

University of Maine Surveying Engineering Technology Spring 2025 Newsletter

<http://www.umaine.edu/svt>

<https://online.umaine.edu/online-surveying-engineering-technology-programs/>

The SVT faculty is pleased to share with you this information. We try to get the newsletter to more people/email addresses including more emails of surveying degrees prior to SVT and friends of SVT. If you know of someone who is not getting this (and should) please tell Ray. Any work or family related information you want in the next newsletter please email Ray ray.hintz@maine.edu.

If you are an alumni please review <https://umaine.edu/svt/alumni/>. If you are not on the list tell Ray. If you are missing a license designation (FS, PS, PE, etc.) tell Ray. We want this list to be "correct".

Graduates / Fundamental of Survey exam results

If I missed someone tell me. This is not easy due to our numbers! Congratulations!

Bachelor of Science in Surveying Engineering Technology

Justin Bogue, LSIT TX

Gabe Bonn, PLS WI

Dillon Bouffard, LSIT MA

Justin Brands, LSIT MI

Sean Burke MA

Randy Caddell, LSIT KY

William Clifton, LSIT ME

Craig D'Andrea, LSIT CT

Matt Ewing, LSIT IN

Brian Gish, PLS MO

Morgan Haufler MA

Maximillian Heck, LSIT NH

Ian Henderson, LSIT IN

Richard Hoyt, LSIT CA

Michal Niczewski, LSIT NJ

Frincee Prado CA

Will Robbins, LSIT MI

Megan Sattur, LSIT NJ

Thatcher Unfried, LSIT CT

Undergraduate certificate in Surveying Engineering Technology

Zachary Bemis MA

Joseph DeLucia, LSIT MA

Jimmy Duferrena RI

Toby Fontaine MA

Jackson Groom NY

Peter Guy MA

Tyler Hamrick GA

Matthew Holley GA

Colton Jones GA

Benjamin Kosalek NH

Tyler LaFreniere MA

Matthew Mis NH

Christopher Morey NJ

William Ross GA

Francis Zornow CT

Graduate certificate in Surveying Engineering Technology

Christopher Blaze, PLS PA

Pam Tilton ME

Master of Science in Engineering Technology, Surveying Engineering Concentration

Andy Jackson, PLS Jamaica

Drew Pickering, PLS ME

Jared Wilson, PLS TN

Professional Science Masters in Engineering and Business Surveying Engineering Concentration

Christian Figueroa-Vega NM

New Surveying Licenses etc. (and ones I never listed before, in order I found out)

Please email Ray when you receive a new license as trying to figure this out online is not easy. I am worried I am missing a lot of your licenses. Congratulations!

Mark Patterson IN	Douglas Leslie NC	Bryant Tucker AL national
Jason Smith NJ national part	Derrick Gonzalez NJ	part
Luke Lapierre ME	Brian Yorkiewicz NJ	Greg Assis NJ
Jake Fricke MA	Ambrose Gmeiner TX	Sterling Hooke FL
Christopher Bedford NC	Matthew Mokanyk MN	Jasmine Gregory ME national
Julie Raimondi RI	Andy Whaley KY	part
Daniel Hatley MO national	Byron Muniz FL	David Ogden OH
part	Jared Wilson TN	Dean Kirby DE
Jacob Forster TN	Justin Bogue TX national part	Christopher Blaze PA, RI
Jacob Lawler SC national part	Gabe Bonn IA	CJ Ruch TX
Jacob Petry WV KY	Michal Niczewski NJ national	James Flores PA
Jacob Lawler SC	part	Aaron Brown WA
James Dowd MO		Will Ruszkowski NJ
Billy Olmsted OR		
Jamie Sanor OH		
Jared Serpico OR, CFEDS		

Passed the Fundamentals of Surveying exam (in order I found out)

Congratulations!

