

# 2019 Annual Meeting Expert Speakers



**Joseph V.R. Paiva, PhD, PS, PE** of GeoLearn will bring his over three decades of experience to Maine speaking each morning of our Annual Meeting and Equipment Show. From his start as a university instructor, Joe has been committed to education and bringing course material to professionals and technicians in various settings since 1975. His broad experience in the geospatial field includes teaching surveying as assistant professor at the University of Missouri-Columbia; developing and instructing online courses as adjunct faculty at Missouri University of Science and Technology; designing professional and technician continuing education; engineering and geomatics practice; product development; and business management. Past posts include vice president at Sokkia Technology, Inc., and Trimble; COO at Gatewing; and independent consultant to a large selection of companies engaged in geomatics product development and sales. Joe writes prolifically on general interest and technical topics for leading industry publications, including POB Magazine, GeoDataPoint, and The Empire State Surveyor, and is a past contributor to Civil Engineering News. He is highly sought-after as a speaker and adviser for professional societies. Joe received B.S., M.S., and Ph.D. degrees in civil engineering from the University of Missouri.

## [Thursday AM - Focusing Professional Practice for Tomorrow's Environment](#)

Surveyors see many things on the horizon such as potentially decreased numbers in the profession, changes brought upon by technology and our understanding of the world we live on. As professionals, they are the only group licensed by their jurisdictions to perform boundary surveys. But varying by jurisdiction are other aspects of the surveying and mapping spectrum that is added as the exclusive domain of surveyors or as a shared domain, often with engineers, architects and other professionals who work with the land. Some will say there is doubt as to the viability of the profession. Others want to see it prosper and grow. This session's purpose is to help current land surveying professionals think about the various issues related to current and future practice.

## [Friday AM - Continuous Quality Improvement in Surveying](#)

Quality Control (QC), Quality Assurance (QA) and Continuous Quality Improvement (CQI) are terms not frequently used in land surveying and other geomatics activities. Yet, as managers of spatial data (collection, adjustment, analysis, information extraction, mapping and other activities), most practitioners and their staffs may unknowingly use some aspects of these activities from the realm of Quality Professionals. This course will help surveying professionals understand the overall scheme of quality management, and why such a structured approach is essential to maintaining consistent quality in their surveys. Having systematic ways of ensuring quality can be a decided benefit to a typical spatial data professional's practice. Benefits of using the aspects of quality management and continuous quality improvement are presented together with the risks of not using them.



**Judy F. Woodbury, Esq.** is a Partner in the law firm Pierce Atwood. Judy's experience includes searching real estate titles from the pre-electronic age to the present, identifying and resolving title defects, testifying as an expert witness and managing the real estate aspects of complex development and financing matters. Judy Woodbury is steeped in so-called "dirt law." As former chair of Pierce Atwood's Real Estate Practice Group, Judy directed the provision of real estate and conveyancing support for all firm practice groups. She also served on the Maine licensing board for Professional Land Surveyors, approving applications, administering statutory licensing requirements, preparation and administration of examinations, rule-making, and disciplinary proceedings. Judy is a member of the Real Estate and Title Section of the Maine State Bar Association and is a past chair of the Section.



**Daniel J. Martin** is the Northeast Regional Geodetic Advisor responsible for the states of ME, NH, VT, MA, CT, RI, NY, and NJ. As Regional Geodetic Advisor, he instructs local surveyors and state and municipal agencies on how to use and preserve the National Spatial Reference System, and provides liaison between the National Geodetic Survey and the states he serves. Dan is a Past President of the American

Association for Geodetic Surveying (AAGS), and is currently serving as the treasurer for AAGS. He is also a member of the Vermont Society of Land Surveyors.

The mission of National Geodetic Survey (NGS) is "to define, maintain and provide access to the National Spatial Reference System (NSRS) to meet our nation's economic, social, and environmental needs." This presentation will highlight activities, products, and programs at NGS that are designed specifically to provide better access to the NSRS. Have you seen the new NGS Coordinate Conversion and Transformation Tool (NCAT)? How about the new BETA version of OPUS Projects or the NGS monthly webinar series and education videos? Did you know that you can subscribe to NGS news feeds that keep you informed of new tools and learning opportunities? Come learn about what's going on at NGS, and what we are doing to support the users of the NSRS.

*Join us for:*

**"MSLS 2029 - An Interactive Discussion"** to understand the past, examine the present, and help look at the future of the Maine Society of Land Surveyors serving the surveying community in Maine and the needs of its members.

