



# Michigan Society of Professional Surveyors

## 72nd Annual Meeting

Hosted by the Northern Chapter



**SHANTY CREEK RESORTS**  
SUMMIT • SCHUSS • CEDAR RIVER

# Your Invitation from MSPS President



Greetings,

I would like to welcome you to the 2013 MSPS annual meeting being held at Shanty Creek Resort in Bellaire. The Northern Chapter has put in a tremendous amount of work to ensure a memorable experience for all. There will be plenty of educational opportunities, wonderful entertainment along with social functions to fill out a busy week. I am certain you will find many things to do throughout the week that will pique your interest and offer professional development.

Being a member of the Northern Chapter I am extremely proud of the work the Annual meeting committee has put into the event. They are trying some new things – like having 3 educational sessions happening at the same time, dedicated breaks to ensure time to visit the exhibit space as well as a fun new twist to the Wednesday night fundraiser. It promises to have something of interest for the professional and technician alike. I hope you enjoy yourselves, learn some new things and meet up with friends new and old. I look forward to seeing you all throughout the week.

A handwritten signature in black ink that reads "Pat Bentley".

**Patrick G. Bentley, P.S.**

**MSPS President**

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**Zachary J. Stevens, PS**  
Upper Peninsula

**Timothy W. DeMumbrum, PS**  
West Central



## Featured Speaker—Larry Phipps

Larry Phipps is a Professional Land Surveyor with years of experience and a national reputation as a Surveying Instructor. In the past 10 years his travels have taken him to more than 30 States and 4 foreign countries. In addition to teaching, he owns and operates a small surveying company in the mountains of North Carolina. He also recently began a consulting company that specializes in helping surveyors identify and manage professional risk.

Larry Phipps is also the author of a series of articles in POB Magazine. These articles focus on helping the professional surveyor improve their ability to set and get the optimum price for their services. His sometimes controversial views on the business of surveying and the role of the professional in that business are based on real world experience.

*"Larry (The Candy Man) is a very knowledgeable and entertaining speaker who will keep you interested and asking questions throughout his presentation" - A quote from MSPS Past President Mark Powell*

**8:30 AM to 9:00 AM & 12:30 PM to 1:00 PM Seminar Registration**

**9:00 AM to 12:00 PM "Cha...Cha...Changes" Larry Phipps, President, Land Surveyors Workshops**

The median age of land surveyors in some states exceeds 60 years. The number of licensees in most states is declining while the population increases. Meanwhile technology is providing more and better tools for gathering, analyzing and processing survey data. What impact will all these things have on the future of the country and the profession? Only time will tell for certain. The Goal of this class is to discuss some of the possibilities and what those possibilities mean for the Professional Surveyor.

**12:00 PM to 1:00 PM LUNCH provided for those registered for both AM and PM sessions**

**1:00 PM to 5:00 PM "The Seven Deadly Sins of Surveying" Larry Phipps, President, Land Surveyors Workshops**

Every day surveyors put their professional reputations on the line. We all make mistakes. Most we discover and correct. Some we never discover. Other mistakes come back and bite us. What are the most common mistakes surveyors make and how do we avoid those mistakes. This class will take you through the seven most common things that we do that subject us to professional liability. We will examine the problem areas and ways to avoid, correct or mitigate those mistakes.

**5:00 PM to 7:00 PM Bell's Brewery & SCR Chef's Food & Beer Pairing Dinner (see page 19)**

**6:00 PM to 9:00 PM Registration Open for Annual Meeting**

**7:00 PM to 9:00 PM Foresight Party**

# 1/2

DAY

SPECIAL

PRICE

**NEW THIS YEAR—Attend all day on Tuesday or choose a 1/2 day (morning or afternoon) session. 1/2 day price is only \$65. Travel in the morning—join us in the afternoon!**

# Wednesday, February 20th

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- 7:00 AM to 5:00 PM**                      **Registration Open for Annual Meeting**
- 7:00 AM to 8:30 AM**                      **COUNTY SURVEYOR BREAKFAST**
- 8:30 AM to 5:00 PM**                      **Auxiliary Hospitality Suite Open - Fireside Parlor**
- 10:00 AM to 5:00 PM**                      **Vendor Showcases – Full schedule will be available at registration desk.**
- 8:30 AM to 9:30 AM**                      **MSPS OPENING BUSINESS MEETING**  
Members are encouraged to attend the Opening Meeting to interact with the Board of Directors and participate in the direction of the society. [This year attendance is even more important as the NSPS/MSPS proposal will be explained and discussed.](#)
- 9:00 AM to 5:00 PM**                      **Exhibits Open**
- 9:30 AM to 11:50 AM**                      **“Business Opportunities in GIS” Donny Sosa, Survey Industry Specialist, ESRI**  
The purpose of this presentation is to provide surveyors background information on GIS business opportunities, highlight the value of survey data in the GIS process, and to engage surveyors in dialog about integrating emerging technologies into their business practices. This presentation will introduce the basic concepts of mapping display and spatial analysis followed by core GIS functionality to give surveyors a better explanation of how they can expand their survey practice offerings while sharing how to easily engage the geospatial industry. Examples will include the common working environments, how to use survey data in a GIS, and searching the GIS cloud for available information.
- 9:30 AM to 11:50 AM**                      **“New Business Start-Ups, Business Succession Planning, and Buying and Selling a Business” Steve Peacock, CPA, Principal, and Kerry Nelson, CPA, Tax Principal, Rehmann Robson**  
Two Certified Public Accountants with significant experience advising startup operations and entities will offer innovative and creative solutions that you can take away to enhance your operational effectiveness. Ideas such as which accounting software to select, as well as what to do and what not to do when getting started in a new business will be covered. Business succession planning is key to a successful and ongoing transition and is critical for the future success of all parties involved. Our specialists will discuss the implications of tax, estate and key succession planning strategies. A variety of topics will be discussed on buying and selling a business, including multiple ways to buy and sell, business valuations, and price negotiation factors including the value of goodwill and other intangible assets. Other accounting considerations related to such a transaction such as legal entity, structure, ways to finance a purchase or sale, price evaluations and due diligence procedures will be highlighted.
- 9:30 AM to 11:20 AM**                      **“Techniques for Retracement of Historical Surveys” Robert F. Mitchell, P.S., President, Bob Mitchell & Associates**  
Topics discussed will be retracement of GLO Surveys and Petition Surveys by the County Surveyor and will include insight to the GLO Surveyor by reviewing measurement on recent surveys between known Government corners (what lines are best for comparison), County Surveyors records within the township as they relate to recovered witnesses and stakes (was the GLO really there) and aerial photos to review natural features calls and general section configuration within the township. It will also cover instructions utilized by the GLO Surveyor and impact on the accuracy of the survey, species of witness and line trees that still may be recoverable from the GLO Survey (what you can expect to find) and how natural features calls assist in the recovery of GLO corners. We will look at methods used by County Surveyors to subdivide sections, what effect terrain had on accuracy, what is recoverable within the survey, types of monuments, occupation as a result of the survey, and witness types that are most likely to be recovered.

# Wednesday, February 20th Continued

**12:00 PM to 1:30 PM**

**LUNCH with Tracey Ramsey and Trig Star Awards**

Tracey is the Director of Group Sales at Shanty Creek Resorts and will present a short program on “102 Things To Do Near Shanty Creek Resorts”.

**1:30 PM to 2:50 PM**

**“GLO/BLM – Then and Now (Part 1)” Dominica VanKoten, Cadastral Survey Chief, Bureau of Land Management, Eastern States Office**

This presentation will include a brief history of the Federal surveying program. We will begin with the passage of the Land Ordinance of 1785, journey through the days of the General Land Office to its current organizational location within the Bureau of Land Management. We will conclude with an explanation of the current BLM survey activities in Michigan and include a discussion of BLM resources available to private surveyors in Michigan.

