PLSO 2014 Fall Seminar
Session Descriptions and Presenters

Thursday, October 16, 2014

Morning Sessions:

As I continue “Traversing the Law,” studying and writing about court cases involving boundary disputes and land surveyors, I have found everything from the ridiculous to the sublime. In some cases, I have to shake my head in disbelief over what I was reading leaving me with just one question: What went wrong? This seminar will investigate the answer to this question by a detailed study of several court decisions involving surveyors and surveys that went terribly wrong. The painful lessons learned by others through the school of hard knocks can be painlessly explored and appreciated without the accompanying liability and damages that attach to boundary disputes and negligence actions. These cases will be studied and discussed through a Power Point presentation. Footnote: “Traversing the Law,” is a reference to Jeff’s regular column in P.O.B. magazine that he has been writing since 2004.

Field to Finish with Carlson Survey: Jennifer DiBona (That CAD Girl)
This two-hour session will be a thorough introduction to Carlson Survey’s Field to Finish feature. We will first show how the proper use of coding and descriptions in the field can drastically reduce the time spent creating an existing conditions plan in the office. Next, we will start with an empty drawing, import points and process with Field to Finish so that points, symbols and linework are inserted to the drawing on their proper layers. While Carlson Survey will be used for this presentation, the major principles of field to finish will be applicable regardless of the software used by attendees.

Tips & Tricks for CAD Standardization: Jennifer DiBona (That CAD Girl)
This two-hour class will cover CAD tips and tricks – both small and large, for older and newer versions – with an eye toward helping you standardize your AutoCAD or IntelliCAD-based programs. How can PEDITACCEPT help you? Do you know your temporary overrides? How can Sheet Set Manager update hundreds of notes and references in multiple drawings in a split second? This is the class to attend if you want to learn how to save picks and clicks, time and money...

OUPS Update and OUPS Laws: Stephen Cahill, PS; Darren Owens, PS, PE; OUPS Staff
These sessions will keep you up to date on the latest information regarding the updates to Ohio’s “Call before you dig” laws and regulations.

Afternoon Sessions:

The Pincushion Effect (The Multiple Monument Dilemma): Jeffrey Lucas, PLS, Esq.
The “pincushion” corner is the name that has commonly been assigned to the phenomenon of multiple monuments that have been placed in the vicinity of a single land boundary or property corner. The pincushion corner is the bane of the land surveying profession because it represents the physical manifestation of the land surveyor’s collective confusion over his or her duties and responsibilities toward property boundaries. Within the context of the land surveyor’s duties and responsibilities toward boundaries, there is no reason for multiple monuments to exist when only one corner is contemplated under the law. This seminar explores the phenomena of the pincushion corner and the dilemma it creates for the land surveying profession. The surprising causes of the pincushion corner will be discussed and ways to avoid starting a new pincushion or adding to an existing one will be explored.
Hydrographic Surveying and Marine Mobile LiDAR: John Gustin, PS
The two sessions for this presentation will cover the following information:

Hydrographic Surveying: A brief history of Hydrographic Surveying; Types of Hydrographic Surveys; Technical Aspects of Hydrographic Surveying; Costs associated with Hydrographic Surveying; Challenges and Hazards of Hydrographic Surveying, and Example Hydrographic Projects

Marine Mobile LiDAR: What is Marine Mobile LiDAR; Applications for Marine Mobile LiDAR; Technical aspects of Marine Mobile LiDAR; Costs associated with Marine Mobile LiDAR; Processing/managing data (1 million points/second), and Example Mobile LiDAR Projects

Becoming an Effective Expert Witness: Basic Tips for Testifying: Judge Teresa Liston, Ret.
Learn what it takes to testify like a pro at this information-packed session. Judge Teresa Liston will instruct participants in the “do’s and don’ts” of courtroom etiquette, witness preparation, and give you an idea of what to expect if you are called as an expert for a legal action.

What to do if you get sued: Thomas Schuck, Esq., John D. Holschuh, Jr., Esq., and Robert J. Cooper, Jr., CIC, CRM
This panel discussion will provide you with practical advice regarding what to do if you become the subject of litigation. The panel includes attorneys who specialize in both the defense and plaintiff side of the process, as well as an insurance specialist in the area of Errors and Omissions coverage.

