### Utah Council of Land Surveyors/ Western Federation of Professional Surveyors



# **"ARE WE TRAINING OUR SURVEYORS RIGHT OR RITE?"**

UCLS/WFPS Annual Conference South Towne Exposition Center 9575 South State Street, Sandy, Utah February 26 - 28, 2013

#### **TUESDAY FEBRUARY 26, 2013:**

8:00 am - Noon	Vendor Setup Scholarship Auction Setup (Exhibit Hall 3)			
Noon-1:00 pm	Registration (Expo Lobby)			
1:00 - 2:00 pm	UCLS/WFPS Annual Report/Opening Ceremonies (Meeting room 300A-D)			
	Track 1	Track 2		
2:15 - 3:30 pm	AutoDesk "Field To Finish" Shawn Herring, ProSoft (Meeting Room 300A-B)	GIS Hands on for Surveyors (your own laptop required) Sowmya Selvarajan, Ph.D. (Meeting Room 300C-D)		
3:30 - 4:00 pm	Break (Exhibit Hall 3)	Break (Exhibit Hall 3)		
4:00 - 5:30 pm	AutoDesk "Field To Finish" Shawn Herring, ProSoft (Meeting Room 300A-B)	GIS Hands on for Surveyors (your own laptop required) Sowmya Selvarajan, Ph.D. (Meeting Room 300C-D)		
6:00 - 8:00 pm	Hospitality Suite Hosted By AutoDes (Meeting Room 200A-C)	k/ProSoft		

ICLS/WFPS Conference Schedule





## UCLS/WFPS Conference Schedule Cont.

#### WEDNESDAY FEBRUARY 27, 2013:

7:00 - 8:00 am	Registration Continued (Expo Lobby) Continental Breakfast (Exhibit Hall 3)		
	Survey Olympics will be taking place during the day in the Expo Lobby Plat Competition will be taking place during the day in Exhibit Hall 3 Silent Auction for the Scholarship Fund will be taking place during the day in Exhibit Hall 3 NSPS Student Competition will be taking place during the day in Meeting Room 200A-C		
8:00—9:45 am	Railroad Surveying 101, Part 1 Charlie Tucker (Meeting Room 300 A-D)		
9:45—10:15 am	Break (Exhibit Hall 3)		
10:15—Noon	Railroad Surveying 101, Part 2 Charlie Tucker (Meeting Room 300 A-D)		
Noon -1:30 pm	Lunch Chapter Reports (Exhibit Hall 3)		
1:30 - 3:00 pm	Railroad Surveying 101, Part 3 Charlie Tucker (Meeting Room 300 A-D)		
3:00 - 3:30 pm	Break (Exhibit Hall 3)		
3:30 - 5:00 pm	Railroad Surveying 101, Part 4 Charlie Tucker (Meeting Room 300 A-D)		
6:00 pm	Banquet/Student Awards (Exhibit Hall 3)		

## UCLS/WFPS Conference Schedule Conta

#### THURSDAY FEBRUARY 28, 2013:

7:00 - 8:00 am	Late Registration (Expo Lobby)					
	Breakfast					
	(Exhibit Hall 3)					
8:00 - 9:00 am	Installation of Officers UCLS & WFPS Committee Reports (Exhibit Hall 3)					
	Track 1	Track 2	Track 3	Track 4		
9:00—11:00 am	The Surveyor & Court Room, Discovery &	Legal Descriptions Part 1	Water Rights Part 1	Property Rights & You		
	Reports Part 1	Aaron R. Smith, PLS	Earl Morriss, Esq. PLS	Brent Bateman and The Ombudsmans		
	Charles Stormont	(Meeting Room 300B)	(Meeting Room 300C)	Office		
	(Meeting Room 300A)			(Meeting Room 300D)		
11:00 am -12:30 pm	Lunch all Tracks					
	(Exhibit Hall 3)					
12:30 - 2:30 pm	The Surveyor & Court Room, Trial & Expert	Legal Descriptions Part 2	Water Rights Part 2	In Search of the Bap- tiste Mineral Surveys		
	Testimony Part 2	Aaron R. Smith, PLS (Meeting Room 300B)	Earl Morriss, Esq. PLS	Linda Smith, PLS		
	Charles Stormont		(Meeting Room 300C)	(Meeting Room 300D)		
2:30 - 3:00 pm	(Meeting Room 300A) Break all Tracks					
2.30 - 3.00 pm	(Exhibit Hall 3)					
3:00 pm	Silent Auction ends					
3:00 - 5:00 pm	AutoDesk	Surveyor Contracts	TrigStar	NOAA		
	"Machine Grading"	Jeff Hurst (Meeting Room 300B)	Arthur LeBaron & Trent Williams (Meeting Room 300C)	Bill Stone		
	Shawn Herring			(Meeting Room 300D)		
	(Meeting Room 300A)					
5:00 - 5:30 pm	UCLS Wrap-up all Track Silent Auction Winners A (Exhibit Hall 3)					



