

Volume 38

Winter 2006

UTAH Foresights

UCLS Annual Convention 2007
Dixie Center, St. George, Utah

Official Publication of the Utah Council of Land Surveyors



Transit Instruments, Inc.

F I E L D O U T F I T T E R S



Proud Distributors of:



⊕ SALES

⊕ SERVICE

⊕ RENTALS

⊕ TRADE-INS

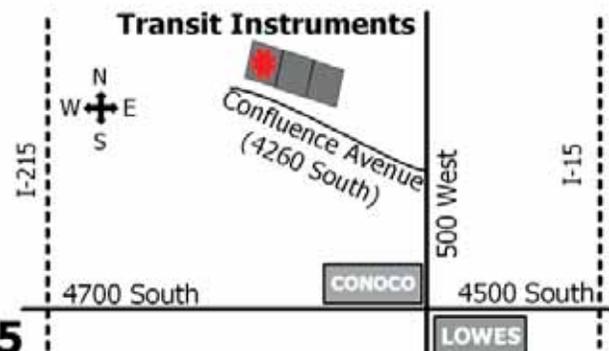
Quality wood, paint & other field supplies

Same day delivery available throughout the Wasatch Front area

Complete total station calibration center

Custom cables & power supplies

(801)262-0066 or (800)369-5665



612 West Confluence Ave. (4260 South) • Murray, UT 84123
www.transitinstruments.com ⊕ sales@transitinstruments.com

Chapter Officers

Book Cliffs
 Rodney Rowley - Vice Pres.
 Arnelton Davis - Sec/Treas.
 Color Country
 Curt Neilsen - Vice Pres.
 Roger Bundy - Sec/Treas.
 Golden Spike
 Chris Balling - Vice Pres.
 Steve Porter - Sec/Treas.
 Salt Lake
 Kirk Morgan - Vice Pres.
 Evan Wood - Sec/Treas.
 Timpanogos
 Scott Wilson - Vice Pres.
 Kevin Bishop - Sec/Treas.

Committees

Legislation
 Matt Clark - Chair
 Education
 Walt Cunningham - Chair
 Publication
 Dave Strong - Chair
 Standards and Ethics
 Bob Knox - Chair
 Public Relations
 Darryl Fenn - Chair
 Testing
 Von Hill - Chair
 Workshop and Convention
 Steve Keisel - Chair
 Historical
 Need Volunteer
 Membership
 Dennis Carlisle - Chair

Table of Contents

Message from the Chair-Elect	4
Chapter Report: Salt Lake City Chapter	4
UCLS 2007 Annual Conference	5
UCLS 2007 Conference Registration Form	8
UCLS 2007 Annual Conference Presenters	9
Secretary's Report	12
UCLS Elections	14
Surviving Field Technique Courses	16

Cover Picture taken By Mike Withers in Range Creek outside of Sunnyside, UT. T15S R15 E.

Utah FORESIGHTS is the official publication of the Utah Council of Land Surveyors. It is published quarterly, March, June, September, and December. The magazine is mailed to members and similar organizations on a complimentary basis. Material published is not copyrighted and may be reprinted without permission, as long as the articles are cited properly. Articles and columns appearing in this publication do not necessarily reflect the viewpoints of U.C.L.S. or the Utah FORESIGHTS publisher. They are published as a service to the U.C.L.S. members, and interested affiliates, and for the betterment of the surveying profession. No responsibility is assumed for errors, misquotes, or deletions as to its contents.

This newsletter is designed and published by:

Newsletters Ink
 473 West 4800 South
 Murray, UT 84123
 Toll Free (800) 639-0465
 erica@newslettersink.net

For information on advertising
 in the Utah Foresights
 publication, please contact:
Ron Munger
 (800)639-0465

State Executive Board

<p>State Chair David Balling (801) 295-7237 PO Box 805 Centerville, UT 84014 dballing@uofu.net</p>	<p>NSPS Governor Jim Pitkin (801) 713-3000 936 Bloomsbury Cove Murray, Utah 84123 jimp@cominioneng.net</p>	<p>Color Country - President Steve Woolsey (435) 867-4565 55 E. Cnyn Commercial Ave, Ste B Cedar City, UT 84720 stevew@insite-engineering.com</p>	<p>Salt Lake - President James Olschewski (801) 263-1752 3500 S Main, #206 Salt Lake City, UT 84115 james.olschewski@esieng.com</p>
<p>State Chair-Elect Lenard Jay Barney (801) 965-1777 4287 South 4850 West West Valley, UT 84120 lbarney@sisna.com</p>	<p>West Fed Representative Ron Whitehead (435) 634-5780 1801 North Wittwer Lane Santa Clara, UT 84765 ron@wasco.state.ut.us</p>	<p>Color Country - Chpt. Rep Ken Hamblin (801) 673-3075 59 N. 2120 East Circle St. George, UT 84790 khamblin@infowest.com</p>	<p>Salt Lake - Chpt. Rep Keith Hafen ((801) 263-1752 3500 S Main, #206 Salt Lake City, UT 84115 khafen@esieng.com</p>
<p>Past State Chair Matt Clark (801) 364-8033 166 N "J" Street Salt Lake City, UT 84103 mclark@co.tooele.ut.us</p>	<p>Book Cliffs - President Jerry Allred (801) 738-5352 PO Box 605 Duchesne, UT 84021 jdallred@ubtanet.com</p>	<p>Golden Spike - President Ben Johnston (435) 257-1156 40 S 100 W Tremonton, UT 84337 ben@johnstonengineeringpc.com</p>	<p>Timpanogos - President Leif Anderson (801) 226-0393 240 W Center, Ste 200 Orem, UT 84057 lea@jub.com</p>
<p>UCLS Office (801) 964-6192 P.O. Box 1032 SLC, UT 84110 ucls@ucls.org</p>	<p>Book Cliffs - Chpt. Rep. David Bronson (435) 587-3234 PO Box 416 Monticello, UT 84535 dabronson@sanjuancount.org</p>	<p>Golden Spike - Chpt. Rep. Mark Babbitt (801) 394-4515 5746 S 1475 E #200 Ogden, UT 84403 mark@gbenorth.com</p>	<p>Timpanogos - Chpt. Rep Dan Knowlden (801) 602-0086 970 E 587 N Springville, UT 84663 dknow45792@hotmail.com</p>

Message from the Chair-Elect

By Lenard Jay Barney, P.L.S.

