

## Surveying Engineering Technology Newsletter Spring 2022

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

<https://online.umaine.edu/surveying/>

The SVT faculty is pleased to share with you this information. We try to get the newsletter to more people/e mail addresses including more e mails of surveying degrees prior to 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 e mail Ray [ray.hintz@maine.edu](mailto:ray.hintz@maine.edu).

### We are hiring SVT faculty #4!!!!

Our selected person is right now in human resources approval land so we cannot announce who they are. We will make an announcement soon.

### Graduates / Fundamental of Survey exam results

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

#### Bachelor of Science in Surveying Engineering Technology

John Abercrombie (GA), PLS	Philippe Koller (WI), LSIT
Joseph Baron (PA), PLS	Skylar McLain (MI), LSIT
Jason Bills (MI), LSIT	Emily Mitchell (NH)
Christopher Cavic (MA)	Joshua Shipman (IN), LSIT
Megan Cleaves (ME), LSIT	Jack Tivnan (MA)
Heather Dagenais (PA), LSIT	Michael Totaro (NJ), LSIT
Mark Goldman (MA)	Reece Voisine (ME), LSIT
Andrew Gustafson (RI), LSIT	Katie Wade (MA)
Natasa Ilic (FL), LSIT	Steven Wasik (NY), LSIT
Thomas Kelly (CO), LSIT	Gideon Wheeler (ME), LSIT
Tanner Kipp (NJ), LSIT	Hievan Yaseen (AZ)
Dean Kirby (NJ), LSIT	

Last fall I missed summer graduate Thomas Reeves (NJ), PLS.

#### Undergraduate Certificate in Surveying Engineering Technology (1<sup>st</sup> ones!)

Aaron Bowser (OH)	Sam Hoch (PA)
Kevin Carter (MA)	Charee Jackson (RI)
Aaron Goff (MA)	Shaina McHenry (CA)
Tyler Golding (NB, CAN)	Thomas Owen (MA)
Daniel Hatley (MO), LSIT	Julie Raimondi (RI), LSIT

#### Professional Science Masters in Engineering and Business Surveying Engineering Option

Christopher Michaud (ME), PLS

David Schlarb (WV), PLS

#### Graduate Certificate in Surveying Engineering (all are continuing for a Masters)

Andy Jackson (Jamaica), PLS

Russell Olsen (IL), PLS

Joseph Rappa (NY), LSIT

### **New Surveying Licenses (and ones I never listed before)**

Please e mail 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.

Kyle Denny NJ  
Russell Olsen MO  
Rafael Bombacini CO  
Paul Fricovsky (national part) NJ  
Thomas Reeves NY  
Tom Kelly (National part) CO  
Nathan Storey CT  
David O'Brien AR  
Joseph Baron PA  
Chris Yerxa ME

### **Passed the Fundamentals of Surveying exam**

Congratulations!

Ben Allen (SC), LSIT	Dean Kirby (NJ), LSIT
Joseph Baron (PA), PLS	Philippe Koller (WI), LSIT
Craig Beecher (TN), LSIT	Michael Kroll (NJ), LSIT
Jason Bills (MI), LSIT	Skylar McLain (MI), LSIT
Brendan Briggs (MA), LSIT	Julie Raimondi (RI), LSIT
Megan Cleaves (ME), LSIT	David Sadowski (MA), LSIT
Heather Dagenais (PA), LSIT	Joshua Shipman (IN), LSIT
Jake (John) Fricke (MA), LSIT	Michael Totaro (NJ), LSIT
Andrew Gustafson (RI), LSIT	Michael Van Fossen (MI), LSIT
Drew Greenlaw (ME), LSIT	Reece Voisine (ME), LSIT
Natasa Ilic (FL), LSIT	Steven Wasik (NY), LSIT
Thomas Kelly (CO), LSIT	Gideon Wheeler (ME), LSIT
Tanner Kipp (NJ), LSIT	

### **Scholarships**

Ben Allen, Ferguson  
Heather Dagenais, Ellsworth-Stanley  
Lucas Dill, Ellsworth-Stanley  
Andrew Gustafson, Ferguson, Plisga & Day, Kelly  
Natas Ilic, Ellsworth-Stanley  
Thomas Kelly, Shyka  
Tanner Kipp, Ferguson  
Dean Kirby, Gunther, Hovey  
Phillipe Koller, Petersohn  
Colin Lachance, Titcomb  
Skylar McLain, Titcomb  
Joshua Shipman, Gunther  
Jack Tivnan, Petersohn  
Michael Totaro, Ellsworth-Stanley  
Jennifer Tuomala, Shyka, Geographic and Land Information Society Scholarship (NSPS),  
Klein, Frederic W. '48 Memorial Scholarship, Albert E. Anderson, Class of 1909 (Law) Fund,  
MALSCE Memorial Scholarship  
Katie Wade, MALSCE (U Maine Foundation)

Andy Merlino, Rhode Island Society (U Maine Foundation)  
Sam Honey, Col-East  
Paul Aquadro, George and Carol Gay  
James Dowd, PLSSF Scholarship (NSPS), Missouri Society Professional Surveyors Non-Traditional Student,  
John Dana Laing Memorial Scholarship  
Justin Bogue, U Maine Transfer Merit Scholarship  
Leigha Arison, U Maine Continuing Education Scholarship  
Alita Sledz, Online Commitment Merit Scholarship  
Gideon Wheeler, MSLS Scholarship and Schonstedt Scholarship (NSPS) scholarship  
Tara Mullen, MSLS Scholarship  
Mitchell Curry. Connecticut Association of Land Surveyors Scholarship  
Drew Hutzler, U Maine Flagship scholarship  
Nathan Rocha, MALSCE Survey Certificate Scholarship  
Mark Goldman, MALSCE Memorial Scholarship  
Dean Perez-Simons Online Commitment Merit Scholarship  
If you want to see your named scholarship on this list the University of Maine Foundation is ready to help you set it up!

