

# **Southwest Chapter MSPS 6th Annual Workshop**

August 23, 2012

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**Christ's Community  
United Methodist Church**

2700 East 44th Street  
Joplin, Missouri 64804

# Program Content

7:30 a.m. Registration & Sign-In  
8:00 a.m. - 10:00 a.m. **Missouri Minimum Standards**

This session will take a unique look at the Missouri Minimum Standards for Land Surveying. Participants will calculate the amount of time they should spend to meet or exceed each aspect of the minimum standards for research, field work and drafting. This exercise will provide a valuable tool for cost estimation tailored to each surveyor's resources, equipment and experience. The dilemma of providing the client a fair price while charging enough to do the job correctly has always beleaguered surveyors. This course will help to quantify that predicament.

10:00 a.m. Break/Exhibitor's  
10:15 a.m.-12:00 p.m. **Where in the world is Missouri?**

Join Norman Brown as he leads us on an exploration of the creation of state of Missouri. This history lesson will include discussions on the GLO surveys along the common lines with Kansas, Oklahoma and Arkansas. Guaranteed to be both educational and entertaining!

12:00 p.m. - 1:00 p.m. Lunch (Provided)/Exhibitor's Social  
1:00 p.m.-3:00 p.m. **Riparian Boundaries for Missouri and Arkansas**

Where is the riparian boundary? How are boundaries influenced by river movements? What guidance is provided by state statutes and court decisions with respect to these boundaries? What are the resulting boundary location legal principles? How should these boundaries be platted and described? How have the courts defined such terms accretion, mean high water line, navigability, thread of stream, island? What would be appropriate "surveyor's notes" regarding them to be placed on a plat? What caveats might be needed? In this talk the answers to these questions (and more) are given for the states of Missouri and Arkansas.

3:00 p.m. - 3:15 p.m. Break/Exhibitor's  
3:15 p.m. - 5:00 p.m. **Riparian Boundaries - Continued**  
5:00 p.m. End of Workshop

## **Continuing Education:**

This course has applied for continuing education credits from the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Landscape Architects for 8 PDU's (professional development units).

**\*\*THE CONTINUING EDUCATION VERIFICATION SHEET PROVIDED AT THE SEMINAR WILL SERVE AS VERIFICATION OF YOUR CONTINUING EDUCATION HOURS.\*\***

## **Cancellation Policy:**

We reserve the right to cancel the program and return all fees in the event of insufficient registration. A participant may cancel a registration up to seven days before the course date and receive a full refund.

**\*\*\*\*NO REFUNDS PROVIDED AFTER AUGUST 1, 2012.\*\*\*\***

# **Speakers**

**Monnie Sears, LS**

**Allgeier, Martin & Associates, Inc.**

**Joplin, Missouri**

Monnie Sears was introduced to surveying while taking the drafting course at Northeast Kansas Area VoTech in Atchison, Kansas. In the mid-80's he began drafting for surveyors: Don Smith in Southwest City, L&L Surveys in Neosho and Green Country Surveyors in Grove. At Green Country Surveyors he began working in the field. Eventually the owner began encouraging Monnie to sit for the licensing exam. The firm had a sizeable library of unread surveying texts at Mr. Sears' disposal. So, in 1991 Mr. Sears sat for the Missouri exam in one of the last groups of applicants to be licensed under the long established practice rule. Since then, he has acquired licenses in Oklahoma, Arkansas and Kansas. Monnie is also a Certified Federal Surveyor and a Certified Floodplain Manager. He manages the Civil Survey Department at Allgeier, Martin and Associates in Joplin. He lives in Anderson with his wife of thirty years, has two grown daughters and two grandsons with another on the way.

**NORMAN L. BROWN, LS**

Norman Brown was born near Houston, Texas County, Missouri in Oct. 1935. The area was known for its old growth pine forest in early Missouri.

Norman graduated from Houston High School in 1953

He served in the US Air Force 1954-- 1958

Attended Missouri School of Mines 1958 -- 1962

Taught Surveying at MSM -- UMR 1962 -- 1970

Attended Purdue University Summers 1964 - 1965

Appointed County Surveyor Texas Co. 1970- 1971

Employed by Missouri Land Survey Program 1972 --2001

**Richard L. Elgin, PhD, PLS, PE**

**Archer-Elgin Surveying and Engineering, LLC**

**Rolla, Missouri**

A second-generation surveyor, Dr. Elgin was raised in his late father's surveying business in Rolla, Missouri. After serving as a 20-year old U.S. Army helicopter pilot in Vietnam, he received the degrees BSCE and MSCE from the Missouri University of Science and Technology, and his PhD from the University of Arkansas.

From 1984 until 2008, Dr. Elgin was the owner and president of Elgin Surveying & Engineering, Inc., Rolla and is currently employed by Archer-Elgin Surveying and Engineering, LLC. He also is a former member of the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Landscape Architects. He is a past president of MSPS and is a member of Missouri S&T's Academy of Civil Engineers. He is the coauthor of "The U.S. Public Land Survey System for Arkansas."

Dr. Elgin served as the expert surveyor for the State of Arkansas in the riparian boundary case, Arkansas v. Mississippi. The case, decided by the U.S. Supreme Court, concerned a 13-mile disputed state boundary along the Mississippi River. He has extensive experience conducting surveys of riparian boundaries and has written and lectured on the subject.

Now semi-retired, when Dick is not working on some project related to surveying, he can be found touring on his bicycle, driving his perfectly restored 1962 Morgan Plus Four, or exploring the U.S. with his wife and dog in their RV.

# Workshop Information

**Venue: Christ's Community United Methodist Church**

**\*\*\*\*\*For a map/directions go to [www.ccumc-joplin.org](http://www.ccumc-joplin.org) and click on the address listed under "Contact Us"\*\*\*\*\***

## **Registration:**

To register, complete the attached form and mail it with your check to:

Southwest Chapter of MSPS  
702 S. Main Street  
Joplin, MO 64804

For more information contact Steve Lewis at 417-781-0643 or Monnie Sears at 417-680-7200.

**All registrations include catered lunch and t-shirt!!**

<b>Registration Fees</b>	8 PDU's
Licensed Surveyor	\$100.00
Registered Engineer	\$100.00
Survey Technicians/Students	\$50.00
Other Professions	\$80.00

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## **Workshop Registration**

Detach and mail to:  
SW Chapter MSPS  
702 Main Street  
Joplin, MO 64804

Name: \_\_\_\_\_  
Firm: \_\_\_\_\_  
Address: \_\_\_\_\_  
Office Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
PLS State & Number \_\_\_\_\_

**T-Shirt Size\* (circle one)    S    M    L    XL    XXL**

**\*Size selection only available on registrations received prior to July 15, 2012.**

Make checks payable to: **Southwest Chapter MSPS**  
Sorry, No Credit Cards Accepted