Friday, October 17, 2014

Morning Sessions:
Relevancy in the 21st Century (full day session): Jeffrey Lucas, PLS, Esq.
Will surveying remain relevant in the 21st century or are land surveyors destined to become the buggy-whip manufacturers of our time? By the way land surveying has been practiced over the last half-century, the land surveying profession has demonstrated to the general public that land surveyors are more likely to start a boundary dispute than to solve one. When all the profession has to offer their clients (and adjoining landowners) are problems with no solutions, eventually land surveyors are the problem. Pincushion corners are the physical evidence of the land surveying profession’s collective confusion over their duties and responsibilities towards property boundaries, and they have given society the idea that land surveyors don’t know what they are doing. With some of the recent actions of government officials in Texas and Florida, and talks of budget cuts in all state governments, it’s easy to see the possibility of a deregulated profession. Would the profession survive deregulations? How has the profession gotten to this point and is there a way out? This seminar explores this and many other compelling questions of our time.

Railroad Surveys: Lee Nordloh, PS
Session Description will be posted upon receipt

State Board of Registration: Code of Ethics and Improper Conduct: John Greenhalge, Executive Director
This program covers the Code of Ethics for Professional Engineers and Professional Surveyors as well as other areas of the laws and rules that result in violations of Ohio law. This program discusses case studies and examples involving recent violations of the registration act and how to avoid them.

State Board Investigations: Jason McLean, Enforcement Supervisor
This program covers the State Board of Registration for Professional Engineers and Surveyors investigations and enforcement program. The program covers the requirement for reporting violations and filing complaints; common violations; the Board’s proactive enforcement effort; the investigation process; filing administrative and criminal charges; and the hearing and appeal process.
**Afternoon Sessions:**

**How Ohio’s Counties Got Their Shapes:** *Mike Buettner, PS*

This course was inspired by the fascinating "How the States Got Their Shapes" television program that premiered in 2010 on the History Channel, and takes a similar approach in looking at the Ohio's county boundaries, with special attention to the lines and points which control those boundaries. Several excellent references and access to Ohio law books have allowed Mike the opportunity to study 100 years of county boundary changes dating from 1788 to 1888. As a result, Mike has prepared an enlightening chronology of 18 maps which show how the original counties of the Northwest Territory have been divided into the 88 counties that are found on the Ohio map of today.

**OGRIP Statewide Data Initiatives:** *Jeff Smith, OGRIP*

Session Description will be posted upon receipt.

**NGS/NOAA updates:** *David Conner*

**Nationwide GPS on Bench Marks (BM) Campaign, a New Method for Surveyors to Improve GPS Derived Height Accuracy**

This session will review how surveyors can improve geoid model accuracy, and thereby the accuracy of GPS derived heights in their projects, by submitting GPS observations on existing BM’s to NGS’ OPUS utility. Ongoing efforts to preserve and re-establish existing BM’s will also be reviewed along with other NGS related topics which may be of interest to users of GPS, geodetic control and GPS.
Presenter Biographies

Mike Buettner is a 1978 graduate of Purdue University, where he earned a Bachelor of Science degree in Land Surveying. Since graduation, he has spent 36 years with Kohl & Kaliher Associates, Inc., in Lima, Ohio, and is now a principal and chief surveyor for that firm. Mike specializes in the preparation of legal descriptions and drawings for bridge and highway right-of-way plans, and also for property surveys and plats. He is the long-time secretary for the Treaty Lands Chapter of the Professional Land Surveyors of Ohio (PSLO). This is the newest of three continuing education programs that Mike has developed for various PLSO conferences through the past dozen years, with his previous programs being "I've Been Learning on the Railroad" and "Surveying Northwest Ohio."

David Conner, National Geodetic Survey, NOAA, is a geodesist serving as NGS' Geodetic Advisor to the State of Ohio, assisting State and local government agencies and private firms in their efforts to develop, use, and maintain the National Spatial Reference System.

