical Care Academy for both LifeFlight staff and external clinicians started in mid-September and will continue through the fall. The goal of the program is to help transform the critical care workforce in the state, creating a pipeline of highly qualified clinical staff who are fully prepared for flight duty with LifeFlight or for appointment to hospital ICUs or emergency rooms. The sessions focus on situational assessment, procedural skills, critical thinking, and developing a team approach. The subject matter covered includes airway skills, ultrasound, extrication skills, neonatal and pediatric simulations, ventilator training, safety and survival training, and other topics.

New Clinical Educator Hired

LifeFlight recently hired Steve Babin as the new Senior Clinical Educator. Steve was one of the original flight nurses starting with LifeFlight in 1998 and brings his diverse experience and background to the position. In his new role, he will be responsible for developing curriculum and coordinating outreach with EMS agencies, hospitals, and any other healthcare entities requesting critical care education. In addition to helping with the curriculum development of Critical Care Academies that will be offered throughout the state of Maine, Steve will also be working collaboratively with the Director of Clinical Operations to assist in the continued development of the LifeFlight of Maine clinical orientation.

Aviation Infrastructure

LifeFlight continually works to develop state-of-the-art aviation systems and infrastructure that support safe operations. This directly impacts the organization's ability to serve a state with a vast geography and varied weather conditions. LifeFlight has worked with local communities, the Maine Department of Transportation, and the Federal Aviation Administration on recent projects that include:

- Installing weather-resistant security cameras with infrared capabilities and internet feeds at airports and hospital/community helipads across Maine. This project is supported by funding from a Homeland Security grant. Some of these camera feeds will also be available to the public and will serve aviators around the state.
- Collaborating on the **FAA NextGen National Model Demonstration Project** which includes six additional rural Maine routes and 14 procedures in process, all of which promote safe aviation in more marginal weather conditions.
- Assisting the Town of Bar Harbor with building a helipad, Jackman and Princeton with runway projects, and Machias with airport reconstruction.
- Developing new instrument approach/departure GPS procedures for Rangeley, Greenville, and Jackman.



Runway camera image at Pittsfield Municipal Airport.

Medical Care & Technology

Last year, LifeFlight served a record number of patients with **2,304 missions** connecting every corner of Maine. The organization recently **surpassed 32,000 patients transported** since the first mission in September 1998. LifeFlight continually adapts to emerging best practices in medical care and some of the highlights in the past year include:

- Expanding the cardiac intervention program for patients on full cardio-pulmonary bypass (ECMO) with Maine Medical Center, Central Maine Medical Center, and Eastern Maine Medical Center.
- Deepening the partnership with Eastern Maine Medical Center's Rosen Neonatal Intensive Care Unit for the transport of premature newborns. This is especially important in communities where hospital obstetrical services have been curtailed and **LifeFlight teams are now taking on primary responsibility for transport.**
- Implementing new ultrasound technology, new infusion pumps, and new Hamilton ventilators – the latter made possible by the generous support of donors.



Hamilton T-1 ventilators are being installed and provide improved care to COVID-19 patients.