

## **Surveying Engineering Technology Newsletter Spring 2021**

<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).

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

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

Daniela Cetean LSIT (NY)	Jessalyn McDermott (IA), LSIT
Brian Cook (ME), LSIT	Ryan McGraw (ME), LSIT
Zach Fanotto (CT)	Billy Olmsted (ME/CO), LSIT
James Flores (PA), LSIT	Jamie Sanor (OH), LSIT
Xiang Jin (China)	Derek Stein (NY), LSIT
Juan Lovill (NJ), LSIT	Adam Whitcomb (VT)

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

Adam Bernardino (MA)

#### **Graduate Certificate in Surveying Engineering**

Sean Lahann (AZ), PS

#### **Surveying Licenses**

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. I really did not keep good track of this recently.

Anne Howell, PLS ME

Robert Telschow, PLS NJ and PA

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

Congratulations! This list is since Jan. 1, 2021 in no particular order.

Joseph Baron, LSIT (PA)	Jessalyn McDermott, LSIT (IA)
Brian Cook, LSIT (ME)	Ryan McGraw, LSIT (ME)
Francesco DeDominico, LSIT (NY)	Andrew Robinson, LSIT (CA)
James Flores, LSIT (PA)	Elias Roman, LSIT (PA)
Zachary Jaffe, LSIT (MA)	Phil Salamon , LSIT (MA)
Tanner Kipp, LSIT (NJ)	Jamie Sanor, LSIT (OH)
Juan Lopez, LSIT (WA)	Derek Stein, LSIT (NY)
Juan Lovill, LSIT (NJ)	Jason Bills, LSIT (MI)
Daniela Cetean LSIT (NY)	Rafael Bombacini LSIT (CO)

#### **Scholarships (as one call tell in no particular order) – Congratulations!**

Douglas "Fred" Bailey, MSLS (Maine Society of Land Surveyors)

Joseph Baron, Shyka (Foundation)

Jason Bills, Ferguson (Foundation)

Rafael Bombacini, Prof. Land Surveyors of CO (PLSC) and southern chapter of PLSC

Brian Cook, MSLS, Carol and George Gay New England (Foundation),  
 Petersohn Memorial (Foundation)  
 Craig D'Andrea, NSPS (general scholarship)  
 Paul Fricovsky, Ferguson (Foundation), Plisga & Day (Foundation), UMaine Flagship  
 Andrew Gustafson, Guillemette (RISPLS), Umaine Senior Alumni Non-Traditional Student,  
 Nettie Dracup Memorial (NSPS)  
 William Heft, Gunther (Foundation)  
 Tanner Kipp, Senior Alumni Nontraditional Student, Online Flagship T2  
 Juan Lovill, Brian Kelly Memorial (Foundation)  
 Scott McCloy, Ellsworth Stanley (Foundation), Hovey Award (Sch. Of Engr. Tech.)  
 Tara Mullen, MSLS  
 William Olmsted, Titcomb (Foundation)  
 Rocco Pagano, Ferguson (Foundation), Col-East (Foundation)  
 Phil Salamon, Ellsworth Stanley (Foundation)  
 Matthew Shannon, Americorp Education Award  
 Zach Robinson, San Francisco Chapter, Monterey Bay Chapter  
 CLSA Education Foundation, Nettie Dracup Memorial(NSPS),  
 Ellsworth Stanley (Foundation), UMaine Online Academic  
 William Romanski, Guillemette (RISPLS)  
 Jenn Tuomala, MALSCE Memorial, Slavoj (Dr. Ing Desider E) (NSPS)  
 Kevin Vanderstoop, NJSPLS  
 Katie Ward, MALSCE (Foundation)  
 Gideon Wheeler, MSLS and Lowell H. and Dorothy Loving (NSPS)

If you want to see your named scholarship on this list the University of Maine Foundation is ready to help you set it up! Our Foundation accounts shown below are very critical to our success and will fund future surveying students and our infrastructure needs forever.

