

Salina Seminar Series

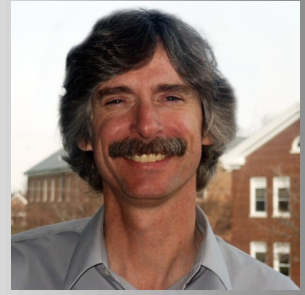
A vintage black and white photograph of a surveyor. The man is wearing a dark hat, a long-sleeved button-down shirt, and trousers with a belt. He is holding a small notebook in his hands and looking towards the camera. To his left is a surveying instrument, possibly a theodolite or transit, mounted on a tripod. The background is a mottled, studio-style backdrop.

January 12-14, 2012

Sponsored by
**The Salina Chapter of the
Kansas Society of Land Surveyors, Inc.**

**Webster Conference Center
2601 North Ohio
Salina, KS 67401**

Gary Kent, LS



Gary Kent is in his 28th year with the Schneider Corporation, a surveying, GIS and consulting engineering firm based in Indianapolis, Indiana, with offices in Charlotte, North Carolina, and Des Moines, Iowa. He is chair of the National Society of Professional Surveyors' committee on the ALTA/ACSM Standards and is liaison to NSPS for the American Land Title Association. Gary is a past president of both ACSM and the Indiana Society of Professional Land Surveyors. He taught Boundary Law, Legal Descriptions, Property Surveying and Land Survey Systems as an adjunct instructor for Purdue University in Indianapolis and West Lafayette from 1999 to 2006, and received *Excellence in Teaching* and *Outstanding Associate Faculty* awards for his efforts there. Gary is currently in his third term as Vice Chairman of the Indiana State Board of Registration for Land Surveyors. He also writes regular columns for the *American Surveyor* magazine and for the *ACSM Bulletin*.

Easements and Rights of Way

Friday Morning Session
8:00 a.m.—12:00 p.m.*

This program is designed to help surveyors deal with writing and interpreting easements and rights of way, a task they do virtually every day when performing boundary and Land Title Surveys, and when working for developers, utility companies, and governmental entities. It is important that surveyors are well-versed in what easements and rights of way are, how they differ from other similar instruments (e.g., licenses), how they are created, how they are terminated, and in the broad variety and nature of easements. This course will provide a good foundation for the many aspects of easements and rights of way, and is tailored to Kansas statutes and case law.

Preparing a Surveyor's Report

Friday Afternoon Session
1:30—5:30 p.m.*

Communicating with clients, title companies and attorneys about the results of a survey is an important, but typically overlooked part of completing a survey. This program will present the concept of a Surveyor's Report and discuss what information is relevant and desirable to include in such a report—and why. A number of laws, standards and articles dealing with Surveyor's Reports will be reviewed so the audience can benefit from the ideas of others. A sample survey will be used to generate an interactive dialogue with the audience on who will benefit from a Surveyors Report, what information it should and could include, and how it should be organized to best meet those objectives.

*CFM's will earn 3 CEC's for each session on Friday.

The National Flood Insurance Program (NFIP) Elevation Certificate Workshop

Thursday, January 12, 1:00—5:00 p.m.

Presented by: L. Scott Samuels, PE, Certified Floodplain Manager



This four hour workshop reviews in detail all aspects of the NFIP's Elevation Certificate from the professional, compliance and insurance point of views. The workshop begins with a brief background on the history of the NFIP and introducing the terms and documents used by the program. This is followed by an in-depth review of the seven sections of the Elevation Certificate and highlights the changes made in 2009, including discussion and examples of the 10 building diagrams provided in the instructions. Various building examples are then presented for participant discussions on the compliance issues associated with both sides of the NFIP, followed by discussion of four examples for completing the Elevation Certificate. Finally, links will be provided for obtaining more information about the NFIP. ([See Mr. Samuels' bio following the LOMA class description.](#))

Letter of Map Amendment (LOMA)

Saturday, January 14, 8:00 a.m.—12:00 p.m.