**1:30 PM to 2:50 PM**

**“Successful Safety Management: A Reflection of an Organization’s Safety Culture” Larry Gerschbacher, P.S.**

Safety is more than a field crew’s personnel not having a recordable personal injury. It is the involvement of management personally and visibly to develop a culture-driven safe environment within its organization, community and with its clients. The safety “culture” of an organization must be proactive rather than reactive, implies anticipatory hazard prevention and control and allocates the resources necessary for accomplishment. An organization’s culture determines the level of safety to be obtained. Aspects of a safety culture within the land survey profession will be presented and discussed in depth.

**2:00 PM to 2:50 PM**

**“FEMA Maps & Base Elevation Determination” Susan A. Conradson, Environmental Engineer, Water Resources Division, Michigan Dept. of Environmental Quality**

The National Flood Insurance Program (NFIP) is updating and producing new flood maps throughout Michigan which are used by banks to determine if a structure is located within a federally identified flood hazard and requires flood insurance. In order to avoid paying flood insurance, homeowners must apply to FEMA for a letter of map amendment (LOMA) which in most cases means hiring a surveyor. Ms. Conradson will speak about map modernization, FEMA, the steps to obtain a LOMA, and how to contact the Michigan DEQ to obtain flood elevation information. She will also speak about floodplain management in Michigan, the DEQ regulations that apply to floodplain development, filling out DEQ permit applications and what surveyors can do to help with this process.

**3:00 PM to 3:30 PM**

**Exhibit Break - \$50 Give-Away in Exhibit Area, Must be Present to Win!**

**3:40 PM to 5:00 PM**

**“GLO/BLM – Then and Now (Part 2)” Dominica VanKoten, Cadastral Survey Chief, Bureau of Land Management, Eastern States Office**

This is a continuation of the program listed under Part 1 above.

**3:40 PM to 5:00 PM**

**“3D Modeling Software” Tom Peak, Regional Sales Representative, Carlson Software**

Considering the growth in data prep/3D model building needs, this software solution can open up a whole new income potential for those in the surveying industry. We will show you an integrated design and 3D surface modeling software solution designed for site and road construction. It offers powerful inspection and 3D viewing tools for elevating 2D designs to 3D model files. You will be shown powerful tools for designing and modeling different aspects of road design, from new construction to road widening and repaving.

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# Wednesday, February 20th Continued

3:40 PM to 5:00 PM

**“New Approaches to Quality Assurance When Using GNSS Receivers” Tim Funk, Trimble Survey GNSS and Radio Product Manager**

Using new technologies and some old ways, we will discuss some of the ways GNSS receiver users are maintaining quality assurance with their GNSS measurements. As with any measurement, surveyors make every effort possible to assure the data collected has the least amount of error associated with the measurement. We will look at the new ways possible to ensure traceability of your measurements from the GNSS satellite to the measured point on the ground.

5:00 PM

**Registration & Exhibits Close**

6:00 PM to 12:00 AM

## **Michigan Surveyors Supply**

**presents their Annual Reception followed by the MSPS INSTITUTE KARAOKE FUND RAISER WITH SILENT AUCTION AND CHINESE AUCTION**



This year we will be offering an exciting fund raising effort to benefit the MSPS Institute. We will be having a combined effort of a Silent Auction, Chinese Auction and a Karaoke Contest. The real change is the Karaoke contest. It is meant to raise funds by paying to sing or paying NOT to sing. Our membership will also be encouraged to donate a dollar per vote for each contestant. This can be very exciting, so plan on getting a group together from each Chapter to compete for the big prize! Be not afraid to participate—it is voluntary and all in fun.

### **SPECIAL OFFER**

#### **for Survey Technicians**

This year a professional can register a technician to attend the conference at 50% off the technician's registration fee.

Did you know that an annual Associate Membership to MSPS is only \$95?

Did you also know that if your technician learns something new through their membership benefits that increase their field productivity by just 1 hour a year, their membership pays for itself!

There are plenty of interesting sessions for Survey Technicians. This special offer makes it very affordable training.

### **Out of State? *You are Invited!***

If you live out of state and belong to your state's survey society, MSPS is pleased to offer you our "member rate" for attending the 2013 MSPS Annual Meeting.

We would love to have you join us. We have an excellent program planned along with fun evening events. Shanty Creek Resort is a beautiful place to spend time in the winter. Please join us!

7:00 AM to 5:00 PM

**Registration Open for Annual Meeting**

7:00 AM to 8:30 AM

**PROPRIETORS COUNCIL BREAKFAST**

**“Protecting Your Practice: Contracts for Land Surveyors”** Barbara Sable, RLI’s Professional Services Group and Eric Moore, Moore Insurance Services, Inc.

This program will review standard contract terms and conditions for use in everyday practice, master services agreements for use with repeat clients, key words and phrases in a client drafted contract that can create liability issues and possible insurance coverage concerns.

8:00 AM to 5:00 PM

**Exhibits Open**

8:00 AM to 5:00 PM

**C.S.T. EXAMS**



MSPS will again proctor the CST exams I, II and III. Taking the CST exam is a benefit to both you and your employer. Certification as a survey technician provides verification of skills learned for the advancement of your surveying career. Employers will be able to determine your job placement according to your certification level.

***If you plan to take the exam or have any questions, please contact the proctor John Fenn at 586-731-7910 by February 1, 2013, so he can make arrangements to have the required exams available.***

8:30 AM to 11:30 AM & 2:30 PM to 5:00 PM

**Auxiliary Hospitality Suite Open - Fireside Parlor**

10:00 AM to 5:00 PM

**Vendor Showcases – Full schedule will be available at registration desk.**

8:30 AM to 9:50 AM

**“2009 BLM Manual of Surveying Instruction Change Implementation and Certified Federal Surveyor (CFedS) Program (Part 1)”** Dominica VanKoten, Cadastral Survey Chief, Bureau of Land Management, Eastern States Office

In 2009, the BLM issued a new edition of the Manual of Surveying Instructions. The previous edition was from 1973. This presentation will include a description of the major changes contained in the 2009 Surveying Manual and how they have been implemented to date at the Eastern States Office. We will also discuss the CFedS training program and highlight any recent program updates.

8:30 AM to 9:50 AM

**“Organizing Your Computer Files (Part 1)”**, Larry Phipps, President, Land Surveyors Workshops

This class is an introduction to the basics of office organization. We will make a case for the importance of proper organization. We will discuss effective ways to keep track of jobs, clients, and records as well as specific ways to expedite file retrieval, how to assign job names, index jobs, and manage files. We will establish a framework of rules that can be applied in all phases of your business and personal lives. Applying the lessons from this class is the first step to being more productive and profitable.

8:30 AM to 9:50 AM

**“Better Utilization of Survey Pro Data Collection Software”**, Michael Stump, Global Technical Support Manager and Steve Pfingsten, Midwest Regional Sales Manager, Spectra Precision

In this presentation, we will discuss in depth how to utilize several aspects of Survey Pro 5.2 Software including using multiple GNSS receiver profiles and streamlined GNSS Start Survey Workflow. We will also cover using DXF in Active Map Survey Mode, the snap tools in Active Map, passing Curve Solutions directly to Staking Routine and sharing data using incorporated Dropbox. Please join Mike to learn about these features and many more that could lead to increased productivity in the field.

# Thursday, February 21st Continued

10:00 AM to 10:30 AM **Exhibit Break - \$50 Give-Away in Exhibit Area, Must be Present to Win!**

10:30 AM to 11:50 AM **“2009 BLM Manual of Surveying Instruction Change Implementation and Certified Federal Surveyor (CFedS) Program (Part 2)”** Dominica VanKoten, Cadastral Survey Chief, Bureau of Land Management, Eastern States Office

This is a continuation of the program listed under Part 1 above.

10:30 AM to 11:50 AM **“Organizing Your Computer Files (Part 2)”**, Larry Phipps, President, Land Surveyors Workshops

This is a continuation of the program listed under Part 1 above.

10:30 AM to 11:20 AM **Ferris State University Students Presentations—“Automated Fiducial Coordinate Determination”** Timothy Holperin, FSU Senior

For the completion of a final project in Photogrammetry, Tim wrote a program that automates the process of obtaining the fiducial coordinates of a scanned aerial photograph. Knowing the coordinates of the fiducials is critical to transforming image coordinates to accurately determine ground coordinates from photographic measurements.