Once again ballots will be sent to our members for the election of new officers for the year 2007. Each year our organization repeats this important event. Often some of us comment, "Why should we vote?" This could be said to be a two-part question. The why part is unanswerable. The "should we vote" part is definitely answerable. The correct answer is a resounding yes! You may ask why I say this. Well, the Utah Council of Land Surveyors is the only organization in our fine state that cares for the welfare of the Land Surveying Profession. We as land surveyors are uniquely qualified to perform specialized services to our clients and the public. Knowing this, we must and we are obligated to choose wisely those who will lead us into the future. Many of us have given of our time and material to protect the integrity of our profession. There is a valid need for all of the land surveyors to step forward, participate in and use their talents to guide our organization for the best good of all.

As we approach the time to cast our ballots, choose wisely those who are dedicated to preserving the integrity of and the fiscal solvency of our profession. We are all very busy with work and family. Only a few will be elected to serve. Let's be absolutely certain that those elected will carry the torch and work selflessly to serve each of the surveyors in our organization, fellow surveyors that are not yet members of UCLS and most importantly the residents of our great state.

With dedicated leaders at the helm the door to serve and work within UCLS will be opened. The committees of the UCLS are in desperate need of members. It is my hope that with the coming year we will be successful in facilitating full committees to conduct essential business and carry out assignments given by the Executive Board. Only by working together can we accomplish our goals, realize the prosperity we desire and receive the respect we so much need.

With a new executive board being elected for 2007, I would invite all of us to think about adopting a mission statement for the Utah Council of Land Surveyors. Feel free to write it down and submit it to the board for consideration. It may be that the adopted mission statement will be a compilation of many submitted suggestions.

Now, to those of us who are older in the profession, let us be absolutely certain that the examples of leadership, integrity and due diligence are passed on to those who follow in our footsteps. We are now, today laying the foundation for the future. The younger generation will build on what we leave as we depart the profession. Work to instill within each of them the desire and willingness to uphold the By-Laws of the Utah Council of Land Surveyors. Encourage them to serve in the varied positions that are within the organization of the Utah Council of Land Surveyors. We have an immense amount of knowledge and experience to offer to each other. To share and realize its worth depends on how we utilize our opportunity to choose and support the elected leaders of the Utah Council of Land Surveyors.

Chapter Reports

Salt Lake Chapter

When the new officers of the Salt Lake Chapter of the UCLS took charge back in February of this year, it was with the desire to educate and promote surveyors in our Chapter. We started off the year with a bold agenda to hold meetings monthly to go over a range of topics currently affecting our profession. We didn't quite meet that schedule, but we did manage to have very educational meetings. As you will recall, we started the year with a report from our Legislative Committee and our Lobbyist. We then had an informative presentation about Liability Insurance from Jeff Hirst and the new ALTA Standards from Marty Shearer. John Stahl presented some current court cases and how as Surveyors we need to be diligent in the work we provide all our clients. We were very fortunate to have Von Butler come a give an update on the SL County Surveyors office and what he has been able to do in office for us. We have enjoyed serving as your Chapter Officers and look forward to what the future brings for our profession.

UCLS 2007 Annual Conference

“Taking Care of Business”

Wednesday, (2/21)

3:00 PM - 5:00 PM Vendor Set-up
 4:00 PM - 8:00 PM ? Bowling ?

Thursday (2/22)

7:00 AM - 7:45 AM Registration and Continental Breakfast
 8:00 AM UCLS Business Meeting
 9:30 AM Break and Visit Exhibit
 10:00 AM ALTA/ACSM Land Title Surveys
 By Gary Kent & Richard Bales

The Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys were revised in the fall of 2005 and the new standards became effective on January 1, 2006. This session will help surveyors more fully understand the use and context of ALTA/ACSM Land Title Surveys.

The seminar will emphasize the new revisions to the standards while also addressing uncertainties in boundary surveys, certification issues, dealing with lenders, the optional items of Table A and the new Relative Positional Accuracy measurement standard.

Since the standards are a joint document of the ALTA and NSPS, this session also will provide for a clear understanding of the related title insurance issues - including a discussion on survey coverage under the new ALTA 2006 title policy - as appropriate and necessary.

Aside from the technical aspects and the changes in the 2005 standards, time is also spent discussing contracts, reports and other technical issues that the audience may bring up. Questions are encouraged and there is ample time for questions and answers. Specific performance objectives include improving participants' knowledge base such that after attending this workshop, they are able to:

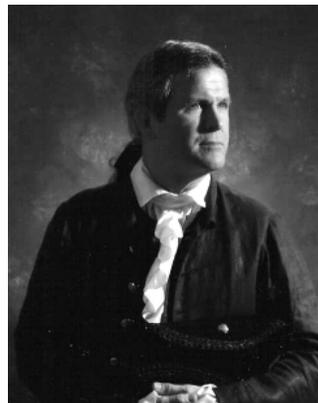
- Explain the use, purpose and application of ALTA/ACSM Land Title Survey
- Identify the reasons a client might request these optional Table A items and describe how to address each item
- Identify and explain the sources of uncertainty in a boundary survey
- Explain why certain certification wording is unac-

ceptable and formulate an acceptable certification from a lender's certificate

- Calculate the random errors in a simple set of measurements and evaluate the impact of those errors
- Explain and outline what should be included in a Surveyor's Report

Who Should Attend: Survey Crew Chief -Survey Crew Member - Project Manager - Title Attorney - Business Owner - Developer

1:00 PM Served Lunch and Professional Image
 1:30 PM ALTA/ACSM Land Title Surveys -2005 Update
 3:00 PM Break and Visit Exhibitors
 3:30 PM ALTA/ACSM Land Title Surveys -2005 Update
 5:00 PM Break & Visit Exhibitors
 6:00 PM Recognition Banquet



Thomas Jefferson -
 Why come to this Presentation?

Because you will:
Learn the life of this authentic American Hero!
Benefit from his wisdom!
Profit from his experience!
Be inspired by his example!
Be entertained in the process!