Presented by: L. Scott Samuels, PE, Certified Floodplain Manager



The Letter of Map Amendment Workshop is designed for local floodplain administrators, surveyors and engineers. This workshop provides insight into completing FEMA's MT-EZ and MT-1 forms and has been updated to include new forms and information. These forms are used for projects that involve removing structures (residential and commercial), lots and portions of lots from the mandatory flood insurance purchase requirements of the NFIP.

L. Scott Samuels, PE, currently manages Central Missouri Engineering Services, LLC (CMES) in Ashland, MO, which specializes in offering National Flood Insurance Program (NFIP) consulting services to local governments, lending institutions, private citizens, and engineering firms. CMES is very active with the preparation and submittal of Letter of Map Changes, the completion of the NFIP Elevation Certificates, and the presentation of five NFIP workshops in FEMA Region VII each year. Prior to starting CMES Scott worked for six years as the Floodplain Management Engineer for the Missouri State Emergency Management Agency. Scott has also worked for the City of Portland, ME, and for private engineering/surveying firms in both Maine and Ohio. Scott earned a Bachelor of Science degree in Civil Engineering from Colorado State University, Ft. Collins, CO, in 1988 and is a registered professional engineer in the States of Missouri, Maine, Ohio, and West Virginia. Scott is active in the Missouri Floodplain and Stormwater Managers Association having served as an area director, chair of the legislative committee, and currently acting as the Membership Secretary for the association.

Center of Sections

Thursday, January 12, 1:00—5:00 p.m., and repeating Friday, January 13, 8:00 a.m.—12:00 p.m.

Presented by: Steven S. Brosemer, PS

Think all center corners were intended to be at the intersection of lines from opposite quarter corners? Think again! This class will explore the varied history of establishing the center of sections, with special emphasis on closing and other fractional sections. The affect of the permanent survey statutes and the actions of County Surveyors will also be explored. And no discussion of center corners can be complete without a discussion of quarter corners, especially those that close on a standard parallel.

Steven S. Brosemer, PS, was licensed by examination in 1980 and is a graduate of Wichita State University in History and Secondary Education. He is the son of his mentor, the late James H. Brosemer, RLS #82. In the last twenty-eight years, Steven has been an owner or partner in his current business and has provided land surveying services of every possible type to both the private and public sectors. Professionally, Steve served as President of Kansas Society of Land Surveyors in 1988 and 1989. Currently, he is a member of the KSLs Foundation Board and a Land Surveyor Member of the Kansas State Board of Technical Professions. Within his community, Steven is the chair elect of the Emporia Area Chamber of Commerce and serves on the Board of Directors of the Lyon County Historical Society.

Traffic Control/Signage

Friday, January 13, 1:30—3:30 p.m.

Presented by: Thomas E. Mulinazzi, Ph.D., PE, PS

The Manual on Uniform Traffic Control Devices should be followed whenever you are working on or near a road. The temporary traffic control topics covered during this session are Traffic Control Devices, Basic Worker Safety, Protection for Surveyors, and Moving/Mobile Operations.

Thomas E. Mulinazzi, Ph.D., PE, PS, joined the Civil Engineering faculty at the University of Kansas in 1979. He has taught courses in Surveying, highway engineering, highway safety, traffic engineering, railroad engineering, and airport planning and design. He has been a member of the Kansas State Board of Technical Professions since 2000 and will complete his tenure in June of 2012. Tom graduated from the University of Notre Dame with a BS in Civil Engineer. His MS and Ph.D. degrees are from Purdue University.

Kansas Minimum Standards Review

Thursday, January 12, 1:00—3:00 p.m. and repeating Saturday, January 14, 8:00—10:00 a.m.

Presented by: Kenneth P. Johnson, LS, and Jason P. Johnson, LS

This course will review the May 24, 2010, Kansas Minimum Standards for Boundary Surveys and Mortgage Title Inspections Standards of Practice, looking at the differences between the 1998 and 2010 standards. Attendees will have the opportunity to ask questions and discuss the new 2010 standards and practices. *This course will provide two PDH's towards the education requirement of KSA 66-14-1.*

Kenneth Johnson, LS, President of Campbell & Johnson Engineers, PA, is a second-generation owner of a Surveying, Engineering and Architectural firm in north-central Kansas. Ken graduated from Ottawa University in 1977, joining the firm in 1978 as a human resource person and becoming a licensed Land Surveyor and co-owner of the firm in 1986. Ken has been a regular participant in the Salina Seminar Series since 1982 when the meetings were still held on the campus of Kansas Technical Institute. Ken is currently a member of the Salina Chapter of KSLS serving on the Salina Seminar Series Committee, and is the originator of the "Surveying Contest". Ken is also the chairman of KSLS's Historical Committee, and has been a director on the State Board of K.S.L.S.