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**A. Richard Vannozi, MS, PLS** is a graduate of the University of Maine where he earned a BS in Forestry with high honors and concentrations in both forest management and surveying in 1984 and an MS in Forestry (with a surveying emphasis) in 2006. Rich is registered as a Professional Land Surveyor in Massachusetts. Before reorienting his career to focus on surveying education in 2003, he worked in private

practice for 19 years. He is a Past-President of the Massachusetts Association of Land Surveyors and Civil Engineers (MALSCE) and currently serves on the NSPS Board of Directors representing Massachusetts and on the Education Committee where he coordinates their student competition.

## [The Redefined Role of Technicians in a Modern Surveying Business](#)

There was a time, not long ago when a licensed Land Surveyor could perform all the technical duties involved in the successful completion of any surveying project. As the use of technology has exploded, and our arsenal of tools has expanded in both quantity and complexity, those simpler days are now part of our history, and not the future. This seminar will examine what has happened in the surveying profession in the last few decades as a result of technology, and how this has fundamentally changed the “jack of all trades” model of operation. This seminar is designed to look at ways our profession, its firms and our individual licensees can navigate this growing distinction in the knowledge bases of its technicians and its licensees and remain true to the overarching responsibility to protect the public. Attendees will leave with some concrete tools for restructuring how personnel and technology are integrated in their organization...whether that is a 2-person organization or one that is much larger.

## [From Technician to Professional: Transitioning your career goal to Licensure](#)

Over the last few decades of technological change, the path to licensure as a Professional Land Surveyor has become much more challenging and varied. Before the explosion in surveying technology that began in the 1980's the path to licensure was pretty simple. You worked for someone, they taught you what they knew, you picked up a few additional tricks along the way, you took an exam or two and you became licensed. The world is different now. To become a Registered Professional Land Surveyor today requires much more knowledge and preparation than it did a few decades ago. Registered Professional Land Surveyors have a paramount duty to protect the health, safety and welfare of the public. It may seem a cliché, but the profession's history teaches us that this is a sacred charge and comes with much responsibility. We also know that licensure has many privileges as well. It allows you to control your own destiny and further increase your own value in the marketplace. You can own your own business offering services directly to the public and you can work for yourself, thereby allowing lifestyle flexibilities that many find attractive. It can also provide financial rewards and security that come with greater versatility.



**Carlton A. Brown, Ph.D., PLS** holds a B.S. in Civil Engineering from Carnegie Mellon University, an M.S. in Geo-Information Science from Salem State College, Salem, MA, and a Ph.D. in Civil Engineering from the University of Maine. He is a Professional Engineer and a Professional Land Surveyor in both Maine and Massachusetts. Carlton began his surveying career with the New Jersey

Department of Transportation for 2 years before moving back to his hometown of Newburyport, Massachusetts where he worked for Port Engineering Associates, Inc. of Newburyport for the next 26 years. In 2000 he moved to Maine for graduate work at the University of Maine. In the Fall of 2003 Carlton became the first instructor of the then newly-created Civil Engineering Technology program at Eastern Maine Community College in Bangor, developing and teaching the new curriculum. In the Fall of 2005 he became the third faculty member of the Surveying Engineering Technology program.

## [Additional technical sessions will be offered by:](#)



featuring **Bruce Marquis**



featuring **Gary Rosen**

# MSLS 2019 Annual Meeting Schedule

*Subject to change as necessary.*

## Wednesday, January 30

6:30 pm to 8:00 pm Maine Society of Land Surveyors Informal Welcome, Appetizers, and Conviviality

## Thursday, January 31

### **Pro Track**

### **Tech Track**

7:15 am to 8:00 am Registration & morning refreshments, Equipment Show with our vendors

8:00 am to 10:00 am Focusing Professional Practice for Tomorrow's Environment - Joe Paiva Magnet Software practices  
Spillers

10:00 am to 10:30 am Break in the Equipment Show area with our vendors

10:30 am to 12:00 pm Focusing Professional Practice for Tomorrow's Environment - Joe Paiva Exploring Leica's Portfolio of Reality Capture & HD Scanning Solutions - Bruce Marquis  
Leica Geosystems and MTS

12:00 pm to 1:00 pm Lunch - Equipment Show area also open

1:00 pm to 1:30 pm MSLS 2019 Annual Business Meeting

1:30 pm to 3:00 pm MSLS 2029 - An Interactive Discussion National Geodetic Survey Update - Dan Martin

3:00 pm to 3:30 pm Break in the Equipment Show area with our vendors

3:30 pm to 5:00 pm Title Surveys and the Land Surveyor Judy Woodbury Carlson Presentation  
Gary Rosen

5:30 pm to 6:30 pm Social Hour and Equipment Show with our vendors  
Hors D' Oeuvres served, bar service available