Friday (2/23)

7:00 AM Registration & Exhibits Open Breakfast -
 Installation of Officers
 9:30 AM Break & Visit Exhibitors
 10:00 AM Are you at Risk for Personnel Liability?
 Speaker Craig Bott, Esq.

Nationwide, Employers Loss 60% of personnel lawsuits - and the average jury verdict in those cases are in excess of \$160,000.

continued on page 6

• UCLS 2007 Annual Conference Information

continued from page 5

The number of lawsuits arising out to terminations, lay-offs, promotions, demotions, reductions in force (RIF), harassment and alleged discrimination have increased dramatically in the last 20 years and the trend continues unabated. In order to avoid this kind of personnel liability, it is necessary that supervisors be trained in recognizing and avoiding the types of supervisory conduct that result in civil liability. This session will explore Federal and State requirements which create a significant danger of civil liability

Who Should Attend: Supervisor - Project Manager - Attorney - Business Owner - Human Resource Personnel

OR Flood Plane Certificates:
FEMA Elevation Standards
J. Watanabe

Who Should Attend: Survey Crew Chief - Project Manager - Engineer

OR Construction Staking Field Techniques
Walt Cunningham & Russ Flint

It seems that the construction world is becoming more and more about who is liable and less about how to work together. The UCLS and the PAC committees have become aware of this situation and feel that there are some ways of protecting the surveying profession in the construction surveying field. In this presentation we will be talking about modern construction surveying issues and working on creating a model standard for construction surveying that will help the surveyor protect himself. A specific topic that we will discuss is a construction stake writing standard that will be applied across the board to help with many instances of confusing communication between the survey and the contractor.

Who Should Attend: Survey Crew Chief - Survey Crew Member - Project Manager - Engineer - Contractor - Developer

12:00 Noon Lunch
Speaker: Patrick Lee
Live Scholarship Auction
1:30 PM What Records am I Legally
Responsible to keep?
Rosemary Cundiff

This session will focus on the main aspects of a surveyor's record keeping responsibilities as outlined in the Government Records Access and Management Act (GRAMA) which is Utah's comprehensive records law. Focus will be on records management responsibilities including inventorying, scheduling, and destroying records. This course will also cover the basic records classifications outlined in Utah law. The course will address these questions:

- Utah law requires that government records must be maintained according to an approved retention schedule. What are approved retention for surveyors' records?
- All records are either destroyed or maintained permanently. What is the final disposition for various surveyors' records and how should they be destroyed or preserved?
- How does electronic record keeping affect the requirements of the law?
- Utah law outlines various records classifications. How are records classified and who is responsible for classifying them?

Who Should Attend: Surveyor - Project Manager - Business Owner - Engineer - GIS Personnel

OR Who owns the Data Anyway?
James B. Bleshe

The focus of this class will be data ownership including aspects of intellectual property litigation, trade secrets, copyright, trademark, and patent cases. In addition to intellectual property matters, the course will also discuss negotiation and preparation of licensing or other agreements related to the data.

Who Should Attend: Project Manager - Attorney - Business Owner - Surveyor - GIS Personnel

OR Workplace Safety William W. Adams, Jr.

This course will provide an overview of the Utah OSHA Program and address safety issues that surveyors should be concerned about. Additionally instructions will be given on how to avoid costly and time consuming medical and workman's comp litigation.

continued on page 9

Help Wanted?



Use this crew on your next job to finish on time with better accuracy and half the man power than you are currently using.
Call us today and ask how!



MONSEN ENGINEERING

www.monsenengineering.com

800-821-0672



2007 UCLS Convention Registration

Taking Care of Business

February 22-23, 2007

Mail registration form to:
UCLS, P.O. Box 1032, Salt Lake City, UT 84110

For more information; www.ucls.org
Fax/Phone; (801) 964-6192

Please type or print and fill out completely

Name: _____

Firm: _____

Mailing Address: _____

City: _____ State/Zip: _____

Phone: () _____ Fax: () _____

License Number: _____ E-Mail: _____

Mens Shirt Size: Med ___ LG ___ XL ___ XXL ___ XXXL ___ Guest's Name: (if attending) _____

Included with registration fees:

- All sessions
- Up to 12 PDHs
- Handouts & complimentary items
- All breaks with exhibitors
- Lunches & Cont. Breakfasts
- Opportunity to socialize with peers
- Installation banquet and entertainment

UCLS/NSPS Member Convention Registration Fees

Member Registration Full Conference \$375.00 \$ _____

Thursday only \$250.00 \$ _____

Friday only \$250.00 \$ _____

Non Member Convention Registration Fees

Non-member registrations Full conference \$525.00 \$ _____

Thursday only \$325.00 \$ _____

Friday only \$325.00 \$ _____

Student Registration Full Conference (must provide proof to qualify) \$125.00 \$ _____

Thursday only \$100.00 \$ _____

Friday only \$100.00 \$ _____

Optional Activities

Extra Banquet Ticket (includes entertainment/cost per person) \$30.00 \$ _____

Sub Total \$ _____

Surcharge for Late Registration (after January 31, 2007) \$25.00 \$ _____

Grand Total \$ _____

Friday Breakout Sessions (Please mark one for each time slot)

- | | | | | | | |
|----------|--------------------------|--|--------------------------|------------------------------|--------------------------|----------------------------------|
| 11:00 AM | <input type="checkbox"/> | Are you at Risk for Personnel Liability | <input type="checkbox"/> | Floodplane Certificates | <input type="checkbox"/> | Construction Staking Field Tech. |
| 2:00 PM | <input type="checkbox"/> | What Records am I legally Responsible to Keep? | <input type="checkbox"/> | Who owns the data anyway? | <input type="checkbox"/> | Workplace Safety |
| 4:00 PM | <input type="checkbox"/> | Utah Survey History | <input type="checkbox"/> | What's happening in Geodesy? | <input type="checkbox"/> | AGRC Projects |

Check here if you require special service (please describe your needs in writing on a separate sheet of paper and enclose it with your registration)

I am a Member of UCLS (Utah)

I am a member of NSPS (National Society of Professional Surveyors)

Registration Deadline: January 31, 2007

Onsite registrants will not be guaranteed conference handouts

Payment Information

Check Enclosed Mastercard Visa

Card Number _____

Expiration Date _____

Signature _____

• UCLS 2007 Annual Conference Information

continued from page 6

Who Should Attend: Supervisor - Survey Crew Member - Project Manager - Attorney - Business Owner - Human Resource Personnel

3:00 PM Break Visit Exhibitors
3:30 PM Utah Survey History - Steve Keisel

The surveyor was instrumental in the colonization of Utah. This presentation will explore the history of the early surveyors and their impact upon the state.