Matt Patterson IN (cert)	James Waters MA (cert)	Joshua Mills MD
Richard Weiland CA	David Morgan SC (cert)	Justin Brands MI
Mohamad Badr TN	Bryant Tucker AL	Aiden Raitt ME (cert)
Justin Bewley NJ	Danny Laferriere CT	Joseph DeLucia MA (cert)
William Ruszkowski NJ	Alexander Zasso CA	William Robbins MI
Jasmine Gregory ME	Ethan Dickson MA (cert)	William Clifton ME
Anthony Kraiger IN	Matthew Bodak NJ	Tim Clark NJ
Danny Antenucci NJ	Ricky Hoyt CA	Max Heck ME
Justin Bogue TX	Ian Henderson IN	Tyler Clowes NC
Matt Ewing IN	Schuyler Van Pelt MA	Cory Rellstab NJ
Seth Sullivan ME	Sean Fred CO	Dillon Bouffard MA
Nicholas Hallahan CA	Conor Garvey NJ	Thatcher Unfried CT
Roman Hancel RI (cert)	Cohen Woster NV	Zachary Denk PA (cert)
Christopher Morey NJ		

Scholarships

William Arcano, Plisga & Day SVT Sch.
 Thomas Berry, Maine Society of Land Surveyors Sch.
 Aaron Bowser, Petersohn, Fritz Memorial Surveying (SVT) Sch.
 Tim Clark, Geomatics Society of New England Ellsworth V. Stanley Sch.
 William Clifton, Maine Society of Land Surveyors Sch.
 Liam Hanehan, Geomatics Society of New England Ellsworth V. Stanley Sch.
 Morgan Haufler, Col-East, Inc. SVT sch., MALSCE Sch.
 Ian Henderson, Brian Kelly Surveying Sch.
 Peter Kelton, Dr. Josh Greenfeld Sch. NJSPLS, Slavoj (Dr. Ing Desider E.) Sch. NSPS, Geomatics Society of New England Ellsworth V. Stanley Sch.
 Allyson Kitchens, Andrew J. Shyka Surveying (SVT) Sch., PLSS Foundation 4-yr NSPS

David Meacher, NCEES ACEC Research Institute Sch.
Jack Morrissey, Maine Society of Land Surveyors Sch.
Calvin Perrotty, UMaine Transfer Merit Sch.
Adam Price, Gunther Engineering Surveying Engineering Technology Sch.
Will Robbins, UMaine Academic Merit Sch.
Mike Roise, Carol & George Gay New England Section Sch.
Damien Spaulding, Robert P. Titcomb Memorial Sch.
Greg Struble NJSPLS sch., NJSPLS/NSPS Sch.
Owen Tull, Maine Society of Land Surveyors Sch.
Jack Ward, Andrew J. Shyka Surveying (SVT) Sch., Nettie Dracup Memorial NSPS
Cohen Woster, Abraham Anson Memorial Scholarship (ASPRS), Bill Cuddy Memorial Scholarship NALS
Ken Wu, Division of Lifelong Learning Adult Education Sch.
David Yeaples, Roger & Virginia Ferguson New England Section Sch.
Alexander Zasso, John O. Behrens Institute for Land Information (ILI) Memorial Scholarship (ASPRS)

Enrollment

As of March 2025, we have approximately 239 students in BS SVT, 109 students in the SVT undergraduate certificate, 38 surveying graduate students in grad certificate or masters, and 30 in the new doctorate. We have the largest population of undergraduate students per faculty in the College of Engineering. Across all our degrees and certificates we have students from 48 states! We receive great support from Division of Lifelong Learning's (DLL) undergraduate retention and enrollment specialist Tessa Smith.

Professional Science Masters (PSM) in Surveying Engineering, Graduate Certificate in Surveying Engineering, and Master of Science in Engineering Technology surveying engineering concentration news

Our enrollment is 38 students in the completely on-line programs this spring. We now have the largest number of graduate students per faculty in the College of Engineering. Kimberly Lai is our online support specialist for the graduate programs.