#### **Tuesday:**

#### Shawn Herring, ProSoft

#### What is Field to Finish?

The ability to download field collected survey data and automatically "draw" an intelligent base map is called "field to finish". Field to finish methods typically result in the automatic creation of: points, point symbols, point labels, topographic feature lines, and general descriptive line work.

The techniques for good field to finish are easy to implement with knowledgeable use of hardware and software throughout the data collection, download, and reduction process.

The field to finish process includes these steps:

- Mission pre-planning
- Using consistent point descriptions
- Adding linework connectivity commands
- · Applying description code keys
- Applying figure prefixes
- Download into a pre-set drawing environment Key Learning Objective
- Linework codeset setup
- Figure prefix database setup
- Figure collection techniques
- · Figure creation
- Figure editing

#### About the Speaker:

Shawn has held several positions in the industry giving him exceptional experience in surveying, GIS, and design engineering. He has also gained incredible knowledge of the AutoCAD® Civil 3D® implementation process while working in CAD management for commercial and residential projects in Utah, Arizona, Nevada, and Idaho. Shawn has been a part of Civil 3D implementations for several Dept. of Transportation's as well as numerous local government and private entities. Shawn continuously speaks at multiple user groups and conferences across the country and this is his first time presenting at UCLS!!

#### Sowmya Selvarajan, Ph.D. (UVU)

#### **GIS Hands on for Surveyors**

Dr. Sowmya Selvarajan is a new tenure track faculty at the Utah Valley University's Geomatics program. Sowmya earned her Ph.D. in Geomatics from the University of Florida.

Sowmya has focused her recent research on airborne sensors, instrumentation and integration of such

technologies. Her expertise lies in the field of latest geospatial technologies, some to name such as GIS and modeling, remote sensing and interpretation, airborne laser scanning, etc.

She earned a Masters of Engineering degree in GIS, Remote Sensing and Civil Engineering from the National University and also her Bachelor of Engineering degree in Geoinformatics Engineering from India.

She has more than 10 years of education, teaching and consulting experiences in the field of geospatial technology especially GIS and remote sensing. She has taught at Nicholls State University, worked as a research and teaching assistant at the University of Florida, served as a Geomatics consultant at a private firm in Jamaica, and taught as a lecturer at the University of Technology, Jamaica. She has also published several articles on various topics in Geomatics.

#### Wednesday:

#### **Charles Tucker**

#### **Railroad Surveying 101**

Charles M. Tucker, LSI, Railway Project Manager, Farnsworth Group, Railway Services-Denver

Charlie Tucker is well known to the Colorado and Western U.S. surveying community from his stints as surveyor, field engineer, office engineer and roadmaster at La Junta, Colorado for the Santa Fe Railway (now BNSF). With the Santa Fe, Charlie worked extensively with the survey community in Colorado, New Mexico, Kansas, Oklahoma, Texas and California for 20 years on a variety of unique and interesting projects. At Santa Fe, he had participated in the construction of new lines, enlargement of tunnels, construction and oversight of public works projects, intermodal facilities as well as having been the maintenance supervisor in charge during the 1989 California "World Series Earthquakes", the LA "King" Riots, multiple fires floods and other calamities. He has the unique experience of having worked in the design, construction, maintenance and public works disciplines within the railroad industry.

