

Surveying Engineering Technology Newsletter
<http://www.umaine.edu/set/svt/>
Spring 2014

The SVT faculty are pleased to provide the Spring SVT Newsletter to alumni and friends of the surveying program at the University of Maine.

GRADUATES: Congratulations to the following graduates: Abdulaziz Alassaf (Saudi Arabia), Mossa Bakhari (Saudi Arabia), Benjamin Bartlett* (Maine), Daniel Buscemi* (Massachusetts), Patrick Gardner (Maine), Jordan McAdams (Maine), Brian Moore (Maine), Devin Pike (Maine), Glenn Roberts* (Maine), and Gordon Wilson (Maine).

* Veterans

EMPLOYMENT: Employment opportunities have been very good. There were approximately three employment opportunities for each graduate.

VETERANS: Veterans can now attend the University of Maine and pay in-state tuition regardless of their state of residency. If you know of a veteran interested in a career in surveying, tell them about the program.

DUAL DEGREE: The new dual degree in forestry and surveying is now in place. Two students have already enrolled in the program. Louis Morin, LPF, a faculty member in forestry and a strong supporter of the surveying program, will be their advisor.

PSM DEGREE: Any person enrolling in the Professional Science Masters degree in Engineering and Business before 1 September 2014 will only pay in-state tuition.

Ray has lead the efforts to have an SVT option available in the Professional Science Masters (PSM) Degree. Check out the following web site for additional information:

<http://engineering.umaine.edu/home/psm>

Sign up by contacting the University of Maine Graduate School.

To earn the PSM degree, a graduate student will take 15 credits of advanced SVT courses, 9 credits of business courses, and 6 credits of applied field experience. Enrollment in the program will begin this summer. For questions e-mail Raymond Hintz at: raymond.hintz@umit.maine.edu

RECRUITING: WE NEED MORE STUDENTS! Employment opportunities exceed the number of students in the program. I've included some pamphlets being developed. If you need some recruiting information, let us know.

ABET ACCREDITATION: This is the last newsletter before the ABET Accreditation visit in the Fall. ABET accreditation not only allows our graduates to become licensed surveyors in every state, it also allows our graduates to sit for the engineering exam in many states. (For

additional information on ABET, visit www.ABET.org)

SVT CAPSTONE PROJECT: The capstone project was an 85 acre potential conveyance from Stanley Lucien to Orono Land Trust in Old Town adjacent to the previous capstone projects in Caribou Bog (Inland Fisheries and Wildlife) and Chris Dorion (to Orono Land Trust)..

ENROLLMENT: Enrollment stands at 52 students.

PROGRAM SCHOLARSHIPS: Surveying Engineering Technology is pleased to announce the following scholarship recipients:

- ACSM – NES Ellsworth Stanley Scholarship — Daniel Begin, Tyler Chamberlain, Ryan Coleman, Dustin Hargreaves, Anne Howell, Christopher Lamotte, Jamie Lavigne, and Tyler Young
- Hovey Award – Gordon Wilson

CONGRATULATIONS: Gordon Wilson (2014) has passed the fundamentals of surveying exam.

DIRECTOR'S 3.5 ACHIEVEMENT AWARD: The Director's 3.5 Achievement award is made just one time in a student's studies at the University of Maine. Full-time students must attain a 3.0 grade point average or better for two consecutive semesters. The student must also achieve a 3.5 grade point average or better for the most recent semester. Very few students achieve this honor. This academic year Benjamin Salzberg and Gordon Wilson received this honor.

PRESIDENTIAL SCHOLAR ACHIEVEMENT RECIPIENTS: The Presidential Scholar Achievement Award is a selective award for students who are academically at the top of their class. To be eligible for the Presidential Scholar Achievement Award a student must have completed 12 or more calculable credits in the semester and have earned a 4.0 semester GPA. Benjamin Salzberg and Terrence Talbot received this award.

SVT CROWE AWARD: Congratulations to David W. Humphrey, P.L.S.

David is a 1982 graduate of the surveying program at the University of Maine. He is a registered Professional Land Surveyor in Maine, Massachusetts, and Vermont. His primary professional employment has been with Schofield Brothers, a land surveying and civil engineering firm in Framingham, Massachusetts. His projects have included 1,000-acre property line surveys, subdivisions, utility route surveys, and court-room expert witness testimony. Mr. Humphrey has been a member active in MALSCE (Massachusetts Association of Land Surveyors and Civil Engineers) as past-president and committees chair and in other professional societies.



The Distinguished Francis Crowe Award recognizes individuals who have made considerable contributions to the surveying engineering technology program and the profession.