Doctorate of Engineering in Engineering Technology Surveying Engineering Technology concentration

Your support had a major impact and the doctorate is in full swing. This is the first new doctorate/PhD at the University of Maine in 10+ years. Surveying is equivalent to all other branches of engineering, and this is the last step in achieving academic equivalence. We have 30 students in the program and have accepted 2 more who will start in September. Our numbers are similar to the other engineering PhD programs. Obviously the race is on to be the first person to receive this degree with an anticipated date of first recipients in May 2026. Kimberly also is our online support specialist in this program.

NSPS Student Chapter

The student chapter has weekly meetings and had a strong presence at MSLS meetings. They again placed third in the NSPS student competition in Washington, DC in March. We are very proud that other schools at the NSPS student competition were very impressed with the professionalism of our student chapter. They are congratulated for what they contribute to our program.



2025 NSPS Student Competition team (L to R, Will Clifton (ME), Peter Kelton (NJ), Max Heck (NH), Alyson Kitchens (NH), Rich Vannozi (advisor)

Foundation

Professor Joseph McNichols' account in honor of his parents has reached the economic threshold where the profits can now be used for scholarships.

Henry Simpkins Memorial Scholarship Account has been created by his former employer David O'Brien.

The Owen Haskell Memorial Scholarship Account has been created by his firm's Randy Loubier.

The Surveying Engineering Technology Scholarship has been started by a gift of \$2,000 from a generous SVT alum who will match the first \$4000 donated to the fund. With \$8,000 we can trigger a 25% match of \$2,000 from the UMaine Foundation getting the fund to the fully endowed level (\$10,000). If you would like to help us take advantage of this match, please go online to make a gift at our.umaine.edu/surveytech or mail a check to the University of Maine Foundation, Two Alumni Place, Orono, Maine 04469 with "SVTSCH" noted in the memo line. Note small donations from everyone who receives this newsletter to this scholarship will result in a large source of scholarship income. Please donate annually to the future of SVT as we need the match and a continuous source of scholarship income.

Donations

These type of donations are now being housed in the U Maine library under the supervision of library employee and SVT doctorate candidate Paul Smitherman. Note the entire Sewall company library of photography is also under Paul's supervision.

Down to Earth Land Surveying (Oscar Emerson) donated all of his "paper" records to the library. Note Oscar was responsible for hiring and mentoring many SVT students in his distinguished career.

Retired surveying engineering professor Alfred Leick has donated his entire library of geodesy journals, publications, class notes, etc. He is now working with the library to donate his digital course lectures.

Awards

Professor Rich Vannozzi was recently promoted to associate professor with tenure. He secured College of Engineering funding for the first surveying teaching assistant for a graduate student in over 25 years. Rich also received additional funding from the College of Engineering to re-start live sections of some SVT first and second year classes.

Topcon Technology and Education Agreement

Our dream of keeping up to date with modern equipment has come true. Topcon has supplied us with \$1.7 million dollars of all types of survey equipment and software which will totally satisfy our laboratory needs. Approximately every three years the existing equipment will be swapped out for the latest updates. We sincerely thank Topcon Corp. for this incredible agreement – specifically Mr. Jeff Waggamon and Mr. Jim Hinson of Topcon who were instrumental in this process. Mr. Ben Huber of Topcon is now our support in this endeavor. Ray has complained to Ben it is hard to teach closure/adjustment in basic surveying thanks to the new equipment as the 1st year students usually close better than .01 ft! Likewise in the basic GNSS exercise going from autonomous to fixed solution is becoming an insane few seconds instead of a counting exercise for the students.

Distinguished Crowe nominee

Andrew “Andy” Brown began his academic journey in Electrical Engineering Technology (EET) at the University of Maine (UMaine) in 1986. After a brief pause to enlist in the Maine Air National Guard, where he trained in Avionics Guidance and Control Systems for the KC-135, he returned to the UMaine EET program and became deeply involved in campus emergency medical services through the student-run University Volunteer Ambulance Corps. This experience led him to a full-time career in emergency services, including being recruited to establish a statewide communications center for LifeFlight of Maine and other private ambulance services.