Jason Johnson, LS, Campbell & Johnson Engineers, P.A., graduated with a degree in Surveying Technology and a Bachelor's degree in Land Information Technologies from Kansas State University in December 2000. While at KSU, Jason served as President of the Student Chapter of KSLS. Jason returned to Campbell & Johnson this Fall after 10 years of employment with Landmark Surveying & Mapping, Inc. He is currently a member of the Salina Chapter of KSLS and NSPS. Jason has served on the Salina Seminar Series Committee and has helped Mr. Ken Johnson with the Surveying Competitions since their inception.

GPS

Thursday, January 12, 1:00—5:00 p.m. and repeating Saturday, January 14, 8:00 a.m.—12:00 p.m.

Presented by: Steve Thompson, PE

It seems that no surveying topic has generated more news, controversy, and commentary this past year than the topic of GPS and the threats to it posed by LightSquared—and LightSquared's plans to implement a national wireless broadband network. This class will discuss those threats and update the current status of LightSquared's proposal. Mr. Thompson will also present the current status of GNSS (GPS + other sat systems), CORS GPS network, and the terrestrial Geodetic Control Network (brass caps in ground). He will also discuss the GPS/GIS role in digital orthophoto control, LIDAR, 911 and Homeland Security, as well as the potential impact of GRAV-D on elevations derived from GPS and the existing elevation network. In addition, there will be a discussion of GPS static and Real-Time-Kinematic surveys.

Steve Thompson, PE, is a GIS/GPS consultant working with local, state and federal governments and the private sector in Kansas regarding parcel and centerline mapping, utility mapping, GIS/GPS training for first responders, E-911, and Homeland Security. Steve is also an adjunct professor at both Butler Community College's Andover Campus, and Cloud County Community College's Concordia Campus, teaching GIS/GPS. Steve graduated in 1972 with a BS in Civil Engineering from Kansas State University and has been a licensed professional engineer in Kansas since 1976. Steve was a professor at KSU for 22 years, teaching Computer Science, Civil Engineering Technologies, and GIS/GPS Technologies, establishing the first GIS/GPS Associate Degree option in the nation at KSU-Salina, and heading the Civil Engineering Department for 3 years. During his tenure at KSU, Steve established the first GPS Base Station for the State of Kansas and worked closely with the National Geodetic Survey and the National Science Foundation. Steve has served as a member of the GIS Technical Advisory Committee for the State of Kansas since 1988 and is a member of the NGS Height Modernization Subcommittee for the State of Kansas, the Kansas Society of Land Surveyors, and the Kansas Association of Mappers.

Survey Law—Encroachments

Friday, January 13, 3:30—5:30 p.m. and repeating Saturday, January 14, 10:00 a.m.—12:00 p.m.

Presented by: Paul Maurin, ESQ, PLS

All surveyors have discovered encroachments during the course of a boundary or ALTA survey. This class will focus on discovery and resolution of encroachments. It will also discuss legal theories, practical solutions, and Kansas Court resolutions.

J. Paul Maurin, IV, ESQ, PLS, graduated from Benedictine College in 1998 and Washburn University School of Law in 2003. Paul is licensed to practice law in Kansas and Missouri, and he is also a licensed surveyor in Kansas and Missouri. For the past five years Paul has worked for Kansas City Power & Light Company as a Real Estate Specialist where he negotiates easements, prepares legal memorandums on condemnation, permitting, and numerous right of way issues. He also obtains permitting for substations and communication towers. Paul is currently a Board Member of the Kansas Society of Land Surveyors.

RLS Prep

Friday, January 13, 8:00 a.m.—12:00 p.m.

