

## University of Maine Surveying Engineering Technology Spring 2024 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](mailto:ray.hintz@maine.edu).

### **Graduates / Fundamental of Survey exam results**

If I missed someone tell me. This is not easy due to our numbers! This list includes both summer and fall graduates. Congratulations!

### **Bachelor of Science in Surveying Engineering Technology**

Ben Allen, LSIT (SC)  
Steven Bach, LSIT (NJ)  
Dillon Bouffard (MA)  
Garret Bradt, LSIT (IL)  
Luis Capellan (MA)  
Jacob Carter (ME)  
Travis Gibson, PLS (CO)  
Derrick Gonzalez, LSIT (NJ)  
Tucker Humphrey, LSIT (MA)  
Jack Kelley, LSIT (MA)  
Carl Lagodna, LSIT (MI)  
Luke Lapierre, LSIT (ME)  
Douglas Leslie, LSIT (SC)  
Matthew Lisko, LSIT (NY)  
James Manzer, LSIT, PE (ME)  
Byron Muniz, LSIT (MO)  
Will Ruszkowski (NJ)  
Jason Smith, LSIT (NJ)  
Kevin Stanhope, LSIT (NH)  
Melissa Webb (NJ)  
Tyler Young, PLS (WY)

### **Undergraduate Certificate in Surveying Engineering Technology**

Caleb Alvarez (WV)  
Kathryn Decker (MA)  
Gregory Frey (VA)  
Kevin Hayes (NY)  
Jordan Hoehn (MA)  
Christopher Huyler (NH)  
Brian Jannarelli (RI)  
Joshua Mills (MD)  
David Morgan (SC)

Daniel Ragan (GA)  
Zachary Strandberg (NY)  
Olga Wojcik (NY)

**Graduate Certificate in Surveying Engineering Technology**

Tinia Graham (ME)

**Master of Science in Engineering Technology, Surveying Engineering Concentration**

Tamer Abdel-Sayed, PLS (NJ)  
Nicholas Ford, PLS (NY)  
Russell Olsen, PLS (IL)  
Sean Lahann, PLS (AZ)  
Matthew Mokanyk, PLS, PE (MI)  
Joshua Price (OR)  
Joseph Rappa, PLS (NY)  
Scott Shore (CA)

**Professional Science Masters in Engineering and Business Surveying Engineering Concentration**

Brian Kraegenbrink, LSIT (OR)

**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!

Christopher Bedford (SC)  
John Stratton (NY)  
Craig D'Andrea (CT) national part  
Andy Whaley (MD) national part  
Brandon Key (AZ)  
CJ Ruch (FL)  
Bill Romanski (RI) national part  
Dean Kirby (NJ)  
Shaine Bonin (ME)  
Mark Powell (IN)  
Joe Molidor (IL)  
Craig D'Andrea (CT)  
Charee Jackson (RI)  
Rafael Bombacini (ID, AL, NJ and VT)  
William Heft (AL and CO)  
Anthony Djonne (MN)  
Ambrose Gmeiner (VT, ME)  
Nathaniel Mason (ME)  
Tom Kelly (UT)

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

Congratulations!  
Matthew Tirrochi (MA)  
Jacob Williams (PA)  
Garret Bradt (IL)

Jack Tivnan (MA)  
Jason Smith (NJ)  
Luke Lapierre (ME)  
Megan Sattur (NJ)  
Richard Hutchinson (MI)  
Jack Kelley (ME)  
Randy Caddell (KY)  
Derrick Gonzalez (NJ)  
Kevin Stanhope (NH)  
James Manzer (ME)  
Matthew Lisko (NY)  
Steve Bach (NJ)