In 2003, Andy combined his passions and joined the UMaine Police Department as a Communications Specialist while concurrently returned to school to study spatial information and mapping. Encouraged by faculty in the School of Engineering Technology, he pursued a degree in Surveying Engineering Technology, excelling in coursework and actively participating in student and professional organizations. He completed his B.S. and passed the Fundamentals of Surveying exam in 2010.

A dedicated member of the Maine surveying community, Andy served as president of the Hancock-Penobscot Chapter of the Maine Society of Land Surveyors and worked part-time for Shyka, Sheppard and Garster Land Surveyors while still at UMaine Police Department. In recent years, he has brought his expertise to UMaine’s Facilities Management Department, leveraging SVT faculty and students for mapping and surveying initiatives. He has mentored over six student engineering interns from various degree programs, supporting the next generation of surveyors and engineers alike.

Andy is a proud third-generation UMaine engineering alumnus. He is an avid UMaine basketball fan and supporter of the University community as a whole. He lives in Veazie with his wife Tonya (’95), daughter Madison (’27), and son Camden (’29, USM). His hobbies include amateur radio, geocaching, hiking the Appalachian Trail, exploring the North Maine Woods, and astronomy. Andy’s photo follows.



SVT graduate news

Jeff Spaulding has been promoted to Vice President/Senior Engineering Project Manager at Stillwater Environmental Engineering in Orono.

Tom Kelly (SVT '22) was elected Officer/Treasurer for the Colorado State Chapter of the Utilities Engineering and Surveying Institute – ASCE.

Lee Zimmer reports: I won the Transportation Professional of the Year in 2025 from the New York State Association of Transportation Engineers Section 8. The TPOY has been a tremendous honor and a great way to end my career at NYSDOT. As part of my acceptance speech I thanked as many people as I could that have played a role in my life and career. Even though I spent most of my career with the Traffic Engineering & Safety Group at NYSDOT, my surveying education was always extremely useful. Who knew the early adaptive traffic signal control systems would use least squares to solve green time allocations. Some things just follow you. I am probably going to retire from the DOT this fall with 32 years of service. Crazy, that went fast. **Congratulations Lee!**

Faculty News

Knud Hermansen (retired) has been teaching more than before he retired and without his contributions we would not be what we are today. He has been contributing to state society newsletters a long running series on survey education.

Ray Hintz spent the previous academic year managing the ever growing undergraduate and graduate student online populations. He spent a lot of time crawling through building the “rules” of the new doctorate program.

Carlton Brown teaches half of the “large population” early curriculum courses such as SVT 101 Basic Surveying Field and Office Processes and SVT 122 AutoCad for Surveyors II. Carlton is responsible for making incoming students happy with their SVT experience. His dedication to the students gives them

the enthusiasm to finish their degree or certificate. Carlton has expanded his knowledge base with glass blowing recently.

Rich Vannozzi - See Rich's academic funding awards mentioned previously which enhances both graduate education and live education in surveying at UMaine. The student chapter has benefited immensely from Rich's supervision especially in the high placing in the NSPS student competition. He achieved associate professor with tenure this semester and is now working on his doctorate. His management of the live SVT population on campus is exemplary.

Joseph McNichols is in his third academic year and is contributing to SVT in outstanding fashion. He created the Topcon SVT equipment lab in a fashion that made Topcon proud. His work in the FS exam review class is showing dividends with excellent record of students passing the exam. His years of public service surveying add depth to our program and his funded Foundation account will forever provide scholarship money to SVT students.

Steve Adam continues to teach SVT 475 Small Business Management which has become one of the most successful CED courses at the University of Maine. It has recently been expanded to two sections in the spring and fall semesters. Note a wide variety of students not in SVT also take the course.