6:30 pm to 9:00 pm Maine Society of Land Surveyors Annual Banquet  
Awards, Installation of Officers, Scholarship Awards, and Annual Auction

## Friday, February 1

### **Pro Track**

### **Tech Track**

7:15 am to 8:00 am Registration & morning refreshments, Equipment Show with our vendors

7:00 am to 8:00 am *President's Invitational Breakfast - For Past Presidents and ticketed guests*

8:00 am to 10:00 am Continuous Quality Improvement in Surveying - Joe Paiva From Technician to Professional: Transitioning your career goal to Licensure - Rich Vannozi

10:00 am to 10:30 am Break in the Equipment Show area with our vendors

10:30 am to 12:00 pm Continuous Quality Improvement in Surveying - Joe Paiva From Technician to Professional: Transitioning your career goal to Licensure - Rich Vannozi

12:00 pm to 1:15 pm Lunch - featuring an Osher Map Library briefing by Libby Bischof  
Equipment Show area also open

1:15 pm *NESS Meeting - For visiting NESS guests*

1:15 pm to 2:30 pm The Redefined Role of Technicians in a Modern Surveying Business - Rich Vannozi Legal Descriptions: A refresher on what they are and how to write one - Carlton Brown

2:30 pm to 2:45 pm Break

2:45 pm to 4:00 pm The Redefined Role of Technicians in a Modern Surveying Business - Rich Vannozi Legal Descriptions: A refresher on what they are and how to write one - Carlton Brown

4:00 pm *CEU Certificates available; thank you for attending; have a safe trip home!*



# 2019 ANNUAL MEETING REGISTRATION FORM

Or register online at [www.msls.org](http://www.msls.org)

Thursday, January 31st and Friday, February 1st

Your registration mailed in advance by January 21 saves you registration time and extra fees. Thank you!

**Your Name Tag should read:**

Name
Representing

Address		
City	State	Zip
Phone	Email	

- This is an individual registration
- This is a multiple registration, one or more registration forms are attached.

PLEASE COPY FORM AS NEEDED

*Firms writing one check may attach several registrations together, please include one form for each participant indicating registration selections and total registration payments on the top registration form. Thank you.*

## Registration Selections

Member rates apply to members of all Area 1 Associations & Maine Bar Association

	Fee	Quantity	Enclosed
<b>Member * Full Registration (includes banquet, lunches)</b>	\$325		
Member One Day (Thursday with lunch, excludes banquet)	\$200		
Member One Day (Friday with lunch)	\$200		
<b>Non-Member Full Registration (includes banquet, lunches)</b>	\$450		
Non-Member One Day (Thursday with lunch, excludes banquet)	\$300		
Non-Member One Day (Friday with lunch)	\$300		
Student Registration/Sponsorship (Assisting student volunteers - no charge)	\$150		
Extra Banquet or Banquet Only (For spouse/guests or one day only registrants)	\$40		
Thursday Lunch Spouse/Guests	\$30		
Friday Lunch Spouse/Guests	\$30		
Spouse Programs (Thur afternoon event & Fri morning event), please check	FREE	Thur: <input type="checkbox"/>	Fri: <input type="checkbox"/>
Postmarked After Mon., <b>January 21</b> & at the door, add	\$50		

Please advise [director@msls.org](mailto:director@msls.org) of any dietary restrictions.

Please make checks payable to **MSLS** or register online at [msls.org](http://msls.org)

Total:

*MSLS meetings and seminars will have a published registration deadline date for each meeting, seminar or event that will determine refund availability. Refunds requested prior to the registration deadline date due to emergency issues such as illness and family matters will be made in full less any applicable online registration payment fees. Refunds requested prior to the registration deadline date due to non-emergency issues such as work and personal scheduling will be made less an amount equivalent to the event's late fee for administrative purposes and less any applicable online registration payment fees. Refunds after the registration deadline date cannot be issued by MSLS due to its financial commitments already made in administrative, program, and venue planning.*

### Hotel & Additional Information:

For **hotel reservations**, the DoubleTree in Portland, Maine may be contacted directly at 1-800-560-7753, please ask for the group/block **MSL** rate of \$109 plus tax per night for Wednesday 1/30 and/or Thursday 1/31. Group rate also available 3 nights prior to and after the meeting. Please make reservations by **January 16** to obtain the reduced meeting rate for single or double occupancy. You may also make reservations directly online using the group/block rate code of **MSL** at <https://doubletree3.hilton.com>.

**\* Not an MSLS Member?**  
Join today at \$225 for 2019 to take advantage of member rates and also automatically join NSPS.

Mail Payments to MSLS, PO Box 420, Readfield, ME 04355

Credit Card/PayPal Payments at [msls.org](http://msls.org)