**“William Burt Solar Compass”** FSU Students Travis Stricker, Jeff Fouch, Andrew Murphy, Logan Praay

This presentation will encompass the history, restoration, scanning, the PZS triangle and how the Burt Solar Compass works.

12:00 PM to 1:30 PM **LUNCH with Beau Korselman, MSPS Education & Finance Manager** – Beau will be providing a short demonstration of the new MSPS website and Association Management System.

1:30 PM to 3:20 PM **“Case Studies in Riparian Boundary Issues in the Public Land Survey System (PLSS)”**, Gregory W. Asher, PLS, Chief Land Surveyor, USDA Forest Service, Washington Office

Riparian boundary issues in the Public Land Survey System (PLSS) present unique challenges to the land surveyor in surveying and subdividing riparian interest lands and adjoining non-riparian uplands. While the BLM Manual of Surveying Instructions and other professional publications provide excellent overall general direction and guidance, case studies from actual litigation and settlements connect the technical and professional land survey work to the laws, regulations and guidelines in dealing with accretion and erosion, avulsion and reliction. This presentation will examine litigation from a case affecting National Forest System (NFS) lands and private lands adjoining a GLO meandered lake in Florida. It will include a history of the surveys and deeds leading up to the discovery of a private title claim on NFS lands and the litigation and the basis for the Federal court decision. This case will lay the foundation for general discussion on several other similar riparian survey situations in Michigan.

1:30 PM to 3:20 PM **“Anatomy of a Claim (Part 1)”** Larry Phipps, President, Land Surveyors Workshops

Ever wonder exactly what happens when someone files a claim against you? So did I. That is why I developed this class to help us all better understand the inner workings of a Professional Liability claim. We look at some example cases from the court records. Each case provides a lesson in who did what to whom and how that impacted the surveyor. Each case is full of lessons. Let us learn from the mistakes of others before we make them ourselves.

# Thursday, February 21st Continued

2:00 PM to 3:20 PM

**“Land Division Act Redevelopment Options & Current Events at OLSR”** Chris Beland, PS, Director & Nick Cleaver, PS, Plat Examiner, Office of Land Survey & Remonumentation

We will provide an overview and facilitate a discussion on redevelopment options available through the Land Division Act, 1967 PA 288. Items to be discussed will include urban renewal plats, amended plats, assessor's plats, and replat options. We will also provide a brief update and open dialogue on the status of current programs administered by the Office of Land Survey and Remonumentation. Items to be discussed will include the State Survey and Remonumentation Act, 1990 PA 345, Michigan and Indiana State Line Monumentation Act, 2010 PA 259, Land Division Act, 1967 PA 288, and the State Boundary Commission, 1968 PA 191, and associated municipal acts.

3:30 PM to 4:00 PM

**Exhibit Break - \$50 Give-Away in Exhibit Area, Must be Present to Win!**

4:10 PM to 5:00 PM

**“Waters, Wetland, and the DEQ Permit Process”** Jeff Silagy, Environmental Quality Analyst, Michigan Dept. of Environmental Quality

This session will provide information on why we protect natural resources and the laws that govern inland waters, the great lakes and wetlands. We will review the application and permit process as well as criteria used during application review. Field tips will be provided for identifying wetlands from vegetation, soils and hydrology. We will also discuss characteristics of floodplains and streams and how they relate to road stream crossings (RSX).

4:10 PM to 5:00 PM

**“Anatomy of a Claim (Part 2)”** Larry Phipps, President, Land Surveyors Workshops

This is a continuation of the program listed under Part 1 above.

4:10 PM to 5:00 PM

**“GLO Recovery Workshop”**, MTU Students Stephen Ball, Tim Drummond, Ben Stroven, Steve Steinhoff, John Kaminski and Kyle McNelis

Members of DHSC will be presenting a program on the results of their 2012 GLO recovery workshop. The corner searched for was the ¼ corner common to Sections 12 and 13 of T49N R47W that was set by William Ives in 1848. They will be discussing the training that prepared them for the field and the steps they took to locate and remonument the corner.

5:00 PM

**Registration & Exhibits Close**

6:00 PM to 7:00 PM

**Pre-Banquet Reception (cash bar)**

7:00 PM to 10:00 PM

**Banquet, Awards Ceremony & Entertainment**

**Leica Geosystems presents Piano Wars!**



Please plan on remaining after the awards portion of the streamlined banquet for the entertainment. **Piano Wars!** is a premier Dueling Pianos Entertainment Company based in the Detroit area and led by Entertainment Director Dave Caruso. Dueling Pianos is a high-energy entertainment concept in the piano bar style. Two performers at two pianos play diverse styles of music by request while using comedy to engage the audience. **The entertainment will be open to everyone free of charge and all are welcome to participate!!**

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# Friday, February 22nd

7:00 AM to 3:00 PM

**Registration Open for Annual Meeting**

7:00 AM to 8:30 AM

**SURPAC Breakfast with Senator Howard Walker, PS**

The purpose of the Surveyors Political Action Committee (SURPAC) is to generate funds for support of those legislators that support the goals of MSPS. The SURPAC breakfast will be hosting Senator Howard Walker, PS who will discuss proposed legislation and actions MSPS can take to promote the interest of members of the surveying profession and the general public in the State of Michigan. Participation in the SURPAC breakfast will financially support the goals of the SURPAC committee and also be an informative session for all participants regarding the legislative process. The breakfast is the only regular fundraiser for the PAC, however donations in the form of a personal check are always welcome.

8:00 AM to 3:00 PM

**Exhibits Open**

8:30 AM to 5:00 PM

**Auxiliary Hospitality Suite Open - Fireside Parlor**

8:30 AM to 4:00 PM

**“Office of Land Survey and Remonumentation (OLSR) Office Hours”**  
**Representatives from the OLSR will be available to meet and discuss your ongoing projects or any questions you may have regarding the programs they administer. If you are interested in meeting with a representative from their office, please call their office at (517) 241-6321 to schedule a time.**

8:30 AM to 9:50 AM

**“Encroachment Resolution on Federally Managed Public Lands and the Role of the Professional Surveyor in Conservation Easements”, Gregory W. Asher, PLS, Chief Land Surveyor, USDA Forest Service, Washington Office**

This session will cover methods of title claim and encroachment resolution on federally managed public lands that are available under federal law and the various “authorities” available to the Forest Service. As the nation focuses more and more on conserving and protecting our priceless national assets, including open space, watersheds and the natural environment, there will be a growing interest in protecting and preserving these assets by controlling or limiting urban sprawl and development through the use of Conservation Easements. This session will cover the role of the professional land surveyor in preparation for litigation to resolve an unauthorized access road constructed across a Natural Resources Conservation Service (NRCS) easement on private land and how working cooperatively with the various parties led to resolution outside of litigation.

8:30 AM to 9:50 AM

**“Mobile Scanning Collaboration Project”, Jeff Bartlett, PS, Project Surveyor, Surveying Solutions, Inc. and Phil Case, PS, Project Manager, Gourdie-Fraser, Inc.**

In the spring of 2012, Gourdie-Fraser and Surveying Solutions, Inc. were given the opportunity to partner on a detailed and problematic design survey for the Michigan Department of Transportation. Our presentation will detail some of the project challenges and the overall benefits of two (2) competing land surveying firms pulling their assets and personnel together to complete a project that not only benefited our client, but produced safety and financial rewards to both survey firms.

2013

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# Friday, February 22nd Continued

8:30 AM to 9:50 AM

**“Michigan Survey Law - What It Is and Where To Find It”, Carl F. Shangraw, PS, Professor, Ferris State University College of Technology**

Professional surveyors work very closely with attorneys, land title experts, government agencies, land developers and real estate professionals in solving the many complex legal issues involved in boundary determination. Knowing where and how to find statutes, rules, court decisions and attorney general's opinions is a very valuable tool in the surveyor's arsenal. To this end MSPS undertook the Michigan Law Project which resulted in the development of a web site available exclusively to MSPS members. This presentation will focus upon navigating this web site and how to go about conducting basic legal research using both the internet and law collections located in libraries throughout the state.