Jennifer DiBona is a long-time CAD consultant and trainer doing business as That CAD Girl. Many years ago when working in civil engineering and land surveying offices, she found herself working primarily with men (naturally). Since she was the only “girl” in the office, clients or others asking for her would often simply ask for “That CAD Girl”. The name stuck. Jennifer has a degree in Surveying Technology and has worked in consulting offices across North Carolina, Chicago, Illinois, and Asheville, NC. In 2004, Jennifer became a full-time, independent consultant doing business as That CAD Girl providing training, technical support and other various consulting services for her customers. She also continued to focus on building surface models for machine control systems and helping grading contractors make the transition from paper-based to CAD-based estimating. Jennifer has spoken at several trade shows about the management and preparation of files for these systems. In 2007 she again joined forces with Carlson Software when she became a reseller for their products and has concentrated on the programs in the Carlson Civil Suite (Survey, Civil, Hydrology and GIS) and Carlson TakeOff. In 2009 Carlson Software announced they were expanding their training division, Carlson College and that Jennifer and That CAD Girl were added to the exclusive list of Carlson Software training providers. Over the years, Jennifer has taught several Autocad classes for the continuing education departments of Coastal Carolina, Sampson and Johnston Community Colleges and is certified through the NC Board of Examiners for Engineers and Surveyors to provide continuing education credit to licensees.

John F. Greenhalge is the Executive Director of the Ohio State Board of Registration for Professional Engineers and Surveyors. John has been with the Board since 1998, previously serving as the Board’s Enforcement Supervisor and as the Assistant Executive Director. Prior to joining the Board John worked as an investigator for the Franklin County Prosecuting Attorney’s office and as a loss prevention and human resources investigator for Sears Roebuck & Co. John has a Bachelor of Science degree in Business Administration and a Masters of Business Administration degree from Ashland University. John has served on numerous national committees for the National Council of Examiners for Engineering and Surveying (NCEES) including the Committee on Law Enforcement, the NCEES Leadership Task Force and the Member Board Administrators Committee. John was recently appointed to Chair the NCEES Committee on Law Enforcement for 2015. John is a recipient of the NCEES Distinguished Service Award for outstanding service to the Central Zone, NCEES and the engineering and surveying profession.

John Gustin is the President of Seaside Engineering And Surveying, LLC. Mr. Gustin is a professional Surveyor and Mapper in Florida with over 32 years of experience as a Surveyor and Hydrographer. As a contractor, Mr. Gustin’s firm has performed work for 17 U.S. Army Corps of Engineers Districts as well as NOAA and NAVFAC. He is a nationally recognized Hydrographer and has contributed to the U.S. Army Corps of Engineers Hydrographic Surveying Engineering Manual. Mr. Gustin is also an authority on the Corps’ Inland Electronic Navigational Chart (IENC) program and has presented at the last 6 annual IENC Program Review Meetings.
John D. Holschuh, Jr. concentrates his practice on the area of representing patients and their families in medical negligence and personal injury litigation. Mr. Holschuh is a past president of the Cincinnati Bar Association and the Cincinnati Bar Foundation. He is currently the District One Governor for the Ohio State Bar Association for Hamilton, Warren, Clermont, Butler and Highland Counties. He is a fellow in the American College of Trial Lawyers, the American Board of Trial Advocates and the International Society of Barristers. John has been listed in The Best Lawyers in America in the area of personal injury litigation for the past 15 years. He was recognized in Best Lawyers 2014 as a "Lawyer of the Year". He has been recognized as an "Ohio Super Lawyer" for the last 10 years and in 2011 was one of the "Top 50" Cincinnati Super Lawyers and "Top 100" Ohio Super Lawyers. He was also recognized as "The Best of the Best" Leading Lawyers in 2011 by Cincinnati Magazine in the area of malpractice. Mr. Holschuh has practiced in the area of medical negligence for over 31 years and has tried cases throughout Ohio and Kentucky. He is licensed to practice law in Ohio and Kentucky, the federal courts, and the Supreme Court of the United States. John received his Bachelor of Science Degree from Miami University and his Juris Doctor from the University of Cincinnati College of Law. He has been recognized in the Who's Who of American Law, the Who's Who in America, and the Who's Who in the World. John has been recognized in The Best Lawyers in America in the field of personal injury litigation since 1996. A member of the Order of Barristers, John has been cited with a Merit Award by the Ohio Legal Center Institute. John has authored numerous publications and lectured on civil litigation.