Who Should Attend: Survey Crew Chief - Survey Crew Member - Title Attorney - GIS Personnel

OR What's Happening in Geodesy - William Stone

This presentation will provide an update on the status of a variety of geodetic activities and developments at the National Geodetic Survey. Topics will include: the just-completed (Feb., 2007) readjustment of NAD83, the Continuously Operating Reference Station (CORS) network and related Online Positioning User Service (OPUS) utility, the Height Modernization Program, and geodetic data and software availability.

Who Should Attend: Surveyor - Project Manager - Engineer - GIS Personnel

OR AGRC Projects Sean Fernandez

Who Should Attend: Surveyor - Project Manager - Engineer - GIS Personnel - Business Owner

Silent Auction - (All Proceeds will be donated to the UCLS Scholarship Fund) The silent auction will begin Thursday, Feb 22, 2007 and continue until 3:30 PM on Friday Feb 23, 2007. If you would like to donate an item, please call UCLS at (801) 964-6192.

Hotel Accommodations - UCLS has reserved a block of rooms at the Hilton Garden Inn next to the Dixie Center. Rooms are available at a rate of \$99.00 per night. Reservations must be made before January 21, 2007 to qualify for this rate. To make reservations call (435) 634-4100.

UCLS 2007 Annual Conference - Presenters

Gary Kent is Integrated Services Director for The Schneider Corporation, a land surveying, GIS and consulting firm based in Indianapolis, with offices in North Carolina, Tennessee and Iowa. He is past President of the American Congress on Surveying and Mapping and the Indiana Society of Professional Land Surveyors, and is chair of the NSPS and ALTA committees with responsibility for the ALTA/ACSM standards. Gary sits on the Indiana State Board of Registration for Land Surveyors and is currently vice-chairman. He is a certified instructor for the International Right of Way Association and also teaches part-time at Purdue University where he has received two AExcellence in Teaching@ awards. Gary is a regular speaker across the country and he writes columns for AThe American Surveyor@ (AReconnaissance@) and for the ACSM Bulletin.

Richard F. Bales is employed by Chicago Title Insurance Company as Assistant Regional Counsel and Assistant Vice President in its Wheaton office. He graduated from Illinois College in Jacksonville in 1973. He received his juris doctorate degree from Northern Illinois University in 1983 and is admitted to practice law in Illinois.

As a member of the Education Committee of the Illinois Land Title Association, he has lectured throughout the state on all aspects of title insurance. He has also written numerous articles for the Chicago Bar Association, the DuPage County Bar Association, and the Illinois State Bar Association. His book, A Guide to Residential and Commercial Surveys in Illinois, has

continued on page 10

• UCLS 2007 Annual Conference Presenters

continued from page 9

been published by the Illinois Institute for Continuing Legal Education.

Bales is a member of an American Land Title Association and American Congress on Surveying and Mapping liaison committee, and he helped draft the 2006 ALTA/ACSM land title survey standards. Bales is also the author of *The Great Chicago Fire and the Myth of Mrs. O' Leary's Cow*, a book wherein he claims to have solved the mystery of who started the Great Chicago Fire.

J. Craig Bott, Esq., Loss Control Consultant with the State of Utah, Division of Risk Management, received his law degree from the University of Utah where he was a William H. Leary Scholar. Mr. Bott is a nationally noted speaker and provides training and practical advice to over 450 State and Local governmental entities and has had numerous articles on civil rights and loss control issues published in various publications. In addition to developing, overseeing and providing training to elected and appointed governmental officials, employees and volunteers on avoiding and managing constitutional and legal liability he provides officials with assistance in understanding and applying statutory and constitutional requirements associated with government service. Mr. Bott is also actively involved in assisting governmental entities in the development of municipal ordinances, training materials and policies and procedures and assisting governmental entities in personnel and citizen-related conflict resolution.

Mr. Bott also provides legal defense for governmental entities and officials in State and Federal Court. Prior to obtaining his law degree, Mr. Bott was an administrative law judge, was extensively involved in the development of personnel policies and procedures for the Utah State Department of Corrections and was a Faculty Member and Instructor for an Administrative Law Seminar sponsored by the National Judicial College, Reno, Nevada.

Walt Cunningham's surveying career started during 1966 while helping a local land surveyor find property corner monuments in preparation for a construction project on Alaska's Kenai Peninsula. He has since performed private and public sector work on a wide variety of construction and boundary projects, including the Trans-Alaska Oil Pipeline, Kuparuk and Prudhoe Bay Oil Fields, Terror Lake Hydroelectric Dam, Gray Cliffs Subdivision, Central Utah Project, I-80 Construction Project, I-15 Reconstruction, Bureau of Land Management's Utah Geographic Coordinate Data

Base, and others. He earned a BS Degree in Mapping from Brigham Young University in 1988, followed by a Utah PLS licensed in 1991. While operating his full-time surveying business, Salt Lake Community College hired Walt during 1994 as a part-time surveying faculty member. In 2005 Walt was offered a full-time position at SLCC, where he currently serves as a surveying and drafting instructor, and as the coordinator of the Surveying Technology Program. Walt first became acquainted with Utah Council of Land Surveyors while he was at BYU and has since been an avid supporter of the UCLS by serving at the Chapter and State levels in various positions and assignments. He is the current chair of the UCLS Education Committee.