10:00 AM to 10:30 AM

**Exhibit Break - \$50 Give-Away in Exhibit Area, Must be Present to Win!**

**Visit each vendor with your card then turn it in by noon today to WIN!**

10:30 AM to 11:50 AM

**“Encroachment Resolution & Conservation Easements on State Land”, Lori Burford, Encroachment Specialist, Michigan Department of Natural Resources**

This presentation will discuss the Michigan Department of Natural Resources Encroachment Resolution Initiative and methods of resolving trespasses on state public lands. It will also discuss easements, Rail Trails and property rights, prescriptive easements and adverse possession on state public lands.

10:30 AM to 11:50 AM

**“MDOT Surveying 2013: CORS Update, Design Standards, and Construction Changes”, John Lobbestael, PS, Supervising Land Surveyor MDOT, Thomas Bogren, PS, MDOT Survey Consultant Project Manager and Shawn Roy, PS, MDOT CORS System Administrator**

MDOT's Survey Support Unit will provide a look at several areas of interest to the surveying community. Shawn Roy will talk about the present state of the CORS system, system performance and discuss MDOT's strategy going forward. Tom Bogren will speak about the 2012 Standard Specs for Construction Monument Preservation and changes to the Design Standards including new definitions for alignments and new plan annotations. Tom will also provide a brief rundown on prequalification news. John Lobbestael will talk about upcoming changes to the way the Department does business including the publication of RIDs (Reference Information Documents) with construction plans, as well as the Department's move to 3D design and construction.

10:30 AM to 11:20 AM

**“Firearm & Concealed Weapon Laws”, David A. Biegenowski, Esq., Attorney at Law**

Dave will discuss Michigan laws pertaining to firearms, including: open carry, concealed carry, transporting firearms, and some discussion on the use of deadly force.

12:00 PM to 1:30 PM

**LUNCH with MSPS Scholarships and Institute Raffle**

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# Friday, February 22nd Continued

**1:30 PM to 2:20 PM**                      **“The Trial Court System”, Michelle Donovan and Mark Nasr, Attorneys at Law, Plunkett Cooney**

This session is intended to provide a general overview of the jurisprudence system in the United States. A distinction will be drawn between criminal and civil cases, with an emphasis on the civil procedure in the State of Michigan. A discussion will also be held on the differences between the Federal Court system and the State Court system. The different levels of the civil case type including small claims, district court claims, and circuit court claims will also be discussed. The appellate court system will also be reviewed, on both the Federal and State court side. For the State courts it will include the Court of Appeals and the Supreme Court of the State of Michigan. In the Federal Court system, the Sixth Circuit Court of Appeals and the United States Supreme Court are the appellate courts at issue.

**1:30 PM to 2:20 PM**                      **“Consumers Wind Energy Projects”, Dennis H. Marvin, Director of Communications for the New Generation Department of Consumers Energy**

Consumers Energy is currently Michigan’s largest supplier of renewable energy with over 5% of its supply coming from renewable energy resources. The Company is on track for meeting the 2008 State Energy law of 10% by 2015. Dennis will outline just how the Company is meeting the Renewable Energy Standard through its construction of 350 MW of wind energy projects located in Mason County and in the Thumb region of the state.

**2:30 PM to 3:00 PM**                      **Exhibit Break - \$50 Give-Away in Exhibit Area, Must be Present to Win!**

**3:00 PM**    **Registration & Exhibits Close**

**3:10 PM to 4:00 PM**                      **“A Snapshot of a Civil Trial”, Michelle Donovan and Mark Nasr, Attorneys at Law, Plunkett Cooney**

This session is intended to provide a firsthand look at a civil court case that centers around an ALTA survey provided by a licensed surveyor in the State of Michigan. The purpose of the “mock trial” is to provide the observer the understanding of the preparation that goes into a trial and the intricacies of the types and sorts of questions that are asked during trial, primarily of an expert surveyor witness. The “Snapshot of a Civil Trial” will include brief opening statements, a direct and cross examination of an expert witness, and closing arguments. Audience participation will be encouraged.

**3:10 PM to 4:00 PM**                      **“Surveys of the CCC Era”, Craig W. McVean, PS, Land Surveyor, Michigan Department of Natural Resources**

This session will present historical information on the Civilian Conservation Corps (CCC) and the survey work that was performed by them in Michigan. The presentation will cover the purpose of the surveys, the procedures used, monuments that were set and the results and documentation of the surveys.

**4:00 PM to 5:00 PM**                      **MSPS Closing Business Meeting**

**7:00 PM to 10:00 PM**                      **BACKSIGHT PARTY for Those Staying Friday Night!! A Bonfire and Sleigh Rides available (weather permitting)**

# Auxiliary Program

**TURTLE CREEK CASINO**  
A CARPOOL SIGN-UP SHEET WILL BE PROVIDED ALONG WITH 20 "CASH CARDS" WHICH INCLUDE \$10 IN SLOT MACHINE PLAY AND \$2 OFF MEALS IN THE RESTAURANTS

**SLEIGH RIDES**  
DURING PRESIDENTS WEEK THE RESORT WILL OFFER HORSE-DRAWN SLEIGH RIDES AVAILABLE DAILY (RIDES BEGIN AT 5:00PM) IN SCHUSS VILLAGE. RIDES ARE AVAILABLE EVERY 45 MINUTES AND DEPEND ON ADEQUATE SNOW COVER AND WEATHER.



**WED 9:30-10:30 TOUR OF SHANTY CREEK RESORTS**  
See why Shanty Creek is Michigan's favorite resort...again!  
A complimentary shuttle service will take you to the three distinct villages of Summit, Schuss, and Cedar River.



**WED 11:00-12:00 RIVER HOUSE, INC.**  
River House, Inc. is a nonprofit agency that serves victims and survivors of homelessness, domestic abuse and sexual violence in four Northern Michigan counties: Crawford, Ogemaw, Oscoda, and Roscommon. In lieu of spouses' gifts at the banquet, a donation will be made to River House.



**WED 12:00-2:00 VERTERRA WINERY \$35**  
Do you know what wine to serve with your favorite foods? Choosing the right wine can really step-up your enjoyment of what you are eating, while the wrong one may sink your surf and turf. Come join us for a discussion of the art of food & wine pairing with the owners of Verterra Winery & cuisine provided by the award-winning chef of Shanty Creek.



**WED 2:30-3:30 LAUGHTER YOGA \$15**  
The concept of Laughter Yoga is based on the scientific observation that the body cannot differentiate between fake and real laughter, and that both provide the same physiological and psychological benefits. Learn to laugh-for-no-reason with E. Gail Robinson of Laughing Matters.



**THUR 9:00-10:30 THE NORTH COUNTRY TRAIL AND THE KITCHEN SINK \$10**  
The North Country National Scenic Trail stretches approximately 4,600 miles from New York to North Dakota and is the longest foot path in the United States. In 2010, Joan Young became the first woman to hike the entire NCT. Her media show highlights the outstanding features of each of the trail's seven states.



**THUR 12:00-3:30 DOWNTOWN BELLAIRE SHOPPING**  
Lunch at Toonies Fish and Steakhouse. Enjoy retail therapy at the quaint boutiques of Sassy Sunflower, Uniquely North, Sassafra & more. Take home a wonderful token of your shopping experience with a "Sassygirl All about You" hand-painted wineglass, Melissa & Doug toys for the kids or relax with an Arbonne makeover.