Judge Teresa Liston, ret., served as a judge of the Franklin County Municipal Court, Ohio's largest trial court, for three consecutive terms before her retirement. During her tenure on the court she was twice elected by that court's fifteen judges to serve as its Administrative and Presiding Judge. She currently hears cases throughout Ohio as a Retired Assigned Judge and does extensive teaching for judicial and legal training programs throughout the U.S. Judge Liston is on the faculty of the National Judicial College and teaches courses for the Ohio Judicial College, where she previously served as President of its Board of Trustees for two terms. She is an Adjunct Professor of Law at Capital University Law School and is an Adjunct Professor in the Paralegal and Law Enforcement Programs at Columbus State Community College, and teaches at the Ohio State Highway Patrol Academy. Judge Liston is a founder and faculty member of the Justice Institute for the Legal Profession. Known nationally for her expertise in judicial and legal education, Judge Liston has designed and taught courses in twenty-four states on topics related to trial evidence and procedure.

Jeffery N. Lucas is in private practice in Birmingham, Alabama. Lucas has been in the surveying business since 1976. He is a licensed land surveyor registered in Alabama, Florida, Georgia, Mississippi and Tennessee. Lucas is a licensed attorney and member of the Alabama State Bar since 2003. Lucas specializes in land boundary issues as an attorney, land surveyor, consultant, mediator and expert witness. He has been a seminar leader on surveying topics that include ALTA/ACSM standards, boundary law, law of easements, water boundaries, surveying evidence and procedures, expert witness testimony, business law, contract law, torts and liability. He has over 30 titles that he has developed in his seminar library. Lucas is the author of “Alabama Boundary Law” (ISBN: 978-0-557-53328-2) and “The Pincushion Effect, The Multiple Monument Dilemma in American Land Surveying,” (ISBN: 978-1-257-86758-5). He just recently finished the manuscript for the “Illinois Boundary Law” book that will be featured in February, 2013, at the Illinois Professional Land Surveyors Association (IPLSA) conference in Springfield, Illinois. He has also authored over 100 articles on surveying and boundary issues and writes a regular column for P.O.B. Magazine since 2004.

Jason McLean is responsible for supervision of the Board’s enforcement and investigations unit. This unit is charged with investigating all complaints against regulated individuals and firms and those practicing engineering and surveying illegally. Prior to joining the Board Jason was an investigator with the state of Ohio for over eight years and had five years of experience as a police officer. Jason possesses a broad background in conducting investigations and extensive knowledge of investigations and interviewing procedures. Jason also continues to devote his time away from the Board as a part-time police officer in Ohio. Jason earned his Bachelors of Science in Criminal Justice from the University of Toledo in 1998 and has been a member of the Ohio Investigators Association since 2002. He has completed several advanced courses in investigative techniques, interviewing, interrogation and regulatory enforcement through organizations such as John E. Reid & Associates, the Council on Enforcement and Regulation (CLEAR) and the Ohio Attorney General’s Office.
Thomas R. Schuck is a past national president of the Federal Bar Association. He is a partner in the law firm of Taft, Stettinius & Hollister in Cincinnati, Ohio, where he practices primarily in the area of commercial litigation. He is also an Approved FINRA Dispute Resolution Arbitrator. He is a graduate of DePauw University (B.A.), the University of Kent at Canterbury, U.K. (M.A.), and Harvard Law School (J.D.). He is "AV" rated in Martindale-Hubbell's Law Directory. Mr. Schuck is a long-time member of the Federal Bar Association and a former Barrister of the Potter Stewart American Inn of Court in Cincinnati. He is a life member of the Judicial Conference of the Sixth Circuit and has chaired its Life Members Committee and its Merit Selection Panel for a vacant bankruptcy judgeship. He is also a member of the Ohio State Bar Association. Mr. Schuck has been active in the Federal Bar Association since 1985. He has served as a member of the Executive Committee of the John W. Peck Cincinnati/Northern Kentucky Chapter for many years and served as Chapter President in 1995. He served as National President in 2004-05, as Vice President for the Sixth Circuit from 1996 to 1999, as Chair of the National Membership Committee for FY 1998 and FY 1999, and in numerous other national offices. In 1997, he coordinated the FBA Government Relations Committee's nationwide grassroots effort to promote the proposed COLA legislation for federal judges. He is a Charter Fellow of the Federal Bar Association Foundation and President of the Federal Bar Association Foundation of Cincinnati.