Presented by: Yolonda Lea Pears, LS

This session will cover how to research information needed to pass the LS exam, where to find certain information, and good study habits to adopt. Information on making application for the exam will be included. A Mock Exam will be provided for the attendees to take home. NOTE: This is not an actual exam.

Yolonda Lea Pears, LS, began her surveying career in 1992 as a drafter at a survey company. She became licensed in 2000, and worked at Griffiths & Associates until the owner of the company retired in 2007. Lea has been the editor of Section Lines, the KSLS quarterly news magazine, since 1995. She is currently the secretary/treasurer of KSLS.

Survey Administration

Thursday, January 12, 3:00—5:00 p.m.

Presented by: Rod Zinn, LS

Today's tough economic conundrum makes it more difficult than ever to be successful as a Survey Coordinator or a Survey Crew member. Mr. Zinn has been associated with Land Surveying for 26 years and during that time has put a lot of thought into how to be more effective on both the management and field sides of surveying. Although the day-to-day challenges still occur and do not always go as planned, you can put into effect a method and demeanor that will help the department function more efficiently and produce an improved atmosphere for the client, employer, and employees. This class will cover management and survey crew tasks which will help both entities become more productive in the office, as well as in the field. Most employees want to set themselves apart from others in the firm—or field of surveying—by excelling in the challenges they encounter on the job. This program will help line out to both the Survey Coordinators and the surveyors in the field the do's and don'ts of their positions. Many factors go into being a successful employee—this short program will bring to light what is necessary to be successful in your position. Topics of interest that will be covered include: management, technology, equipment, time keeping, profitability, communication with clients and with peers, understanding the needed accuracy of the survey (boundary, topo, construction, etc.), advancement, and education. ([See Mr. Zinn's bio following the Survey Math class description.](#))

Survey Math (Part I) - Updating Skills

Friday, January 13, 1:30—5:30 p.m.

Presented by: Rod Zinn, LS

Survey Math (Part II) - LS Exam

Saturday, January 14, 8:00—12:00 a.m.

Presented by: Rod Zinn, LS

This year's "Survey Math" course will be divided into two separate programs. Both will be very essential to those members who wish to update their math skills (Friday session) and those who wish to sit for the Land Survey Exam (Saturday session). With modern technology, many surveyors have become rusty in their computations, due to the fact that the software in their data collectors can perform the needed calculations. The focus of the classes this year will begin with introductory mathematics moving quickly into some minor Algebra, Geometry and both Right Angle and Oblique Trigonometry. All mathematics will be directly "Land Survey" related and will include "Tech Tips" and problem solving strategies towards taking the FLS/PLS exams and checking daily surveying calculations.

Rod Zinn, LS, has been affiliated with land surveying since 1985. His many years of experience entail field crew and party chief responsibilities, direct teaching and instruction and field coordination and management. Rod is a former instructor at Washburn Tech, formerly known as Kaw Area Technical School, where he developed the curriculum for the Surveying, Engineering and Mathematics programs over his 11 year tenure. In 2005 Rod left the field of education and soon after brought his skills to the coordination and management of multiple field crews for Landplan Engineering, P.A., located in Lawrence, Kansas. Rod holds an Associate of Design Technology degree from Johnson County Community College and a Bachelor of Science degree in Vocational Technical Education. He is a member of the Kansas Society of Land Surveyors, a current Surveying counselor for the Boy Scouts of America and the former president of the Kansas Industrial Education Association.

Schedule

Thursday, January 12, 2012

12:00 pm – 1:00 pm	Registration				
1:00 pm – 2:50 pm		Elevation Certificates Samuels	Center of Sections Brosemer	Minimum Stds Johnson	GPS Thompson
2:50 pm – 3:10 pm		Afternoon Break			
3:10 pm – 5:00 pm		Elevation Certificates Continued	Center of Sections Continued	Survey Admin. Zinn	GPS Thompson
6:30 pm – 10:00 pm		KSLS Board Dinner & Meeting			