**FRI 10:00-12:00 CARD MAKING DEMONSTRATION & MAKE AND TAKE \$5**  
Join us to make three handcrafted cards. No previous experience is necessary. All materials will be provided to create three beautiful cards & to have some fun!  
(Photo shown for illustration purposes only)

# Speaker Biographies



**GREGORY W. ASHER, PLS** Greg is Chief Land Surveyor for the U.S.D.A. Forest Service in Washington, DC. He graduated with a Bachelor's of Science in Land Surveying Engineering (B.S.L.S.E.) from Purdue University in 1975 and has completed several graduate hours of education in Natural Resource Management, Surveying Specialty, from Arizona State University. He is currently licensed as a Professional Surveyor in Michigan and Wyoming. Greg has been working for the U.S.D.A. Forest Service as a land surveyor for 38 years, with 20 years of field experience on publicly owned and federally managed National Forest System lands (National Forests and National Grasslands). His specialty is retracement surveys and section subdivision surveys of the Public Land Survey System (PLSS) as well as retracements

of metes and bounds surveys and investigation of title claims and encroachments on public lands. In his current position as Chief Land Surveyor for the Forest Service, he is responsible for national policy, program direction and oversight of the Forest Service Land Surveying and Boundary Management Program.



**JEFFREY D. BARTLETT, PS** Jeff is a licensed professional surveyor with over twelve years of experience providing professional surveying services. In 1997, Mr. Bartlett graduated from Ferris State University with a bachelor's degree in Surveying Engineering, and Mr. Bartlett obtained his survey license in Michigan in 2001. That same year, Mr. Bartlett partnered with two other colleagues and founded Surveying Solutions, Inc. (SSI), a privately owned multi-disciplinary firm based in Standish, MI, that provides professional services with an emphasis in transportation, mobile mapping, surveying and mapping, and construction testing services. In spring 2011, Mr. Bartlett facilitated SSI's purchase and acquisition of a Riegl VMX mobile mapping and mobile LiDAR system becoming the only Michigan based professional surveying firm that is able offer complete mobile mapping services in house. Having completed nearly

three dozen mobile mapping projects throughout the nation in a variety of different applications, SSI has quickly become one of the nation's premier mobile mapping services providers.



**CHRIS BELAND, PS** Following in the footsteps of his father and grandfather, Chris set out to be a third generation surveyor graduating from Ferris State University's Surveying Engineering program in 1999 and acquiring his Michigan Professional Surveyor's license in 2002. In 2008, in an effort to better understand the business aspects of the industry, he went on to earn a Master's of Business Administration from Northwood University. In his current role, Chris strives to uphold the requirements of the laws governed by the office while understanding the uniqueness of the profession and approaches that may be taken to reach the same outcome. Chris's team is empowered and encouraged to support the industry by providing timely information and clear guidance in the laws the industry is charged with upholding.



**DAVID A. BIEGANOWSKI, ESQ** David is an attorney in Traverse City focusing on real estate, business, and municipal law. He currently chairs the Grand Traverse County Planning Commission. He has been an NRA Certified Firearms Instructor for 12 years and has taught over 1,800 Students. He is a former U.S. Marine attached to the U.S. State Department for Embassy Security. He is currently a member of the Grand Traverse County Concealed Weapons Licensing Board.



**THOMAS BOGREN, PS** Thomas is a graduate of Michigan State University and Michigan Technological University. He has been a Michigan Professional Surveyor since 1993, and is also licensed in South Dakota. After working in the private sector for over 20 years, Tom went to work for the Michigan Department of Transportation in 1996, where he is now a Survey Consultant Project Manager and also helps with Construction Staking issues. Tom is a member of the MSPS and has served on the Central Chapter Board of Directors. He is also a Past President of the South Dakota Society of Professional Surveyors.

# Speaker Biographies Continued



**LORI BURFORD** After graduating from Lake Superior State University with a degree in Biology, Lori went to work for Lapham and Associates surveying, engineering and environmental services out of their West Branch office. She left Lapham Associates in March 1999 to work for the Michigan Department of Environmental Quality as a wetlands biologist. Lori has worked for the Michigan Department of Natural Resources as their encroachment specialist since 2003. She is responsible for the resolution of trespasses on DNR managed public land throughout the entire state of Michigan.



**PHILLIP D. CASE, PS** Phillip is a 1979 graduate of Ferris State University with a B.S. Degree in Land Surveying. He has been licensed in the State of Michigan since 1983. Since graduation, Mr. Case has taken Ferris State University classes through Northwestern Michigan College in pursuit of a B.S. Degree in Business Administration. Mr. Case has an extensive and varied background in the surveying profession. His experience reflects many years of field survey work and supervision, as well as project administration and management functions. This experience includes extensive work in the oil and gas industry, county remonumentation work, telecommunications industry, Act 591 land divisions, MDOT Road Design and Right of Way Surveys, and many large retracement surveys. Mr. Case is Vice President and a principal at Gourdie-Fraser, Inc. out of Traverse City. Gourdie-Fraser, Inc. specializes in surveying, engineering, planning, municipal, development, and transportation clients.



**SUSAN A. CONRADSON, PE** Susan earned her B.S in Environmental Science from Lake Superior State University and a B.S. and M.S. in Environmental Engineering from Michigan Technological University. She has been applying her skills since 1999 with the Department of Environmental Quality (MDEQ). She worked for two years with the Hydrologic Studies Unit in Lansing. Since 1999, she has worked as a district floodplain engineer. Currently, she works in the Cadillac District Office. Her principle responsibility is administering the state's Part 31 Floodplain Regulations and the National Flood Insurance Program as they relate to floodplain development in the Northern Michigan Counties. She also has served on the Michigan Stormwater and Floodplain Association Board since 2005.



**MICHELLE R. E. DONOVAN** A member of the Plunkett Cooney's Bloomfield Hills office and Title Insurance Practice Group, Michelle focuses her practice in the areas of title insurance and real estate law. Her practice focuses on claim related issues, investigations and litigation. Ms. Donovan has expertise in various aspects of complex litigation, including multiple count complaints, cross claims and third party claims. She has additional experience in the foreclosure of mortgages and probate estate matters and is also a licensed title insurance agent

**TIM FUNK** Tim is a graduate of the Defense Mapping School's Geodetic Surveying program and spent 14 years as a US Army Geodetic Surveyor. He joined Trimble in 1995 as a Survey System trainer and has worked in both Survey and Agriculture product management over the past years.



**LARRY GERSCHBACHER, PS** Larry began his survey career as a survey technician at Atwell-Hicks, Inc. while attending Eastern Michigan University. He received an Associate's Degree in January 1966, and earned his Michigan surveyor's license in 1971, while working at Caldwell Survey in Mio. Larry became a member of the Michigan Society of Registered Land Surveyors (MSRLS) in January 1972. Larry is proud to say, that at 60 years of age, he earned a Bachelor of Science degree in Safety Engineering in June 2004, from Kennedy-Western University, Cheyenne, WY. In March 2003, while he was completing his degree, he formed Safety Check, LLC to consult and assist with establishing and enhancing safety programs for the surveying and engineering industries. He also wrote and published a comprehensive safety manual for those professions.

# Speaker Biographies Continued



**JOHN LOBBESTAEL, PS** John is a graduate of Michigan Technological University. John is a Licensed Professional Surveyor in Michigan and Ohio. Prior to joining MDOT's Survey Support Unit in 2011, he gained experience in MDOT's Real Estate Division after leaving the private sector in 2009. In his present role as Supervising Land Surveyor for MDOT, John plays an active role in overseeing adaptation of modern surveying technology to MDOT's business practices.



**DENNIS H. MARVIN** Dennis is Communications Director of the New Generation Department for Consumers Energy. Marvin is responsible for external communications including interface with organizations and stakeholders that influence policy and regulatory decisions affecting the Company's ability to construct its new generation sources for its customers with focus on community and local government relations programs, including permitting, where Consumers Energy will build 350 MW of wind generation. He is a 1975 graduate of Penn State University with a BA degree in Public Service.

**CRAIG W. MCVEAN, PS** Craig has been an employee of the Michigan Department of Natural Resources since 1996 as Land Surveyor in the Cadillac Operations Service Center (OSC). He is a graduate of Colorado State University with a BS in Geology in 1983 and a graduate of Ferris State University with a BS in Land Surveying in 1989. He also worked in surveying for the US Forest Service in Colorado and Wade-Trim in Bay City, MI.