Russell D. Flint began his surveying career in 1994 by going to work for his family's surveying business, and has thoroughly enjoyed working in the profession for the past thirteen years. He has worked up through the ranks, experiencing the opportunities a family surveying business has to offer, and is the current Survey Operations Manager for Flint Land Surveying. Russ has been licensed as a PLS in Utah since 2004, and has become licensed in Idaho and Nevada as well. He also completed a Surveying Technology AAS degree at Salt Lake Community College in 2003. He presently serves on the UCLS Education Committee, and the Program Advisory Committee for the surveying technology department at SLCC. Russ has taught at SLCC in the surveying program since 2003, teaching the two Surveying Field Techniques courses. Russ also developed the successful advanced surveying field techniques course, Surveying Field Techniques II, which emphasizes construction surveying procedures.

Rosemary Cundiff - As a local government record analyst for Utah State Archives, Rosemary Cundiff works as a liaison between local governments and archives. In this capacity she assists and advises county, municipal, and school district employees in records management issues as they are outlined and defined in the Government Records Access and Management Act (GRAMA). Rosemary has been with archives for six years and has been working with local governments for two years. Rosemary has a master's degree in American History from the University of Delaware.

continued on page 11

• UCLS 2007 Annual Conference Presenters

continued from page 10

James B. Belshe's practice focuses on all aspects of intellectual property litigation including trade secret, copyright, trademark, and patent cases. In addition to intellectual property matters, Mr. Belshe has experience in commercial and construction litigation matters. Mr. Belshe also engages in the negotiation and preparation of licensing or other agreements related to intellectual property.

Mr. Belshe has successfully represented the firm's clients in various state and federal courts and before international mediation panels. In addition he has coordinated intellectual property enforcement efforts including the negotiating of licensing agreements in North America, Europe, and Asia.

Mr. Belshe is highly involved in trade organizations representing the interests of engineers. He currently sits on the Board of Directors for the Utah Society of Professional Engineers (USPE), chaired state committees, and served as a national officer in the National Society of Professional Engineers. He is a representative member of the Utah Engineering Council (UEC) and was the 2004 editor of the UEC Journal.

Mr. Belshe is actively involved in various intellectual property law associations and is a barrister in the Aldon J. Anderson Inn of Court. While in law school, he served as President of the University of Kansas Intellectual Property Law Society.

William W. Adams, Jr. is the current OOSH technical Advisor with responsibility for the training program for all new hires, staff compliance, preparation of new final rules for presentation at the Labor Commission open meetings and review of federal program changes for application to the state program

Mr. Adams was the OOSH compliance officer in general industry, construction and oil and Gas (1991 - 1995), System Safety Engineer for Teledyne Ryan Aeronautical (1990-1991), and director of safety for the 6545th test group (1979-1989) where he managed the safety program for a 1000-personnel unit at Hill Air Force Base. Mr. Adams received a masters of science degree in safety management from Central Missouri State University (1979). Additionally, he retired from the USAF in 1989.

Steven V. Keisel is the office administrator of the Salt Lake County Surveyor wherein he oversees the daily activities of the office. Additionally, Mr. Keisel is actively engaged in the Utah Council of Land Surveyors. He has served the council as a Chapter Representative, Chapter President,

State Chair, 2007 conference committee chair, and as a member on the UCLS standards & ethics, legislative, and education committees.

Mr. Keisel is also an adjunct professor at the Salt Lake Community College, where he teaches survey special topics, introduction to surveying, and writing legal description classes.

William Stone is the National Geodetic Survey's State Geodetic Advisor in New Mexico, a position he has held since 1989. In this position, he assists the geospatial community throughout New Mexico and the region with proper use of the National Spatial Reference System and related technologies, notably GPS.

Bill has a B.A. in Physics from Bowdoin College and an M.S. in Oceanography from Scripps Institution of Oceanography. He serves as the GPS Committee chairman of the New Mexico Geographic Information Council.

Patrick Lee is a professional speaker, actor and writer. Since 1990, he has inspired, entertained and educated audiences with his authentic, first person presentations as Thomas Jefferson, Daniel Boone, and William Clark, of Lewis and Clark fame. He also appears as himself, with a program of motivational humor, patriotism and inspiration. As a writer, he has completed a series of 21 articles about the Lewis and Clark Expedition. Those articles are being published quarterly by the Missouri Society of Professional Surveyors and reprinted by a sister society in Wisconsin.

Those articles have been expanded and incorporated into a book, *Mosquitoes, Gnats & Prickly Pear Cactus: The Lewis & Clark Review*. Academically, Lee holds a Bachelor of Science degree in History Education from the University of Missouri, earned way too many years ago. Home is a farmhouse on 30 acres in central Missouri, shared with his wife of 33 years, two of their four daughters, two foster sons, a strictly outdoor cat named Tipper, and a deaf, mostly Labrador named Bingo (or Bing or Ding or Dingo or Dingo Dog. Take your pick or supply one of your own. Since she's deaf, she answers equally well to all names.) Patrick's business name is Jefferson, Boone, Clark and Lee. His web site is www.patricklee.com. He can be reached at 573-657-2739.

NSPS Report

By: James D. Pitkin, PLS.

The fall meeting of the NSPS was held in Washington D.C. just across the Potomac River from the White House and within walking distance of the Iwo Jima Memorial and the Arlington National Cemetery. We held our meetings and stayed at the Hyatt Hotel. It was a good venue and the BOG meetings were informative and productive.

This could be my last meeting as the NSPS Representative to the NSPS depending upon the outcome of this years balloting. I've enjoyed my service to the UCLS in this capacity and hope more members of the UCLS are thinking about becoming members of the NSPS and participating in the UCLS committees, events and volunteering as officers.

As usual there's a great deal of information that I brought back from my meetings. Almost too much to cover with any detail in this writing. I did, however, bring back several reports, minutes of meetings, program pamphlets, etc., all of which I've provided to Pauline. Contact the UCLS Office if any of the following sounds like something you would like to know more about:

- Minutes from the Western States Governors Council Meeting.
- NSPS Insurance Program (Business, Car, Home, E & O, Long Term Care).
- Minutes from the NSPS BOG Meeting.
- Listing of Survey/Geomatics Education Programs in the U.S.
- NSPS right of Entry Committee Report
- NSPS Geocaching Program

Better yet, jump on the NSPS web site and view this information and other great information.