### **Scholarships**

Jared Wilson (TN), American Association for Geodetic Surveying (NSPS)  
David Yeaples, Virginia and Roger Ferguson New England (Foundation)  
Mike Roise, Virginia and Roger Ferguson New England (Foundation)  
Wil Parks, Robert P. Titcomb Memorial (Foundation)  
Byron Muniz, John F. Kelly III (Foundation)  
Morgan Haufler, Geomatics Society of New England Section Ellsworth V. Stanley (Foundation)  
Peter Kelton, Gunther Engineering Surveying Technology (SVT) (Foundation)  
Brandon Key, Petersohn, Fritz Memorial Surveying (SVT) (Foundation)  
Drew Hutzler, Shyka, Andrew J. Surveying (SVT) (Foundation)  
William Clifton, Maine Society of Land Surveyors  
Owen Tull, Maine Society of Land Surveyors  
Adam Price, Maine Society of Land Surveyors  
Justin Bogue, Transfer Merit Scholarship  
John Bowers, Transfer Merit Scholarship  
Greg Struble, NJSPLS twice and NJSPLS North Jersey Chapter  
Chelsi Ritchie, Brian Kelly (Foundation)  
Megan Sattur NJPLS multiple times  
Ian Mackenzie, Transfer Merit Scholarship  
Morgan Haufler, MALSCE Education Trust scholarship and the Gunther Engineering Surveying Engineering Technology (SVT) scholarship (Foundation)

### **Undergraduate enrollment (including undergrad certificate)**

Based on the start of spring semester, we have approximately 225 students in BS SVT, 108 students in the SVT undergraduate certificate, and 38 surveying graduate students. We have the largest population of undergraduate students per faculty in the College of Engineering. We receive great support from Division of Lifelong Learning's (DLL) undergraduate retention and enrollment specialist Tiffany Peterson. Tiffany is changing her role at DLL and we will miss her support.

### **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. Note that is approximately 20% of the entire graduate school population of the College of Engineering. We now have the largest

number of graduate students per faculty in the College of Engineering. Todd Cooley 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. The doctorate is official with a start date of fall 2024! 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 10 students who have formerly accepted admission into the doctorate with three more in the application process. Obviously the race is on to be the first person to receive this degree.

### **NSPS Student Chapter**

The UMaine Student Chapter of the National Society of Professional Surveyors (NSPS) attended the 2024 NSPS National Student Competition April 22nd through April 23rd in Washington DC. UMaine placed third (3rd) out of eighteen (18) teams in the baccalaureate division. It is a 2-day competition. It includes a full-day surveying monument hunt across the entire District of Columbia and a second day of historical surveying field exercises and calculations. The second day's exercises took place around the Washington Monument. The team is pictured below. Rich Vannozzi, Asst. Professor of Surveying Engineering Technology serves as the team's advisor and accompanied them to Washington DC.

The team would like to thank the generous donors from across New England who made their participation possible. They were:

*Blackstone Land Surveying  
John Chagnon  
Colliers Engineering & Design  
Connecticut Assn. of Land Surveyors, Inc.  
Greg Copeland  
Feldman Geospatial  
Haley Ward, Inc.  
Hancock Survey Associates, Inc.*

*Claire Kiedrowski & Rob Garster  
Maine Boundary Consultants  
Owen Haskell, Inc.  
Plisga & Day Land Surveyors  
Sackett & Brake Survey, Inc.  
Sebago Technics Inc.  
E. Worthington, Jr, Surveyor*



All smiles at the Awards Luncheon!  
(L to R) Thatcher Unfried (CT), Owen Tull (ME), Peter Kelton (NJ),  
Max Heck (NH), Thomas Berry (ME) and Morgan Haufler (MA).

Students from the Student Chapter also attended the MSLS Annual Conference in Portland, ME in January and the Spring Meeting in Rockland in April. The Student chapter will also be helping to host the MSLS Fall meeting which is being held on campus.

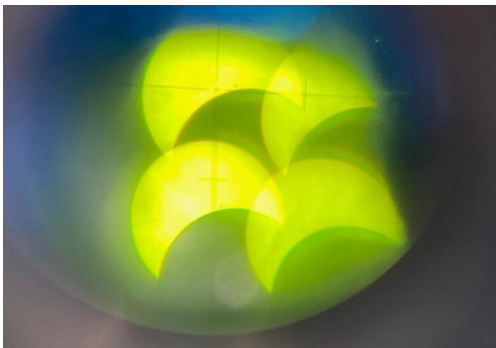
Another highlight on the Spring semester was an “Eclipse Party” held on April 8<sup>th</sup> in Medway, ME which was within the area of totality for the recent solar eclipse. The students made a day of it with a tent, surveying equipment and photography equipment so they could safely view and photograph the lead-up to totality. The students’ viewing location not only had an unobstructed view of the total eclipse but also provided a great viewing location of Mt. Katahdin and environs for the day. Maine Red Snappers<sup>1</sup> were on the menu as well!



Eclipse viewing party



The view at totality (no photoshop!)