Friday, January 13, 2012

7:30 am – 8:00 am	Registration and Continental Breakfast				
8:00 am–9:50 am	E X H I B I T S O P E N	Gary Kent Easements & ROW	RLS Prep Pears	Center of Sections Brosemer	
9:50 am – 10:10 am		Morning Break			
10:10 am – 12:00 pm		Gary Kent Continued	RLS Prep Continued	Center of Sections Continued	
12:00 pm – 1:30 pm		Lunch Break			
1:30 pm – 3:20 pm		Gary Kent Survey Reports	Math I Zinn	Traffic Control/Signing Mulinazzi	
3:20 pm – 3:40 pm		Afternoon Break			
3:40 pm – 5:30 pm		Gary Kent Continued	Math I Continued	Survey Law Maurin	

Saturday, January 14, 2012

7:30 am – 8:00 am	Registration & Continental Breakfast				
8:00 am – 9:50 am		LOMA Samuels	Math II Zinn	Minimum Stds. Johnson	GPS Thompson
9:50 am – 10:10 am		Morning Break			
10:10 am – 12:00 pm		LOMA Continued	Math II Continued	Survey Law Maurin	GPS Continued

\$1200 Cash Giveaway!!

Once again, The Salina Seminar Series will be giving away **\$1,200 in cash** and **two "Member" registrations**, valued at \$225 each, using a series of drawings. Your registration automatically qualifies you for the **main cash drawings**. On-line registrations will be eligible for a special drawing for a hand-held GPS unit (See Registration Form for details).

Drawings will be held following lunch on Friday. **You must be in attendance to win!**

KSLS Board Meeting & Dinner

The Salina Chapter will host a meeting of the KSLS Board of Directors, Thursday, January 12, at 7:00 p.m., at Webster Conference Center. This year the dinner, which begins at 6:30 p.m., will be open to all Seminar participants. Dinner is by reservation only and the cost will be \$12.00/person (no charge to current Board Members or Committee Chairs).

*****All KSLS members are invited to attend the Meeting.*****

Fine Print

CANCELLATION POLICY: If you cancel on or before 12/31/11, you will receive a full refund less a \$25 service charge. After 12/31/11, \$50 will be deducted and refunds will not be mailed until after the Seminar.

PDH Certificates must be picked up in person at the Seminar. They will be available at the end of your last scheduled session. **PDH Certificates will not be mailed.** Those registering at the door will pay a \$25 handling fee, which includes the cost of having a PDH certificate prepared and emailed after the seminar ends. PDH Certificates are prepared in advance of the Seminar, for the number of hours you register and pay for. After 1/10/12, any changes to the number of hours, or adding Minimum Standards notation, will require an additional \$10 fee, with the corrected PDH Certificate emailed following the Seminar.

Handouts

Handouts will be posted on the Seminar website prior to the beginning of the Seminar.

Registrants are responsible for downloading and printing handouts for their classes. If

you do not have internet access and wish to have the handouts printed, please contact the Conference Manager before December 19th. A fee

of **\$5 per class** will be charged for handouts.

KSOTP Auditing Procedures. KSOTP has established guidelines for what constitutes proof of attendance for audits of professional development hours. That proof includes your PDH Certificate. Please keep a copy of your registration confirmation, the Seminar Brochure, and your PDH Certificate with your log. Records must be retained for four years. **Salina Seminar Series and its staff are not responsible for maintaining records of your attendance and they do not keep copies of PDH certificates.**

Hotel Accommodations

A block of rooms has been set aside at the LaQuinta Inn, 201 E. Diamond Drive, Salina, KS, for \$66+tax/night king or double. The LaQuinta is located one-mile west of Webster Conference Center on I-70 exit 252. Please mention the Salina Seminar Series when making your reservations. Reservations must be made before 12/29/2011, to receive this rate. Call LaQuinta directly at 785-827-9000.

Webster Conference Center has "bunkhouse-style" rooms available for \$20/night/person. Each room has one queen bed and several bunk beds, as well as a private bath/two showers. You will need to bring your own linens or sleeping bags and towels. Several Motel Rooms with queen beds are also available for \$54/night/room. These rooms do not have televisions or telephones, but they do have wireless internet. No alcohol is allowed on the premises. Reservations required. Call Webster at 785-827-6565 or 877-WCC-RESV.