**ROBERT F. MITCHELL, PS** Bob is a third generation professional married to Sharon with five children, six step children, 18 grandchildren and 1 great grandchild. Two of his sons, Jesse and William, are licensed Surveyors in Michigan. He served in the U.S. Army for two and half years and was honorably discharged in 1972 at the rank of sergeant. Bob has over 40 years of experience surveying in private practice in the Northern half of the Lower Peninsula and the Upper Peninsula of Michigan. Licensed as a Professional Surveyor in Michigan in 1982, Bob has been president of Bob Mitchell & Associates for the past 30 years and served as the Grand Traverse County Surveyor since 1988. Bob has served as a director of the Northern Chapter and is a current member of MSPS.



**ERIC MOORE, CIC, LIC** Eric is Vice President of Moore Insurance Services, Inc. and has been a Certified Insurance Counselor (CIC) and a Licensed Insurance Counselor (LIC) since 1991. He provides risk management and insurance services to a full range of commercial and personal clients with a special emphasis on the Design Professional Community including Architects, Engineers and Environmental Consultants.



**MARK A. NASR** An attorney in the firm's Bloomfield Hills office, Mark concentrates his practice in the area of construction law. Mr. Nasr represents architectural and engineering design firms, construction managers, general contractors, subcontractors, owners and developers in all construction matters both directly and through insurance carriers. He also represents product manufacturers and suppliers in product liability litigation. Mr. Nasr received his law degree from University of Detroit Mercy School of Law in 2010. He also received both a bachelor's and a master's degree in Civil and Environmental Engineering from Wayne State University in 2007.

# Speaker Biographies Continued



**KERRY J. NELSON, CPA** Kerry is a Tax Principal with Rehmann and Director of the firm's not-for-profit tax practice. She is located in our Traverse City office. Kerry has experience in providing both accounting and tax services to family owned and closely held businesses, their shareholders and officers. Kerry is also the director of Rehmann's firm-wide not-for-profit tax practice. She focuses on the tax compliance arena for our not-for-profit clients in the Grand Traverse area. Kerry completed her accounting requirements at the University of Wisconsin-Oshkosh. She received a Bachelor of Science degree in Education from Illinois State University and a Master of Science in Education from Northern Illinois University.



**STEPHEN M. PEACOCK, CPA** Steve is a Principal in the Traverse City office working in the Audit and Assurance group. Steve has been with the firm since 1993. He has been the engagement manager for many clients under a variety of engagement types including financial institutions, construction contractors, oil and gas companies, utilities, hospitality and resorts facilities, and colleges and universities. Prior to joining Rehmann, Steve was with a national firm for six years. Part of his experience at this firm was spent serving as the in-charge of many moderate to large engagements, both public and private. He is a graduate of Lake Superior State University with a Bachelor of Science degree in accounting.



**THOMAS PEAK, PS** Thomas is a Registered Professional Surveyor. He began surveying in the military and has worked for two ENR top 50 contractors as District Surveyor and Director of Surveying, leading both conventional survey and machine control teams. He began working for Carlson Software in 2008 and is currently the Regional Director for Ohio, Indiana and Michigan. He has more than 29 years of experience in surveying, construction and using computer-aided design and drafting.



**SHAWN ROY, PS** Shawn is a graduate of Michigan Technological University. Shawn has been a part of MDOT's Survey Support Unit for over 10 years. In Shawn's present position as Survey Technology Specialist, he oversees the operation and system administration for the MDOT CORS network as well as coordinating the implementation of modern survey tools for department use in surveying and construction.



**BARBARA SABLE** Barbara is the Director, Professional Enterprise Risk Solutions for RLI's Professional Services Group. She is responsible for developing the content for RLI's risk management programs and addressing the day-to-day risk management needs of RLI's policyholders. Barb provides face-to-face seminars, webinars, contract reviews, policy analysis, and insurance program guidance to RLI's producers and insureds. Prior to joining RLI, Barb was an equity partner in a national insurance brokerage firm, serving the needs of that firm's largest architecture and engineering clients. Before that, Barb was an executive with Victor O. Schinnerer, where she was responsible for underwriting and risk management for numerous architecture and engineering firms worldwide. Barb is a 1985 graduate of Northwestern University in Evanston, IL, with a B.A. in Mathematics.



**CARL F. SHANGRAW, PS, CFEDS** Carl is a professional surveyor licensed in the states of Michigan and Wisconsin and is a Certified Federal Surveyor (CFedS). Carl is currently serving his 18<sup>th</sup> year as a Professor of Surveying Engineering at Ferris State University. He holds a Master of Science degree in Surveying Engineering from Purdue University and prior to teaching at Ferris, spent over 25 years surveying in both the private and public sectors. He has served on the board of directors for IMAGIN (Improving Michigan's Access to Geographic Information), and completed two four-year terms on the State of Michigan Licensing Board for Professional Surveyors where he served for five years as chair and one year as vice-chair.

Carl is the founder and faculty advisor to the Mary Feindt Chapter of Lambda Sigma, the surveying students' national

# Speaker Biographies Continued



**JEFF SILAGY** Jeff attended MSU, and received BS and MS in Natural Resource Management. He has worked for various local resource agencies, as well as the National Park Service. Jeff has been with the DEQ/DNR for 28 years, including work in Lansing and the Upper Peninsula. The remaining time has been in Northern Lower Michigan (Mio and Cadillac) administering the Inland Lakes and Streams Act and Wetlands Protection Act, among other water related laws. Currently Jeff does the environmental review for transportation projects in a 32 county area of Northern Lower Michigan and works out of the Gaylord Field Office.



**DONNY SOSA** Donny has been working in the surveying and GIS industry for over a decade under a variety of roles and titles. Donny's experience includes many survey types including: GPS networks, boundary, construction, topographical, and hydrographic surveys. As a GIS professional, he has served as a Project Manager and Consultant. Donny has worked at Esri for over 9 years, and currently serves as the Survey Industry Specialist. Donny graduated from Texas A&M University-Corpus Christi with a Bachelors of Science in GIS, emphasis in Geomatics. His teaching experience includes GIS workshops for surveyors at state societies and satellite positioning.

**MICHAEL STUMP** Michael is currently the Global Technical Support Manager for the Spectra Precision Nikon Ashtech division of Trimble Navigation, Ltd. During his 12 years with Trimble, he has worked as an Application Engineer in the Land Survey Division as well as SPNA. He has held positions in various teams including Integrated Systems Development, Quality Assurance Testing, Technical Training and Technical Support. His background is based in Civil Engineering Technology as well as Geodetic Surveying.



**DOMINICA VANKOTEN, LLS** Dominica is the Chief Cadastral Surveyor at the Bureau of Land Management Eastern States Office in Springfield Virginia. She is responsible for the management of the BLM cadastral survey program in the 31 states east of and bordering the Mississippi River. Before transferring to the Eastern States Office, she spent 17 years working for BLM at the Alaska State Office in various positions from Field Surveyor to navigability section chief. She is an Alaska licensed land surveyor and holds a Bachelor's degree in surveying engineering from Ferris State University in Michigan.

## Ferris State University Students



Timothy Holperin



Travis Stricker



Jeff Fouch



Andrew Murphy



Logan Praay

## Michigan Technological University Students

From left to right: Stephen Ball, Tim Drummond, Ben Stroven, Steve Steinhoff, John Kaminski, Kyle McNelis



# Special Events



## BEER & FOOD PAIRING DINNER

*Featuring Bell's Brewery*

*& Shanty Creek's Award-winning Chef, Andrew Reh*

Tuesday, February 19, 2013

**\$38 per person**

5:00 to 7:00 p.m.