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

We have approximately 165 students in BS SVT (March '22 data) obviously with the help of the online component (140+). Based on March '22 data we have 100+ students in the undergraduate SVT certificate. 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 undergraduate retention and enrollment specialist Tiffany Peterson (who just received a master's degree – congratulations) and undergrad certificate specialist Rachel Mathieson.

#### **Professional Science Masters (PSM) in Surveying Engineering and Graduate Certificate in Surveying Engineering news**

Our enrollment is 30 students in the completely on-line programs. Note that is approximately 20% of the entire graduate school population of the College of Engineering. Knud (from his winter home in Florida) teaches an advanced survey law class. A hydrographic surveying course is taught in the spring by PSM graduate Danny Swain. We now have the largest number of graduate students per faculty in the College of Engineering. We receive great support from Division of Lifelong Learning's director of online student services Dagmar Moravec. Dagmar is retiring – congratulations! We will miss her.

#### **NSPS Student Chapter**

The incredible efforts of the students with help from Rich Vannozzi resulted in the fruits of their labor with an April trip to the NSPS student competition where they were awarded a well-deserved honorable mention. It is noted that other institutions took note that the Maine students had more overall enthusiasm than anyone else! On April 29<sup>th</sup> the students traveled to Houlton, ME and made a presentation at the MSLS Spring Meeting on their adventures in DC.



**2022 NSPS Student Competition Team running 3-wire levels in Benjamin Banneker Park, Washington DC (l to r: Tyler Bealieu, Katie Wade, Emily Mitchell, Gideon Wheeler and Sean Burke)**

### **Donations**

The esteemed legend of Maine surveying Mr. Orland Bean donated two W. & L.E. Gurley 3.3 meter precise leveling rods with a wooden carrying case. Mrs. Bean noted that he needs to donate some more things in a downsizing operation.

We appreciate your support.

### **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) BS in surveying engineering technology <https://online.umaine.edu/svt/>
- (2) Professional Science Masters (PSM) in Engineering and Business Surveying Engineering concentration <https://online.umaine.edu/grad/professional-science-masters-in-engineering-and-business/>
- (3) Graduate Certificate in Surveying Engineering <https://online.umaine.edu/surveyingengineeringcert/>
- (4) Undergraduate Certificate in Surveying Engineering Technology – <https://online.umaine.edu/online-undergraduate-certificate-surveying-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. (4) will be the option for those students. Starting fall 22 (or spring 23) we will also offer a Master of Science in Engineering Technology surveying engineering option. The 9 cr. of BUA/MBA in the PSM is replaced with 9 more cr. of graduate surveying coursework. 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.

### **SVT Distinguished Francis Crowe Nominee**

After a two year pandemic absence, graduation came back so we were able to also have the Francis Crowe Society component of graduation. We could never find a better nominee than our friend Jim Bosworth. Every surveyor in New England knows Jim. Congratulations Jim!

### **Jim Bosworth, LSIT BS Surv. Engr.'91**



Jim Bosworth is a technical sales manager for Maine Technical Source, Inc. After graduating from UMaine with distinction he worked as technical sales manager for Sokkia Corporation. He has contributed to Maine Technical Source being the number one sales distributor in North America for Leica Geo-Systems for the last 5 years and in the top 3 for the last 12 years. He has helped get software donated to the SVT program from his many contacts in the industry.



At least Crowe distinguished nominee Jim Bosworth (3<sup>rd</sup> from front on right) ate some food Friday night at Governors. This was also to celebrate online students and their families coming to campus for the first time. Students represented AK (Nome), CA, PA, NH, NJ, NY, MA, ME.

### **SVT Alumni News**

The first PSM graduate Ambrose Gmeiner was honored as New Jersey Surveyor of the year. Congratulations Ambrose!

IAC member Brent Jones was the coinventor with Constantinos Papantoniou of the GeoBlockchain with final utility patent filings. The GeoBlockchain enables data authentication defending against deepfake

imitations with satellite imagery, positioning technology, and many more. This applies to all types of data including imagery, survey, web services, IoT among others.

### **Faculty News**

Knud Hermansen retired spends most of his time in the wintry confines of Florida with a couple months of summer in Maine. He will continue to teach 6 classes in an adjunct role plus is also teaching for some other survey programs. He recently became a licensed surveyor and mapper in Florida as he passed the Florida specific part of the exam on the first attempt. I hope you have access to his latest writing series on the state of surveying education in the U.S.

Ray Hintz spent the previous academic year managing the ever growing undergraduate and graduate student online populations.

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.

Rich Vannozzi teaches the other half of the “large population” live courses and online courses such as SVT 102 Surveying for Civil Engineers and SVT 121 AutoCad for Surveyors. This past semester he also taught the surveying class for the construction engineering technology students. Rich has resurrected the surveying student chapter and includes the online students virtually in the meetings.

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. Note a wide variety of students not in SVT also take the course.