The new Geocaching program promoted by the NSPS sounds like a lot of fun and can be a great way to promote the profession and encourage sponsor participation. I hope you or someone you know would be interested in becoming the coordinator for this program. The applications and benefits are endless.

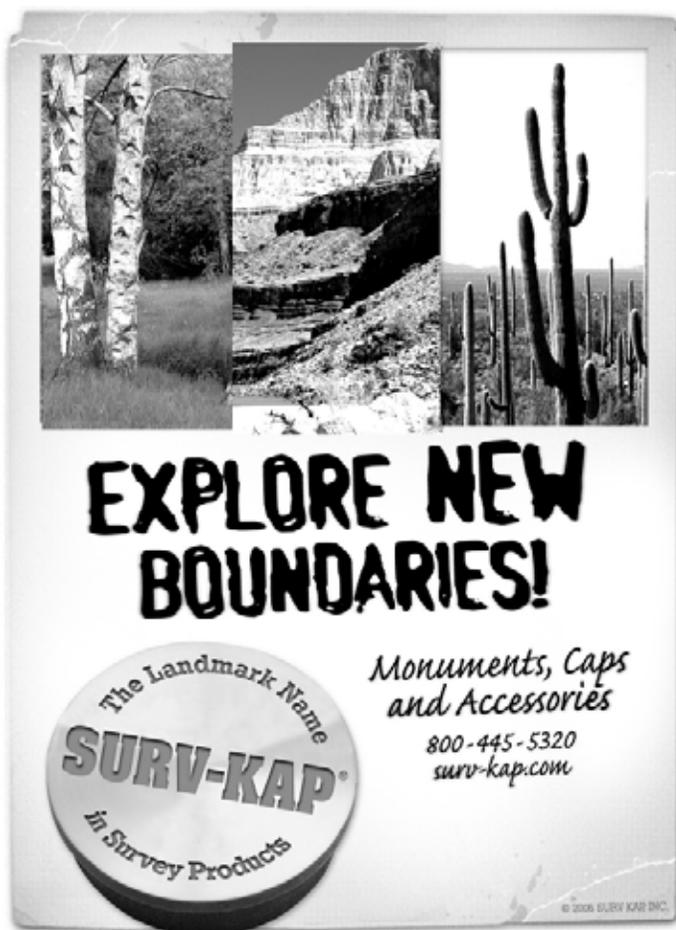
There was a great deal of discussion about NAFTA again and approval of the MRD was rescinded by the NSPS.

The fall meetings of the NSPS are held in the Virginia area while the spring meetings are held at various locations in conjunction with conventions/conferences put on by the ACSM, member organizations and various state affiliates. The next spring meeting locations are slated to be in St. Louis for 2007 and Seattle in 2008. There's talk about a joint ACSM and UCLS conference in 2009.

It's really great the UCLS (Utah) is now participating in the TrigStar program. Please consider helping us to expand the program and number of participants across the state. Sample questions are on the NSPS web site and the NSPS needs your help writing questions for future tests. The CST program is also being pushed to expand participation. This is something Utah has yet to start, but would be a great program to offer. Please consider helping us get started. Call the UCLS Office for more information.

The NSPS Safety video wasn't ready to distribute at this meeting, as planned. It should be available very soon. Maybe at the spring meeting in St. Louis. The NSPS is requesting donations from the UCLS and it's members to help cover the costs to complete and distribute this video that will be provided at no cost to member organizations and members of the NSPS.

I hope everyone stays productive and safe until I see you at the convention in February. Jump in and volunteer to serve as an officer or member of a committee. Call the UCLS Office for information on opportunities. You don't want to pass up the opportunity to get the best position in the state. Get on the ballot for the NSPS Representative. It only comes around every four years. The opportunities to affect your profession locally and nationally are endless.



EXPLORE NEW BOUNDARIES!

Monuments, Caps and Accessories

800-445-5320
surv-kap.com

The Landmark Name
SURV-KAP
in Survey Products

© 2006 SURV KAP INC.

Choose Your Weapon



*To knock out your next job,
choose one of the many
Trimble products that fits
your needs!*

GPS • Scanners • Robots



MONSEN ENGINEERING
www.monsenengineering.com
800-821-0672



UCLS Elections

Note from the office:

The Utah Foresights is publishing this information about the nominees for the offices of UCLS Chair- Elect, National Society of Professional Surveyors (NSPS) Rep and the Western Federation of Professional Land Surveyors (West-Fed) Rep. It is hoped that by publishing this information the members will have a better idea of who they want to represent them on the Executive Board.

CHAIR ELECT:



KEN HAMBLIN

Chapter Affiliation:
Color Country
Years in Surveying: 34 Years
Years in UCLS Association:
15 Years

Accomplishments & Current Survey Activity:

- Started my Land Surveying career in 1972, with aerial Mapping Co. Phoenix Arizona.
- Robert Jack Smith & Associates In Rawlins Wyoming.
- Bush & Gudgell in St George Utah
- Started Ken Hamblin Land Surveying in 1985.
- Currently the Director of Land Surveying For the Ward Engineering Group.
- I have been Involved with The UCLS Color Country Chapter since the early 1990's.
- I have been the Color Country Chapter President 5 times and Chapter Rep 4 times.
- Chairman or Co- Chairman of the UCLS Convention 3 times.

I would like to serve as Chairman because I feel that each and Every one of us should try to make the UCLS the best it can be and do so by serving the interests of the Land Surveying Community. Then Turn it over to a new and up and coming group of members (in other words RETIRE)



JAMES OLSCHESKI

Chapter Affiliation:
Salt Lake Chapter
Years in Surveying:
Year in UCLS Association:
7 Years

Accomplishments and current Survey Activity:

I have been actively engaged in the Surveying/Engineering community since 1985 when I began my career as both a draftsman and a designer for several local engineering firms. I have worked closely with the surveying profession during this time gaining both experience and knowledge which has helped me grow in the surveying profession.

During this time, I have also been involved with several non-profit organizations which promote the education of its members. I have served as the post-secondary president of the Vocational Industrial Clubs of America (VICA) for the academic years of 1987 - 1989. In this capacity we were able to create and promote several new and existing technology programs at most of the universities and junior colleges in the State of Utah. I was able to work directly with administrators and local professionals to help these and other programs train today's workforce.

