

Gleanings

10 years ago

From the Journal Tribune: "Sitting in storage is a piece of firefighting history that likely saved lives and property, but also marks the beginning of Saco and Biddeford's firefighting history. The Saco Fire Department still takes care of the Niagara, Saco and Biddeford's 156-year-old first piece of firefighting apparatus. Known as a tub, the Niagara was able to draw water from a cistern, like the one accidentally uncovered last week next to City Hall, or from a bucket brigade."

50 years ago

From the Biddeford-Journal: "A new study of income brackets reveals that more families in York County are in the 'over \$4,000' categories and fewer in the lower income groups than in most communities in the State of Maine. Locally, the trend in recent years has been toward larger incomes, with the result that many families have been moving into higher brackets than they were in before."

100 years ago

From the Biddeford Daily Journal: "Mike Powers, better known as Mike the Sailor, and son-in-law of Captain Ami Hubert, who runs a pleasure boat on the river during the summer months, walked into the police station this noon with his right eye swollen and closed so that he could not see a thing, while his face was covered with bruises and his nose was swollen to double its size. He told Officers Ernest H. Robbins and Richard A. Chase that he had been assaulted by his father-in-law and son with a club of wood, and he wanted the whole family arrested."

— Robyn Burnham Rousseau

Today in History

Today is Friday, Oct. 3, the 276th day of 2014. There are 89 days left in the year. The Jewish Day of Atonement, Yom Kippur, begins at sunset.

ON THIS DATE:

In 1789, President George Washington declared Nov. 26, 1789, a day of Thanksgiving to express gratitude for the creation of the United States of America.

In 1863, President Abraham Lincoln proclaimed the last Thursday in November Thanksgiving Day.

In 1922, Rebecca L. Felton, D-Ga., became the first woman to be appointed to the U.S. Senate (however, she ended up serving only a day).

In 1932, Iraq became independent of British administration.

In 1951, the New York Giants captured the National League pennant by a score of 5-4 as Bobby Thomson hit a three-run homer off the Brooklyn Dodgers' Ralph Branca in the "shot heard 'round the world."

In 1954, the family comedy "Father Knows Best," formerly an NBC radio show, premiered on CBS-TV with Robert Young reprising his role of Jim Anderson.

In 1962, astronaut Wally Schirra became the fifth American to fly in space as he blasted off from Cape Canaveral aboard the Sigma 7 on a 9-hour flight.

In 1974, Frank Robinson was named major league baseball's first black manager as he was placed in charge of the Cleveland Indians.

Today's Highlight in History:

On Oct. 3, 1944, during World War II, U.S. Army troops cracked the Siegfried Line north of Aachen, Germany.

TEN YEARS AGO

National security adviser Condoleezza Rice, interviewed on ABC's "This Week" program, defended her characterization of Saddam Hussein's nuclear capabilities in the months before the Iraq invasion. Actress Janet Leigh died at age 77. The comedy-drama series "Desperate Housewives" premiered on ABC.

FIVE YEARS AGO

Iranian President Mahmoud Ahmadinejad hit back at President Barack Obama's accusation that his country had sought to hide its construction of a new nuclear site, arguing that Tehran reported the facility to the U.N. even earlier than required. Eight U.S. soldiers were killed, 22 wounded, when their outpost in Afghanistan's Nuristan province was attacked by hundreds of militants.

ONE YEAR AGO

A Connecticut woman driving a black Infiniti with her 1-year-old daughter inside tried to ram a White House barricade, then led police on a chase toward the U.S. Capitol, where police shot and killed her. (The unarmed woman, 34-year-old Miriam Carey, had been diagnosed with postpartum depression and psychosis; her child was unharmed.) President Barack Obama canceled a trip to Asia to stay in Washington and push for an elusive funding agreement that would end a partial government shutdown.

— By The Associated Press

Quote of the day:

"No one can build his security upon the nobleness of another person."

— Willa Cather, American author (1873-1947)

JOURNAL TRIBUNE

VOLUME 130 NUMBER 230

The Journal Tribune is published evenings Monday through Friday and Saturday morning at 457 Alfred St., Biddeford, ME 04005.

Publisher: Bruce Hardina

Managing Editor: Kristen Schulze Muszynski

Newspaper office:

457 Alfred St. (Route 111, east of the Maine Turnpike Exit 32 ramp) in Biddeford.

Hours: 8 a.m. to 4:30 p.m., Monday through Friday

To reach us by telephone:

For home delivery or customer service, call the Biddeford office:

(207) 282-1535 or fax 282-3138

From the Sanford area, call: 324-4444

To reach us by mail:

457 Alfred St., Biddeford, ME 04005

To reach us by email: jtcommunity@journaltribune.com

Postmaster: Second-class postage paid at Biddeford, ME 04005.

Send address changes to: 457 Alfred St., Biddeford, ME 04005.



SUBMITTED PHOTO/COURTESY REG BENNETT

Pictured recently at Wells High School are those involved with the new Hydrofoils Engineering class. In back, from left to right, are Trevor Thompson, Rick Cecchetti, Dave Hawk, Steven Weston, Kyle Goodale, Ryan Marsh, Jason Hludik, Chrys Demos and Gavin Turnbull; and in front, Zack Pierce, Nate Ouellette, Erskine Lothrop, Dan Charpentier, Jake Wilson and David Jacobs.