**Door Prizes**

**By Reservation Only**

Beer & Food Pairing Dinners have become a new and exciting event across the country. Micro brewed beers continue to increase in popularity. Bell's ranks eighth in the country for microbreweries. Chef Reh, 2012 Culinary Star of the year, has a delicious menu planned—Cherry Blues Salad, Woodland Tart, Pecan Chicken and a Chocolate desert each paired with a sample of a unique Bell's beer. The price includes: dinner, beer samples, tax & tip. A CA\$H bar will also be available. *Join us to enjoy a culinary and beverage delight while having fun with friends!*



### **Verterra Winery & SCR Lunch**—Wednesday, February 20th, noon-2

*Chef Andrew Reh* has prepared the following menu:

- ◆ Braised short ribs with whipped potatoes
- ◆ Shaved pork loin sliders with cherry marmalade
- ◆ Tomato salad and assorted cheese display
- ◆ Pear and almond tart

Each course to be paired with Verterra Wine—*DELICIOUS!*

Anyone attending the Annual Meeting may participate  
**\$35 per person**

## ***This Year's Annual Meeting Has It All —***

### **EDUCATION • NETWORKING • RELAXATION • FUN IN THE SNOW**

*Our friends at Shanty Creek Resort have generously agreed to extend the special MSPS room rate to include the weekends before and after the conference. Bring your family or have them join you for some much needed relaxation and fun in the snow. Shanty Creek is a great place to unwind or play. There will be a backsight party on Friday night for those spending the night including a bonfire and sleigh rides weather permitting.*



**SHANTY CREEK RESORTS®**  
SUMMIT • SCHUSS • CEDAR RIVER

2013

MSPS

Annual

Meeting

19

# 2013 MSPS Annual Meeting Registration Form

<input checked="" type="checkbox"/> P.S. <input type="checkbox"/> Assoc/Aff <input type="checkbox"/> Student <input type="checkbox"/> Non-Member		This Section <input checked="" type="checkbox"/> Non-Surveyor Guest	
<b>First&amp;Last NAME:</b>		<b>Guest First&amp;Last NAME:</b>	
<b>COMPANY</b>		<b>PHONE</b>	
<b>ADDRESS</b>		<b>CITY, STATE, ZIP</b>	

Professional Member <input checked="" type="checkbox"/>		<b>Tuesday, February 19, 2013</b>		Associate Member <input checked="" type="checkbox"/>	
1 <sup>st</sup> Prof. Full Day	\$110.00	Pre-Event Seminar - Registration at 8:30 am <b>Larry Phipps, President, Land Surveyors</b> <b>Workshops</b> <b>"Cha...Cha...Changes" 9:00-Noon</b> <b>"The Seven Deadly Sins of Surveying"</b> <b>1:00-5:00 pm</b>		1 <sup>st</sup> Assoc. Full Day	\$ 90.00
2 <sup>nd</sup> Prof. Full Day	\$ 90.00			2 <sup>nd</sup> Assoc. Full Day	\$ 60.00
3 <sup>rd</sup> Prof. Full Day	\$ 60.00			3 <sup>rd</sup> Assoc. Full Day	\$ 40.00
½ Day Only	\$ 65.00			½ Day Only	\$ 65.00
Non-Member	\$250.00			Non-Member	\$180.00
Student	\$ 30.00			Non-Member ½ Day	\$130.00

**Registrations for Packets 1, 2, or 3 received by January 18, 2013 will receive the Early Registration Gift**

PACKETS	<input checked="" type="checkbox"/>	PACKET INCLUDES	Early Registration MEMBER	(After 1/18/2013) MEMBER	NON-MEMBER
<b>PACKET 1:</b>		All Programs, Exhibits, Lunches and 1 Banquet Ticket	\$320.00	\$400.00	\$650.00
<b>PACKET 2:</b>		All Programs, Exhibits, No Meals	\$260.00	\$325.00	\$545.00
<b>PACKET 3:</b>	<input checked="" type="checkbox"/> DAY→	One Day Only, All Programs, Exhibits, No Meals Wed. [ ] Thurs. [ ] Fri. [ ]	\$140.00	\$175.00	\$335.00
<b>PACKET 4:</b>		Exhibits Only	\$ 50.00	\$ 50.00	\$190.00

**Professional + Technician : Bring a technician and receive 50% off the tech's registration fee**

<b>Technician Name:</b>	<b>Packet # (1-4):</b>	<b>%50 Off Fee: \$</b>
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DAY	TIME	DESCRIPTION		<input checked="" type="checkbox"/>
<b>WEDNESDAY</b>	9:30 – 11:50	“Business Opportunities in GIS” Donny Sosa, Survey Industry Specialist, ESRI	W1	
	9:30 – 11:50	“New Business Start-Ups, Business Succession Planning, and Buying and Selling a Business” Steve Peacock, CPA, and Kerry Nelson, CPA, Rehmann Robson	W2	
	9:30 - 11:20	“Techniques for Retracement of Historical Surveys” Robert F. Mitchell, P.S.	W3	
	1:30 – 2:50	“GLO/BLM – Then and Now (Part 1)” Dominica VanKoten, BLM Eastern States Office	W4	
	1:30 – 2:50	“Successful Safety Management: A Reflection of an Organization’s Safety Culture” Larry Gerschbacher, P.S.	W5	
	2:00 – 2:50	“FEMA Maps & Base Elevation Determination” Susan A. Conradson, MDEQ	W6	
	3:40 – 5:00	“GLO/BLM – Then and Now (Part 2)” Dominica VanKoten, BLM Eastern States Office	W7	
	3:40 – 5:00	“3D Modeling Software” Tom Peak, Regional Sales Representative, Carlson Software	W8	
	3:40 – 5:00	“New Approaches to Quality Assurance When Using GNSS Receivers” Tim Funk, Trimble	W9	
<b>THURSDAY</b>	8:30 – 9:50	“2009 BLM Manual of Surveying Instruction Change Implementation and Certified Federal Surveyor (CFedS) Program (Part 1)” Dominica VanKoten, BLM Eastern States Office	TH1	
	8:30 – 9:50	“Organizing Your Computer Files (Part 1)”, Larry Phipps, Land Surveyors Workshops	TH2	
	8:30 – 9:50	“Better Utilization of Survey Pro Data Collection Software”, Michael Stump, Spectra Precision	TH3	
	10:30 – 11:50	“2009 BLM Manual of Surveying Instruction Change Implementation and Certified Federal Surveyor (CFedS) Program (Part 2)” Dominica VanKoten, BLM Eastern States Office	TH4	
	10:30 – 11:50	“Organizing Your Computer Files (Part 2)”, Larry Phipps, Land Surveyors Workshops	TH5	
	10:30 – 11:20	Ferris State University Students Presentations	TH6	
	1:30 – 3:20	“Case Studies in Riparian Boundary Issues in the Public Land Survey System (PLSS)”, Gregory W. Asher, PLS, USDA Forest Service Washington Office	TH7	
	1:30 – 3:20	“Anatomy of a Claim (Part 1)” Larry Phipps, Land Surveyors Workshops	TH8	
	2:00 – 3:20	“Land Division Act Redevelopment Options & Current Events at OLSR” Chris Beland, PS, Nick Cleaver, PS, Office of Land Survey & Remonumentation	TH9	
	4:10 – 5:00	“Waters, Wetland, and the DEQ Permit Process” Jeff Silagy, MDEQ	TH10	
	4:10 – 5:00	“Anatomy of a Claim (Part 2)” Larry Phipps, Land Surveyors Workshops	TH11	
	4:10 – 5:00	“GLO Recovery Workshop”, MTU Student Presentation	TH12	