In 1990, I helped organize the VICA Alumni Association for the State of Utah and was the President for two years and still a current member. As an Alumnus, I was able to help students move from high school to college and into industry with new levels of confidence in themselves and their chosen profession.

I became an active member of the UCLS in 1999 when I joined as a student member. I was one of the first recipients of the UCLS Scholarship. This allowed me to actively attend both the Standards and Ethics and Education Committees were I served as their secretary taking minutes as a non-voting member. I served as the Education Committee Secretary through 2005. I graduated with a surveying degree in 2002 from Salt

continued on page 15

• UCLS Elections

continued from page 14

Lake Community College and became a Licensed Surveyor in 2005. I am still acting as the secretary for the Standards and Ethics Committee and its liaison to the UCLS State Board but now as a voting member. I am also the current Salt Lake Chapter President.

I have been employed at ESI since 1999 where I have had the privilege of being groomed and tutored by three highly qualified surveyors; Keith Hafen, Kirk Morgan and Robin Beasley. Under their instruction I have been able to expand my knowledge and professionalism. During this time, I have watched our profession take on many new challenges. Many of these still need to be addressed and I feel that I bring both a fresh approach as well as a unique background to help in these new exciting times.



MARTIN W SHEARER

Chapter Affiliation: Salt Lake
Years in Surveying: 35
Years in UCLS Association: 6

Accomplishments & current survey activity:

- Currently the President and founder of a small Land Surveying firm, located in Utah and California
- Past CEO/CFO and co-founder of a 25 man firm conducting Engineering, Land Surveying, Land Planning and Market Research, located in Nevada
- Past President CEO and founder of a 20 man firm conducting Engineering and Land Surveying, located in California.
- Past Vice President of a 500 man firm conducting Full Service Engineering and Land Planning as well as President DF@O of their subsidiary company conducting Land Surveying, located in California.
- Past Survey Department Manager of several Engineering companies, located in Utah

SPECIALIZING IN:

- ALTA/ACSM Land Title Surveys
- Subdivision mapping
- Testimony as an expert witness in court and deposition
- Business administration

NSPS REP



Matt W Clark

Office Nominated For:
NSPS Representative
Chapter Affiliation:
Salt Lake Chapter
Years in Surveying: 20 Years
Years in UCLS Association:
13 Years

Accomplishments & current Survey Activity:

- Currently the Past Chair of the Utah Council of Land Surveyors.
- Currently the Chair of the UCLS Legislative Committee.
- Currently a member of the UCLS Standards and Ethics Committee.
- Currently attending meetings with AGRC to propose legislation to fund the installment and maintenance of the State Wide GPS Network.
- Formerly the Salt Lake Chapter President of UCLS.
- Currently the Deputy County Surveyor for Tooele County.
- Currently a member of the Utah Association of County Surveyors.

For me being the NSPS representative from UCLS would be a balance between representing the Utah Council of Land Surveyors and the State of Utah nationally to our countrywide counterparts and having someone locally who would be more informed on a national level concerning current land surveying issues and laws pertaining to the surveying profession.

I am willing to put in the time to represent UCLS and to do justice to this position on behalf of UCLS. I'd ask for your support in electing me as the next NSPS Representative.



STEVE KEISEL

Chapter Affiliation: Salt Lake
Years in Surveying: 30
Years in UCLS Association: 12

continued on page 16

• UCLS Elections

continued from page 14

Accomplishments & current survey activity:

- State Chair 2004
- Salt Lake Chapter President
- Salt Lake Chapter Rep
- UCLS Conference Committee Chair
- Member of multiple UCLS Committees

WEST FED REP



Dan Knowlden

Chapter Affiliation:
Timpanogos
Years in Surveying: 29
Years in UCLS Association: 14

Accomplishments & Current Survey Activity:

Began surveying in 1966 following graduation from high school. Worked for Federal Aviation Agency in Anchorage, Alaska during the summer of 1966. Worked for Alaska Department of Highways the summers of 1967 and 1968. Worked for Great Basin Engineering and Surveying in Ogden from June 1971 to January 1972. Began a 31 year career with UDOT in February 1972, retiring as the Region 3 Right of Way Engineering in Orem in 2003. Currently working for Epic Engineering and Surveying in West Valley, Utah.

Have been associated with UCLS since 1992 and was instrumental in organizing the Timpanogos Chapter. I have been serving on the executive board since 1996 and have served as Chapter President, Chapter Representative 3 times, and UCLS State Chairman. I attended the West Fed meetings in Denver, Phoenix and Portland in behalf of UCLS while State Chairman. I organized the monumentation of the Northwest corner of the State and coordinated with the BLM, NALS, and IPLSA to place and dedicate the monument. I also organized the placement of the Utah Center of Population monument at Thanksgiving Point near Lehi, Utah.

I want to serve the members of the surveying profession here in the Utah Council of Surveyors by insuring that the State of Utah have a ro-active representative attending the Western Federation of Land surveyors board meetings. I also want to make sure that our State organization have representation through regular

contact with the Executive Board of Westfed so that our members concerns are heard. I want to insure that those issues that are being discussed on the national level are passed down through the State organization to the professionals here in Utah. I am proud to be a Professional Land surveyor and want to insure that the profession continue to be held in a high regard.



Ron Whitehad

Chapter Affiliation:
Color Country
Years In Surveying: 22
Years In UCLS Association: 18

Accomplishments:

- Licensed Land Surveyor in Utah, Nevada, Arizona and California.
- Charter member of the Color Country Chapter of UCLS, Past President Color Country Chapter
- Past Chairman OF UCLS, Past Representative to NSPS Board of Governors,
- Past Chairman of Western Federation of Professional Surveyors,
- Past Conference Chairman for UCLS.

Current Survey Activities:

- UCLS Board, West Fed Delegate, Immediate Past Chairman Of West Fed,
- Chairman West Fed Nomination Committee
- Chairman West Fed Joint Government Affairs Committee,
- Chairman West Fed Conference Committee.

I'm running for this office because I enjoy working with the other West Fed State Delegates, sharing Surveying information and statutes that help the Surveying societies work for the Surveying Profession in their state.