*****NOTE***** Full-time Science, Engineering and Survey Technology students will receive free bunkhouse lodging at Webster Conference Center. Contact the Conference Manager (not Webster) for more information.

Miscellaneous

Salina Seminar Series - 2012

Featuring:

Gary Kent, LS

Presenting:

**Easements and
Rights of Way
and
Survey Reports**

**January 12-14, 2012
Webster Conference Center**

Surveyors: Earn Up To 16 PDHs

New This Year:

Floodplain Managers: Earn Up To 14 CECs



Salina Seminar Series
1232 W. Highway K143
Salina, KS 67401

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REGISTER & PAY ONLINE FOR A CHANCE TO WIN: WWW.SALINASEMINARSERIES.COM

Print a ticket when prompted at the end of the registration process, then bring it with you and drop it in the box at the check-in table for a chance to win a hand-held GPS unit. Only on-line registrations are eligible.

Please Print Clearly

Name _____

Work No. _____ Cell No. _____ License No. _____ KSLs Member: Yes ___ No ___

Company Name _____ Email Address _____

Home Mailing Address _____

Company Mailing Address _____

Sessions: (Please mark the circle for the session you plan to attend in each time slot) (# shown is hours: PDH /CEC)

January 12th Thursday Afternoon

- ☐ 1:00 - 5:00 Elevation Certs/*Samuels* (4/4)
- ☐ 1:00 - 5:00 Center of Sections/*Brosemer* (4)
- ☐ 1:00 - 5:00 GPS/*Thompson* (4)
- ☐ 1:00 - 3:00 Minimum Standards/*Johnson* (2)
- ☐ 3:00 - 5:00 Survey Administration/*Zinn* (2)

January 13th Friday Afternoon

- ☐ 1:30 - 5:30 Surveyor Reports/*Kent* (4/3)
- ☐ 1:30 - 5:30 Math I/*Zinn* (4)
- ☐ 1:30 - 3:30 Traffic Control/*Mulinazzi* (2)
- ☐ 3:30 - 5:30 Survey Law/*Maurin* (2)

January 13th Friday Morning

- ☐ 8:00 - 12:00 Easements/*Kent* (4/3)
- ☐ 8:00 - 12:00 RLS Prep/*Pears* (4)
- ☐ 8:00 - 12:00 Center of Sections/*Brosemer* (4)

January 14th Saturday Morning

- ☐ 8:00 - 12:00 LOMA/*Samuels* (4/4)
- ☐ 8:00 - 12:00 Math II/*Zinn* (4)
- ☐ 8:00 - 12:00 GPS/*Thompson* (4)
- ☐ 8:00 - 10:00 Min. Standards/*Johnson* (4)
- ☐ 10:00 - 12:00 Survey Law/*Maurin* (2)

Conference Fees:

Early Bird Special:

Deduct \$50 below if payment postmarked on or before December 19.

Credit Hours	4	8	12	16
Members	___\$215	___\$235	___\$255	___\$275
Non-Members	___\$270	___\$295	___\$330	___\$355
Retired/Assoc.	___\$165	___\$175	___\$185	___\$200

CFM's attending all three days will pay the 16 hour rate.

Walk-in registrations on January 12-14, 2012, will be charged a \$25 special handling fee and PDH certificate will be emailed.

I will attend the Board Dinner Thursday \$12.00 _____

I would prefer vegetarian/diabetic/low sodium meals (circle type) _____

Please include Floodplain CECs on my certificate _____

Fees	\$
Board Dinner (\$12)	\$
Deduct Early Bird (\$50)	\$
Total Due	\$

Payment Methods:

Credit Card: Email form to: salinaseminarseries@yahoo.com

MC/VISA/DISC (Circle One) Card No. _____

Name _____ Exp. _____ CSC# (on back) _____

Check: Make checks payable to: **KSLs—Salina Chapter** and mail them to:

Salina Seminar Series c/o Evelyn Cable
1232 W. Highway K143, Salina, KS 67401

For Questions: Call 785-826-8958 or email salinaseminarseries@yahoo.com

****Registration Confirmations will be emailed to the address given****

Registration Form