#### **Market value of Foundation accounts as of December 2020**

<b>General Endowment Funds</b>	<b>Principal</b>	<b>Market Value</b>
Col-East, Inc. SVT Scholarship	\$6,000	\$7,292
Geomatics Society of New England Section Ellsworth V. Stanley Surveying Engineering Technology (SVT) Scholarship	\$59,314	\$87,186
Gunther Engineering Surveying Engineering Technology (SVT) Scholarship	\$19,890	\$23,416
Petersohn, Fritz Memorial Surveying (SVT) Scholarship	\$15,035	\$17,764
Plisga & Day SVT Scholarship	\$12,750	\$15,586
Shyka, Andrew J. Surveying (SVT) Scholarship	\$42,094	\$54,166
Surveying Associations of New England SVT Photogrammetry Lab Fund	\$65,477	\$84,164
Kelly, Brian Surveying Scholarship	\$9,925	\$12,791
Gay, Carol & George New England Section Scholarship	\$79,823	\$94,482
Titcomb, Robert P. Memorial Scholarship	\$11,139	\$13,009
Ferguson, Virginia & Roger New England Section Scholarship	\$60,150	\$71,906
Massachusetts Association of Land Surveyors & Civil Engineers Scholarship	\$5,000	\$6,665
Rhode Island Society of Professional Land Surveyors Scholarship Fund	\$7,000	\$8,406

Total

\$496833

### **Undergraduate BS SVT enrollment**

We have passed 150 students in total obviously with the help of the online component (120+). We receive great support from Division of Lifelong Learning's undergraduate retention and enrollment specialist Tiffany Peterson. Graduates in May have online students outnumbering live students.

### **Undergraduate SVT certificate enrollment**

Enrollment for fall is presently at 62 students with more enrolling between now and start of fall semester. Many of these students are using it as a stepping stone to the BS SVT. Division of Lifelong Learning administrative specialist Rachel Mathieson is in charge of support and management of the certificate students.

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

Our enrollment is 25 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 was taught for the first time by PSM graduate and Army Corps of Engineers employee 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. See articles about two of our graduate students (Cassandra Quintal and Adam Bernardino) at

<https://umaine.edu/news/blog/2021/02/22/cassandra-quintal-professional-land-surveyor-and-online-graduate-student/> and

[https://m.facebook.com/story.php?story\\_fbid=3909274639155376&id=783068861775985&\\_\\_tn\\_\\_=%2As%2As-R](https://m.facebook.com/story.php?story_fbid=3909274639155376&id=783068861775985&__tn__=%2As%2As-R)

### **SVT student chapter**

2021-22 officers are Gideon Wheeler (President), Katie Wade (Vice President), Brian Cook (Treasurer). For 2021, along with regular meetings, the student chapter is participating in the NGS GPS on Benchmarks program They are working with Harry Nelson from Maine DOT to (hopefully) locate the Thomas Hill Observatory geodetic point in Bangor. Special thanks to Garth McNally for helping to set site control for the students to use in setting out a grid for the use of Ground Penetrating Radar (GPR) to search for the point. The students are looking forward to the Fall when CoVID restriction should ease making gathering and eating pizza a larger part of club activities.

### **Industrial Advisory Committee**

The Industrial Advisory Committee (IAC) oversees and inputs progress of SVT and we always welcome new members. IAC meets twice a years and minutes (along with newsletters) are found at <https://umaine.edu/svt/resources/newsletters-announcements/>. Over the summer members of the IAC will be working with Rich Vannozi to update all the various program and student outcomes required to reflect changes made in the last year by ABET.

### **Donations**

Retired National Geodetic Survey (NGS) employee Jeff Olsen made a significant contribution of books, journals, etc. to the SVT library. Obviously this included an incredible amount of NGS publications which are invaluable to surveying education. Thanks Jeff!

Javad Systems provided a Triumph-LS GNSS base and rover loaner. Thanks Michael Glutting of Javad!

### **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 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/>

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.

### **Faculty News**

Knud Hermansen retired which means he spends most of his time in the wintry confines of Florida. He will continue to teach in an adjunct role teaching 3 classes per semester. Most of you know Knud in the past year has been very active in webinars for many land surveyor state society functions.

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

Carlton Brown teaches half of the "large population" live courses and online courses such as SVT 101 Basic Surveying Field and Office Processes and SVT 122 AutoCad for Surveyors II. Carlton teaches the first class in the undergraduate certificate which is why it is so successful. We are so lucky he does not retire as his contributions are invaluable.

Rich Vannozi teaches the other half of the "large population" live courses such as SVT 102 Surveying Principles for Civil Engineers and online courses such as SVT 121 AutoCad for Surveyors and SVT 202 Route and Site Surveying. Rich has resurrected the surveying student chapter and includes the online students virtually in the meetings. He built the ABET information which for the first time in our history was not completed by Knud. He was nominated for outstanding teaching faculty in the College of Engineering.

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. This past semester he taught two sections of the class for the first time (one live and one online section).

Louis Morin began phased retirement in the fall '20. His support of the SVT degree has been outstanding and will be missed. The School of Forest Resources will never be the same without Louis.