Prior distinguished Francis Crowe inductees include David Cook, M.S., P.L.S. (Dec. 2003), Joseph McNichols, P.L.S. (May 2004), A. Richard Vannozzi, M.S., P.L.S. (May 2006), Claire Kiedrowski (May 2008), Dominick Auletto (Dec. 2008), Gunther Greulich, P.L.S., P.E. (May 2009), Andrew Shyka, P.L.S. (May 2010), Timothy Patch, M.S., P.L.S. (Dec. 2010), David Titcomb, P.L.S. (May 2011), Stevenson "Shep" Sheppard, P.L.S. (May 2012), and Robert Garster (May 2013), and Scot Macdonald, M.S., P.L.S. (Dec. 2013).

ALUMNI NEWS: Alumni have reported the following news:

- Tim LeSiege, P.E., P.L.S. (1988) has just celebrated his 25th anniversary with the Maine Department of Transportation. He was employed at Maine D.O.T. straight out of the Surveying Engineering program. He is currently the aviation engineer for the Maine Department of Transportation.
- Jeff Broumas (2011) went to Bath County Virginia to help perform a deformation survey at a 'pumped storage' power plant. He used a Leica DNA03 digital level for most of the loops. For areas with big elevation differences, we used trig heights with a Leica TS12 total station, using a series of repetition shots at each set up. The job took about 12 days. There are even benchmarks within a series of tunnels in which we had to run a loop. That was certainly a first for me!
- Judd Vear (2011) has been quite busy over the last year. In the spring of 2012 following graduation, he started work at Sebago Technics, followed by SAM, Inc. from Austin Texas. His position with SAM, Inc. was as field supervisor for larger energy projects to include design and construction of 105 miles of a 30" crude oil pipeline. We had anywhere from 10-14 field crews going 6-7 days a week. He worked 80 hour a week for a year and paid off all student debt. Presently, Judd is a survey technician for VHB at their newest Vermont office. He has been in Burlington, Vermont at VHB for a month now.
- Eric Anderson (2011) continues to work at Stumbo and Associates Land Surveying in Ames, IA.
- Michael Gard (2008) was recently hired by the Infrastructure group as a land surveyor for Texas Parks & Wildlife. The mission statement is to manage and conserve the natural and cultural resources of Texas and to provide hunting, fishing and outdoor recreation opportunities for the use and enjoyment of present and future generations. Michael reported that he could not find a better work environment to showcase my land surveying skills that I learned at the University of Maine.
- Lee Zimmer (1994) has been the Region 8 Bridge Maintenance Engineer for New York State Department of Transportation. Supervising maintenance on 1140 bridges in the Hudson Valley area. He gets some interesting phone calls in the middle of the night, generally involving construction equipment and low clearance bridges. He can now tell the difference between a Pratt, Howe and Warren truss.
- Gordon Wilson (2014) reports he is dealing with the two 'Bs' of boundary retracement: bugs and blazing.

- Jeff Spaulding (2012) has been working for a civil engineer in Orono named Phil Ruck who operates a business called Stillwater Environmental Engineering. He has been doing storm water inspections and other field work for him. Jeff plans to take his fundamentals of engineering exam.

FACULTY NEWS:

Knud Hermansen – Knud has been a faculty member since 1989. During the previous semester, he has given webinars for the New York Association of Professional Land Surveyors, Pennsylvania Society of Land Surveyors, and Connecticut Association of Land Surveyors. He presented seminars for the Florida Surveying and Mapping Society, New Hampshire Land Surveyors Association, Maine Society of Land Surveyors, the University of New Hampshire, and Rangeley Builders. In January, Knud was appointed to the Maine Board of Professional Engineers.

Ray Hintz – Ray Hintz provided seminars in least squares in New Hampshire; Public Land Survey, Minimum Technical Standards, and Use of CORS in Florida; and Lidar in Maine. He recently completed a funded research project through sponsored programs from the Bureau of Land Management on upgrades to cadastral computations. He created the surveying engineering option in the on-line PSM masters degree. He is participating in the update of the coordinates of the Florida DOT permanent base station network.

Steve Adam – Steve has been an adjunct faculty in the SVT program since the surveying program was transferred to the School of Engineering Technology. Steve has an MBA and teaches SVT 475, Small Business Management. This course has consistently ranked as one of the most useful courses in the SVT curriculum.

Carlton Brown — Carlton has been a faculty member in the SVT program since 2005. He focuses on teaching students plane surveying, construction surveying, CAD, and land development design.

LOUIS MORIN — Louis is a faculty member in the School of Forest Resources and an adjunct faculty in the Surveying Engineering Technology program. Louis has been teaching surveying and forestry courses at the University of Maine since September 1978. Louis has and remains devoted to providing students with a practical education, including use of surveying equipment.

COMMENTS OR QUESTIONS - Contact Knud Hermansen at 207-581-2168 or Knud.Hermansen@umit.maine.edu if you have comments or questions regarding this newsletter or program information.