DAY	TIME	DESCRIPTION		(✓)
FRIDAY	8:30 – 9:50	“Encroachment Resolution on Federally Managed Public Lands and the Role of the Professional Surveyor in Conservation Easements”, Gregory W. Asher, USDA Forest Service	F1	
	8:30 – 9:50	“Mobile Scanning Collaboration Project”, Jeff Bartlett, PS and Phil Case, PS	F2	
	8:30 – 9:50	“Michigan Survey Law – What It Is and Where To Find It”, Carl F. Shangraw, PS	F3	
	10:30 – 11:50	“Encroachment Resolution & Conservation Easements on State Land”, Lori Burford, MDNR	F4	
	10:30 – 11:50	“MDOT Surveying 2013: CORS Update, Design Standards, and Construction Changes”, John Lobbstaal, PS, Thomas Bogren, PS, Shawn Roy, PS, MDOT	F5	
	10:30 – 11:20	“Firearm & Concealed Weapon Laws”, David A. Biegenowski, Esq., Attorney at Law	F6	
	1:30 – 2:20	“The Trial Court System”, Michelle Donovan & Mark Nasr, Attorneys at Law, Plunkett Cooney	F7	
	1:30 – 2:20	“Consumers Wind Energy Projects”, Dennis H. Marvin, Consumers Energy	F8	
	3:10 – 4:00	“A Snapshot of a Civil Trial”, Michelle Donovan and Mark Nasr, Attorneys at Law, Plunkett Cooney	F9	
	3:10 – 4:00	“Surveys of the CCC Era”, Craig W. McVean, PS, Land Surveyor, MDNR	F10	

MEALS				# Purchasing	# x \$
TUESDAY	5:15 – 6:45 pm	\$ 38.00 ea.	DINNER–Bell’s Brewery & SCR’s Award Winning Chef’s Food & Beer Pairing		
WEDNESDAY	7:00 am – 8:30 am	\$ 16.00 ea.	County Surveyor’s BREAKFAST		
	12:00 – 1:30 pm	\$ 25.00 ea.	LUNCH – Tracey Ramsey, Shanty Creek Resorts & Trig-Star Awards		
THURSDAY	7:00 am – 8:30 am	\$ 16.00 ea.	MSPS Proprietors Council BREAKFAST “Protecting Your Practice: Contracts for Land Surveyors”		
	12:00 - 1:30 pm	\$ 25.00 ea.	LUNCH – Beau Koerselman, MSPS Education & Finance Manager		
	7:00 pm – 10:00 pm	\$ 40.00 ea.	BANQUET/AWARDS/ENTERTAINMENT		
FRIDAY	7:00 am – 8:30 am	\$ 40.00 ea.	SURPAC BREAKFAST w/ Senator Howard Walker, PS <b>Personal Check Only</b>		
	12:00 - 1:30 pm	\$ 25.00 ea.	LUNCH – MSPS Institute & Scholarships		

SPOUSE/GUEST PROGRAMS				# Attending	# x \$
WEDNESDAY	9:30 am	\$0	Tour of Shanty Creek Resorts		
	11:00 am	\$0	River House, Inc Presentation.		
	Noon	\$35	Verterra Winery Luncheon – Wine & Food Pairing		
	2:30 pm	\$15	Laughter Yoga		
THURSDAY	9:00 am	\$10	The North County Trail and the Kitchen Sink		
	Noon	\$0	Downtown Bellaire Shopping		
FRIDAY	10 a.m.	\$5	Card Making Demonstration & Make and Take		

**YOUR HOTEL RESERVATIONS**  
 Complete & mail, fax or email the included Registration Form (p. 23) to make your reservation by 1/18/13 – *after that date our block of rooms will be released to the public.*  
**REGISTER EARLY!** Address and fax # are on the form or email to:  
 tramsey@shantycreek.com

**Due to Hotel guarantee, “At the door” meal tickets may not be available. Please pre-register for meals.**

**Registrations for Packets 1, 2, or 3 received by January 18, 2013 will receive the Early Registration Gift**

TOTALS	
Tuesday Seminar	
Packet Price	
Prof. + Tech Packet	
Meals other than those with Packet 1	
Spouse/Guest Programs	
Grand Total	

**E-mail Address:** \_\_\_\_\_

CHECK ENCLOSED [ ] \$ \_\_\_\_\_  
 CREDIT CARD: VISA [ ]    MASTERCARD [ ]    DISCOVER [ ]    OR AMERICAN EXPRESS [ ]  
 CARD NUMBER: \_\_\_\_\_ EXP DATE: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_

**MAIL, FAX OR EMAIL BOTH PAGES**  
 TO: MSPS, 220 MUSEUM DR.  
 LANSING, MI 48933-1905  
 PHONE: 517.484.2413  
 FAX: 517.484.3711  
 centraloffice@misps.org

**Cancellation Policy: Written cancellation request must be postmarked 30 days in advance of the annual meeting for 100% refund.**  
**DO NOT SEND or FAX YOUR REGISTRATION TWICE. ALL REGISTRATIONS MUST COME WITH PAYMENT.**  
**RESERVATIONS CANNOT BE TAKEN BY PHONE. SEND BOTH PAGES – TWO (2) – FULL SIZE**  
**ONLY ONE PERSON, PROF. + TECH, AND GUEST PER REGISTRATION FORM - MAKE COPIES IF NEEDED**



**Michigan Society of Professional Surveyors  
February 18-22, 2013**

163441

Reservations Must be Received By: **January 18, 2013**

**PLEASE RETURN THIS FORM BY MAIL OR FAX TO:**

Reservations Department • Shanty Creek Resorts  
5780 Shanty Creek Road • Bellaire, MI 49615  
Fax: 231.533.7004

Check-in begins at 6pm, Check-Out is 12pm

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Home Phone: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Business Phone: \_\_\_\_\_

Confirmation Email: \_\_\_\_\_ Fax: \_\_\_\_\_

*You are welcome to arrive early or extend your stay following this scheduled event. At times specified accommodations are not available prior to or following your event. If the room type requested is not available, we reserve the right to assign the next available room type and rate.*

Arrival Date: \_\_\_\_\_ Departure Date: \_\_\_\_\_ # Adults: \_\_\_\_\_ # Children: \_\_\_\_\_

ROOM TYPE:	1 Adult	2 Adults	3 Adults	4 Adults
_____ Guest Room (2 Beds)	\$79	\$79	\$94	\$109
_____ Parlor Studio (King Bed)	\$89	\$89		
_____ 1 bedroom condo	\$145	\$145		
_____ 2 bedroom condo	\$199	\$199	\$199	\$199
_____ 1 bedroom suite (Cedar River)	\$145	\$145		
_____ 2 bedroom suite (Cedar River)	\$199	\$199	\$199	\$199

The above rates are Per Room, Per Day, plus 6% state tax, 9% resort fee and 5% TCCVB fee.

**If your organization is state tax exempt you must furnish a copy of the state tax exemption certificate when making your reservation.**

**THIS FORM MUST BE MAILED OR FAXED IN TO RECEIVE THE GROUP DISCOUNTED RATES.**

Deposit Policy: You must guarantee your room reservation with a major credit card or a check for deposit of 1<sup>st</sup> nights lodging. Credit card **WILL BE** charged for the above deposit. **Use of Debit cards at the resort for lodging or deposits may cause your financial institution to put a hold on your account for the total amount of the stay plus a \$50.00 per night incidental charge. The resort is not responsible for returned check fees resulting from this practice by your financial institution.** Refund of your deposit will be made if cancellation occurs at least 5 days prior to arrival, less a \$10 handling fee.

Card Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
*(If Mailing a Check, Please Note on the Line Above.) Reservation will be held for 10 days pending receipt of the check. If credit card deposit is made and organization pays in full by check refunds of credit card are subject to a \$10.00 handling fee.*

Signature (Required): \_\_\_\_\_ Printed Name \_\_\_\_\_

Do you have any special lodging requests?

Barrier Free: \_\_\_\_\_ Other (Please Indicate): \_\_\_\_\_

We do our best to honor special requests, however we cannot guarantee them.

**For Questions or More Information, Please Call: 1-800-678-4111**

# Resort Amenities

## *Shanty Creek — In the Middle of Everything Up North!*

Sure, Shanty Creek is a premier golf and ski resort, but SCR offers so much more with plenty to keep you and your family captivated from the moment everyone arrives. So breathe in the fresh air, drink up the culture and dive right in . . . literally. The resorts offer the following amenities and more:

- Swimming Pools • Children's Programs
- Disc Golf • Sleigh Rides
- Fitness Center • Tubing
- Wellness Spa • Snowshoeing
- On-site Snowmobiling • Cross Country Skiing



Michigan Society of Professional Surveyors • 220 Museum Drive • Lansing, Michigan



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See You in Bellaire!