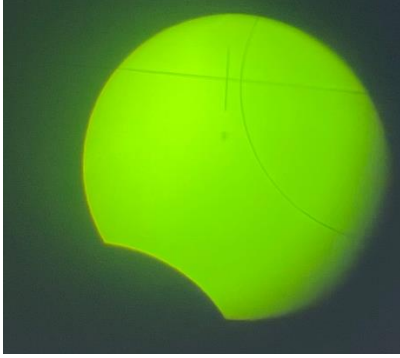
Viewing an eclipse with a Roelofs prism



Mt. Katahdin through the T2

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<sup>1</sup> For those from away: <https://newengland.com/travel/maine/maine-red-snapper-hot-dogs/>



The beginning of the eclipse through the Sokkia optical theodolite with a solar attachment and filter



Visitors a half mile away



Viewing an eclipse the old-fashioned way



### Foundation Based Donations

MALSCE has added \$25,000 to their Foundation scholarship account. Thanks MALSCE! This will support both certificate and BS students.

Please do not be afraid to consider a Foundation account in support of SVT. The Foundation has performed amazingly in managing our accounts and helping with a long stream of continuous donations. Note the stock market was very good to us recently and we now have over \$600,000 in the SVT accounts in the Foundation.

### Online SVT

Obviously, a large influx of students has been due to the online degrees which are combined with an incredible reduction in out of state tuition costs (so-called E tuition which is in-state\*1.25). Veterans, no matter where they live, qualify for in-state tuition along with dependents using a veteran's G.I. Bill. The degrees are

- (1) Bachelor of Science in Surveying Engineering Technology <https://online.umaine.edu/online-bachelor-of-science-in-surveying-engineering-technology/>
- (2) Professional Science Masters (PSM) in Engineering and Business Surveying Engineering concentration <https://online.umaine.edu/online-professional-science-masters-in-engineering-and-business/>
- (3) Master of Science in Engineering Technology Surveying Engineering Technology concentration <https://online.umaine.edu/online-master-of-science-in-engineering-technology/>
- (4) Graduate Certificate in Surveying Engineering <https://online.umaine.edu/online-graduate-certificate-in-surveying-engineering-technology/>
- (5) Undergraduate Certificate in Surveying Engineering Technology <https://online.umaine.edu/online-undergraduate-certificate-surveying-engineering-technology/>
- (6) Doctorate of Engineering in Engineering Technology Surveying Engineering Technology concentration <https://online.umaine.edu/online-doctor-in-engineering-technology/>

Many of our students have a previous degree and only need surveying classes. Likewise some students simply need a core of surveying classes. (5) will be the option for those students. The 9 cr. of BUA/MBA in the PSM is replaced with 9 more cr. of graduate surveying coursework in the MS.

Please pass the word to all potential students. We want to continue to be the leader in online surveying education in the United States. Your help makes us achieve that goal.

### Curriculum Updates

Knud has really made some amazing improvements in our curriculum. SVT 322 Preparing Effective Property Descriptions (fall) has been changed from 1 to 3 cr. based on student input with obviously added course content. Historically Knud taught one graduate boundary class and he has changed that into two 3 credit classes: SVT 512 Survey Business Law and Policy (spring) and SVT 513 Advanced Studies in Boundary Law (fall). He also ensured course content in all boundary related courses are accepted by state of Missouri Board of Licensure standards.

### On-line Teaching Studio

The online SVT teaching studio in the basement of Boardman Hall is totally in 100% production. This greatly enhances our abilities to create the best online content possible.

## **Topcon Technology and Education Agreement**

Our dream of keeping up to date with modern equipment has come true. Topcon is supplying 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.

The equipment being provided includes, among other things, 12 Robotic Total Stations, 12 Digital Levels, 12 Multi-constellation GPS receivers, Tablets, Software and Accessories (e.g. tripods, rods, bipods, etc.). New(est) SVT Faculty Member Joe McNichols will be organizing and managing this equipment and is dedicating significant time and effort to creating a “model” modern equipment room befitting such a prestigious gift. Not only will this equipment support our on-line education, but it will form part of a strategic effort to recruit traditional on-campus students going forward. The equipment was used in laboratory instruction this spring semester.

### **SVT graduate news**

Aaron Brown news - Alaska PLS and new business owner, Vector Surveying contracts with the City of Cordova, State of Alaska DNR, private clients, RESPEC Engineering, Dawson Construction and Valley Gravel & Construction.