Students begin hydrofoil project with guidance from PNSY staff

WELLS — On Sept. 3, one day after the start of the new school year, a small group of Portsmouth Naval Shipyard personnel and a member of the USS Scranton, a Los Angeles-Class submarine currently dry docked for an engineering overhaul at shipyard, visited with students of at Wells High School.

The newly formed class is called "Hydrofoils Engineering," and is a year-long course co-taught by Jason Hludik and Chrys Demos. The objective and focus of the class is for students to create – from scratch –

a functioning, human-powered hydrofoil boat, approximately 16 feet long. The water craft will be capable of achieving lift over water, thereby significantly reducing drag and increasing speed, the instructors said.

The advisers from Portsmouth Naval Shipyard are mechanical engineer Trevor Thompson, mechanical engineer Dave Hawk, Outreach Program Manager Rick Cecchetti and Machinist's Mate 2nd Class Steven Weston of the USS Scranton.

The guests introduced themselves and then spoke about

their day-to-day work at the shipyard. They also discussed how they can assist the students with their project as the design and construction moves forward. The four advisers plan to be available for email questions and to visit the class. Later this fall, the students will tour the PNSY facility in Kittery.

The hydrofoil project will require design, creation and integration of a hull, propulsion, stabilization and foil systems. It is the foil system that ultimately will allow the craft to elevate over the water's surface. Hludik said the class

will combine math, technology, engineering and science. The project will require students to study chemistry, physics, Newton's Laws, engineering design process, 3-D design and printing as those subjects pertain to the design and function of a hydrofoil.

The hydrofoil project is expected to be completed and tested in Wells Harbor in late May or early June of 2015. Hludik and Demos also plan to have the students create a presentation for their fellow students and the school committee documenting their work.

Calendar

Sunday, Oct. 5

The South Berwick Firefighters Association will host its first-ever penny sale on Sunday, Oct. 5 at the community center, 71 Norton St., South Berwick. Doors open at 9 a.m. and the drawings will be at 4 p.m.

Monday, Oct. 6

"Muslim Journeys," the second part of a two-part program designed to help investigate various elements of the Muslim culture, is set for Monday, Oct. 6 at 6:15 p.m. at Wells High School Auditorium. Attend a viewing of the film "Koran By Heart," followed by a facilitated discussion with Human Rights advocate and Muslim scholar Reza Jalali, who was raised in Iran and has lived in Maine since 1985, where he is currently the Muslim chaplain at Bates College.

U.S. Sen. Susan Collins will be visiting the Republican Headquarters, located at 10 Main St. in Kennebunk, on Monday, Oct. 6. All York County Republicans are invited to meet the senator and enjoy some light refreshments from 4:30-5:30 p.m. For more information, email nford.wellsgop@gmail.com or call 468-2395.

UNE awarded NSF research grant

BIDDEFORD — Two Maine projects will receive research grants from the National Science Foundation totaling \$2.5 million.

The University of New England in Biddeford is receiving more than \$636,000 to study the best ways to engage STEM – science, technology, engineering and mathematics – students by using innovative research projects on the Saco River.

Bigelow Laboratory for Ocean Sciences in Boothbay will receive \$1.8 million to fund genetic research.

"I'm proud of the many institutions we have doing world-class research here in Maine. They're an important part of our economy and I'm confident these investments will help build on the state's reputation," said U.S.

Congresswoman Chellie Pingree, D-Maine, in a prepared statement announcing the grants. "These are fascinating projects to further our knowledge and exploration of the world around us in many ways. My congratulations to both institutions."

The UNE project is entitled "TURBO: The Undergraduate Saco River Biodiversity Observatory – A Long-Term Ecological Research-Style Research Experience to Enhance STEM Education." The study will be under the direction of Markus Frederick.

The project is aimed at helping more students complete STEM courses of study by making them more engaging. Investigators will create project-oriented experiences in the Saco River estuary for

STEM students at UNE, implementing undergraduate research projects on a number of scientific topics and an interdisciplinary conference to discuss the findings. Researchers will also examine how the hands-on curriculum affects student retention and persistence.

The Bigelow Laboratory for Ocean Sciences project will use new technologies to research secrets of life's early evolution and genealogy. Many new genomes, encoding the blueprints for disparate organisms, will be analyzed to illuminate the genealogy of ancient microbial species, the relative timing of their origins, and the role that horizontal gene transfer among distant relatives may have played in the origin of new species.

Lotteries

MASSACHUSETTS

Numbers – 2-2-8-8 (day)/7-2-9-0 (evening)
Lucky for Life – 15-35-38-41-43, Lucky Ball: 17

NORTHERN NEW ENGLAND

Pick 3 – 2-9-1 (day)/1-8-6 (evening)
Pick 4 – 4-3-9-9 (day)/3-4-1-7 (evening)

Have you seen our new **FOOD SECTION?**

- WHERE TO DINE
- RECIPES
- HELPFUL TIPS

Look for it every **Saturday** in the **Journal Tribune Weekend!**



JOURNAL TRIBUNE WEEKEND

NEED A JOB?



Check out our Classified section every day. You can even read our Classifieds online for **FREE** at www.journaltribune.com or Get a **SPECIAL RATE** for home delivery right now!

We're here to help you!

JOURNAL TRIBUNE
York County's Only Daily Newspaper
457 Alfred Street, Biddeford, Maine 04005
207-282-1535