As conference chairman for West Fed I am currently working on bringing a joint UCLS, West Fed and ACSM Conference to Utah in 2009.



ALLEN PRECISION EQUIPMENT

TOPCON GR-3

WORLD'S FIRST

GPS, Glonass,
Galileo capable
GNSS receiver

*Announcing
the next
generation
of Satellite
Positioning!*



**PARADIGM-G3 CHIP
TECHNOLOGY**

SALES • SERVICE • TRAINING • ALL UNDER ONE ROOF



Terry Nutt and Jeremy Adams • Training and Sales



Service Department

**ALLEN PRECISION EQUIPMENT
800.241.6223 • www.allenprecision.com**

Surveying Field Technique Courses



SVT 1030 Surveying Field Techniques I (3 Cr. Hrs)

Prereq: SVT 1110 or MATH 1060 (Trigonometry). Prospective students without the prerequisite may take the course upon approval of the Instructor. This course provides hands-on field experience with surveying equipment, instruments, and tools. Horizontal traverses, levels, distance measuring techniques and devices - including how to take field notes and sketches - are explored.

Full Term 22492-001 Lecture/Lab - Walter M. Cunningham, PLS - Fridays 12:30 pm to 4:20 pm from 1/8/07 to 5/3/07 in TB 504, Redwood Road Campus.

SVT 2030 Surveying Field Techniques II (3 Cr. Hrs)

Prereq: SVT 1030. Prospective students without the prerequisite may take the course upon approval of the Instructor. This course provides hands-on field experience in construction surveying and staking, encompassing GPS fundamentals, radial surveying, robotics, total stations, data collection methods, coordinate creation/adjustment, public lands/state plane coordinate systems, etc.

Full Term 22493-001 Lecture/Lab - Russell D. Flint, PLS - Saturdays 8:00 am to 4:50 pm from 1/8/2007 to 5/3/2007 in TB 504 Redwood Road Campus. Class meets (8) Saturdays: 1/13/07, 1/27/07, 2/10/07, 2/24/07, 3/10/07, 3/31/07, 4/14/07, and 4/28/07.

Those who took either of the above courses from SLCC last Spring will not have to be re-admitted to the college if they plan on taking courses during Spring 2007. This link on the www.slcc.edu website will guide any personnel new to this experience through the process for admission to the college, registering for classes, etc.

The two field techniques courses described above are part of a full two-year degree program in Surveying Technology. This successful program is now entering its 20th year. Courses in the program are taught by licensed and experienced Professional Land Surveyors who are experts in their field. All surveying courses at SLCC are endorsed by the Utah Council of Land Surveyors and are approved by the State Licensing Board for Professional Engineers and Professional Land Surveyors. More information on the overall program is available at this link: http://www.slcc.edu/2007_Catalog/academic_programs/Surveying.pdf

Surveying Technology Program announces that SVT 2990 – SPECIAL TOPICS: NCEES PREP

is open for Spring Semester 2007 enrollment as SVT 2990 001 – CRN 22494.

This "1" credit-hour course will run from January 8th through February 28th, 2007.

SVT 2050 052 - CRN 25782 Legal Descriptions - Online Version

This "3" credit-hour course will run from March 1st through April 26th, 2007.

SVT 2060 - Ethics & Liability - Online Version

This "2" credit-hour course will run from January 8th through February 28th, 2007.

Please contact Walt Cunningham at (801) 957- 4176 or walt.cunningham@slcc.edu

"I'm always looking for ways to **save time** and **Berntsen continues to deliver.**"



Fast and easy. That's ours too. At Berntsen, we know that you expect the very best when ordering survey markers and supplies. That's why, in addition to our personalized customer service, we've added an easy-to-navigate website with live online support plus we make daily checks on the status of your order. Easy ordering, immediate response and quick delivery are your everyday expectations. Ours too. To experience our commitment to you and the value of your time, visit us online at: www.berntsen.com or give us a call at **877.686.8561**.

Berntsen
Helping You Make Your Mark on the World.
www.berntsen.com | 877.686.8561

\$1,000,000 a year for life
or a brand new Trimble S6?



Trimble
DIMENSIONS
2006

November 6 - 8, 2006
Mirage Hotel, Las Vegas
www.trimbleevents.com

©2006, Trimble Navigation Limited. All rights reserved. Trimble and the Globe & Triangle logo are trademarks of Trimble Navigation Limited registered in the United States Patent and Trademark Office. SUR-094

They both may be tempting, but only one provides you with the benefits of Trimble® technology. When surveyors asked for better performance, improved accuracy and extreme versatility, we listened. We packed the Trimble S6 Total Station system with features that provide unsurpassed efficiency, productivity, and profitability. This 100% cable-free total station and rover is an entirely upgradeable surveying solution built with your needs in mind.

GPS SEARCH

Trimble's GPS Search feature employs GPS at the robotic rover for an all-new style of Integrated Surveying™. It takes *less than three seconds* to turn to the robotic rover and lock onto your prism.

MAGDRIVE™

Whisper-quiet, direct-drive electromagnetic servos deliver unmatched speed and accuracy.

MULTITRACK™

Passive prism tracking combined with active Target ID provides exceptional flexibility and performance.

SEAMLESS UPGRADES

From Servo to Autolock to Robotic, the available upgrades make the Trimble S6 an investment that will grow with your business.

See what the new Trimble S6 is all about.
Visit www.trimble.com/revolution



 **Trimble.**

**FOR MORE INFORMATION
CALL YOUR
TRIMBLE DEALER**

Monsen Engineering
Salt Lake City, UT
800-821-0672

Design Solutions for
Engineering and Architecture



ProSoft understands that the needs of CAD users are not all the same. Whether you are a new user just starting out, an experienced user searching for new techniques, or a manager upgrading to the latest version, we have the CAD solutions for you!

Software | Training | Support | Computers



Utah's premier
CAD source
since 1985.

Toll Free: 888.263.0393
www.prosoftnet.com

Autodesk
Authorized Reseller



Utah Foresights
P.O. Box 1032
Salt Lake City, Utah 84110

PRSR STD
U.S. POSTAGE
PAID
SALT LAKE CITY, UT
PERMIT NO. 6699