Received a substantial equipment donation from Roy Whitford Alaska LS 6101 Retired, Whitford Surveying.

Michigan LS - in process

California LS - approved for exam

CFED - in process

PEng Candidate- U of Maine

The esteemed Kathy Kurland of CALS says the Connecticut Association will hold our Annual Meeting on Thursday, November 7, 2024, and our keynote speaker will be Jeff Lucas.

Levi Ladd says Do you mind sharing in the Newsletter that Maine Mapping Co. is now a part of Main-Land Development Consultants and that we are opening a brand new survey office in Newport, Maine, that is in dire need of survey help.



**Stephen Gould, ASCET’93 Distinguished Francis Crowe SVT nominee**



Steve Gould was born on July 9, 1971 in Skowhegan, Maine. Steve was a local boy that gave back to his community. He currently lives one mile from the hospital where he was born. He lives with his wife, Stacie. His only child, Kylie, is now working for him. Kylie, has 2 sons, Dak (Go Cowboys) and Bodi. They love their grandchildren.

Steve is an avid outdoorsman, sharing the love of the outdoors with his daughter. Steve has hunted every Maine species of game including moose. He hunts, fishes, and snowmobiles.

Steve's family had been in the logging industry for at least three generations. So, of course, he wanted to join the family business while growing up. His father told him to look elsewhere as logging was a dangerous business and there was no future. He did look elsewhere but not too far from the woods so familiar to his family in the logging business. In the summer of 1987, he went to work for Mick Sackett of Sackett and Brake Survey, Inc. He was hooked on surveying. Steve started in Survey Engineering at the University of Maine at Orono, graduated in 1993 in the Civil Engineering Technology program (surveying emphasis). (He hated and struggled with calculus and physics, hence the switch). He started full time with Sackett and Brake in May 1993, and for the past 37 years has worked in the same office he started his career.

In 2008, he took over ownership of the Company. Since that time Steve's company has grown to have two offices and 16 employees. Steve is not just a notable surveyor and businessman. He is also a dedicated and committed volunteer to the surveying profession. Since 1997, Steve has been Director of the Somerset Chapter of the Maine Society of Land Surveyors (MSLS). From 2001-2002, he served as President of MSLS. He currently serves as Program Chair. His professional commitment extends beyond Maine. Steve has served the National Society of Professional Surveyors (NSPS) with a few national leadership positions. He currently represents NSPS as judge on the NCEES Survey Education Award. This is a monetary award given by NCEES to surveying schools around the country. Steve has remarked that as he travels around the country and talks to other surveyors, these surveyors talk about UMAINE and the surveying program. He says the University has given him so much. The University has gotten so much from Steve. Go Blue!



### Faculty News

Knud Hermansen (retired) has been teaching more than before he retired and is adding course content in boundary surveying as shown in “Curriculum Updates”.

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 the complicated process of getting the new doctorate approved.

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. He even occasionally teaches SVT 101 to high school students from a technical school in PA. His dedication to the students gives them the enthusiasm to finish their degree or certificate. Carlton is also now a Certified Floodplain Surveyor (NSPS) in Maine and Massachusetts.

Rich Vannozi - With the help of the NSPS Student Chapter, Rich refurbished the SVT program’s tabletop photo display. Once updated he then lugged it along with some of the new Topcon equipment, to Hershey, PA in January to attend the Pennsylvania Society of Professional Surveyor’s annual meeting. At the PSLS conference he had an opportunity to meet a number of our current students and recent grads from the mid-Atlantic states. He also had an opportunity to meet with a group of students from Buck County Vocational High School, many of whom are taking SVT 101 with Carlton and are planning careers in surveying. Rich also brought the new and improved display to the MSLS meeting in Portland, ME and the Engineering (Education) Expo at the University of Southern Maine.

If you are interested in having the UMaine booth at a career fair or similar outreach presentation in Maine or at your state or regional surveying conference, please contact Rich directly ([anthony.vannozi@maine.edu](mailto:anthony.vannozi@maine.edu)) to see if it can be worked out. Rich often “barters” the presentation of continuing education seminar(s) at state conferences for travel expenses and an exhibit hall booth.



UMaine booth at the PSLS Conference in January

Joseph McNichols is in his second academic year and is contributing to SVT in outstanding fashion. His SVT 202 course is so popular he taught two sections for the first time. 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.