Since joining the consulting community in 1996 with Benchmark Surveying/Farnsworth Group, Charlie has worked extensively in Colorado and other states (Washington to Maine, Illinois to Texas) working with the railroad industry, state agencies, state attorneys and as a railroad expert for other consultants. There are a broad range of projects that Farnsworth Group

## Technical Session Presenters continued....

#### Charles Tucker continued...

and Charlie have been involved in, from boundary, retracement and topographic surveys to accident surveys to lease and contract management. Mr. Tucker is a member of NSPS/ACSM, GLIS/ACSM, PLSC (Southern & Central Chapters) & AREMA (American Railway Engineering & Maintenance Association, Committees1 (Roadway & Ballast, Chairman Subcommittee -5 Pipelines & Utilities 2006 -2009) and Committee 18 (Shortline and Light Density Railways – Secretary 2002-2005). He currently is the lead instructor for AREMA's Railroad Surveying 101 seminar program and a volunteer assistant to the Archivist at Richardson Library/ Colorado Railroad Museum – Golden, CO.

#### **Thursday:**

### Charles Stormont, Utah Assistant Attorney General

#### The Surveyor & Court Room

Charles A. Stormont is a graduate of Davidson College and the University of Virginia School of Law where he was on the editorial board of the Virginia Law Review. Currently, Mr. Stormont is an Assistant Attorney General for the State of Utah and his practice focuses on eminent domain litigation on behalf of the Utah Department of Transportation. Prior to joining the Utah Attorney General's Office, Mr. Stormont worked for two years as a Senior Associate with Howrey LLP in their Salt Lake City office, and for five vears as an Associate with Vinson & Elkins LLP in their Washington, DC office. Mr. Stormont's prior practice involved a variety of civil litigation, including antitrust and patent litigation, with an emphasis on damages issues, as well as the representation of merging entities before the Federal Trade Commission and Department of Justice under the Hart Scott Rodino Act.

#### Aaron Smith, P.L.S.

#### Legal Descriptions

Aaron Smith currently resides in Sonoma County; CA. and is a licensed land surveyor in California and Nevada and has been practicing for over 20 years. His formal education is in Business Administration but works on a day-to-day basis as the Principal Land Surveyor for Adobe Associates. He was an employee for the firm from 1991-2001 when he became a partner, and then became a managing partner in 2005 and continues in that capacity. He is currently a Delegate for California to the Western Federation of Professional Surveyors and was the State President of CLSA in 2010. He is also the current President of his school district and basketball coach for his children.

#### Earl Morriss, Esq., P.L.S.

#### Water Rights

Of Counsel at Genesis Law Firm, PLLC in Everett, WA Mr. Morriss is an attorney and member of the Washington State Bar Association. His law practice focuses on real property disputes. Mr. Morriss has more than twenty-five years in the practice of professional land surveying. He is an active member of the Land Surveyor's Association of Washington (LSAW), serving as 2012 Vice President of LSAW, and as past-president of the North Puget Sound Chapter. Mr. Morriss received his B.S. degree in Urban Studies from Georgia State University and his J.D. degree from Seattle University School of Law. He has taught courses and made continuing education presentations related to boundary law, boundary adjustments, legal descriptions, and easements to both attorneys and land surveyors. Mr. Morriss was recently a guest on The ACSM Radio Hour, an online program of The American Congress on Surveying and Mapping hosted by Executive Director, Curt Sumner.

#### Brent Bateman & The Ombudsmans Offices Property Rights & You

Brent N. Bateman is the lead attorney in the Utah Office of the Property Rights Ombudsman. At the OPRO, Brent and his staff work hard to assist property owners and government entities to understand property rights, to follow the law, and to listen to one another, for pete's sake. In his life, Brent has lived in five different universes: Utah, England, California, Michigan and Utah County. Brent undergraduated at Brigham Young University and law schooled at Wayne State University in Detroit. While in law school, Brent was Managing Editor of the Wayne Law Review, which means that he did all of the real work. Brent loves to study land use law, baseball, and Shakespeare, and will happily discuss them with you anytime.

#### Linda Smith, P.L.S.

#### In Search of the Baptiste Mineral Surveys

After 35 years with the Forest Service Linda retired 2 years ago. Her primary Land Surveying education was attained at Flathead Valley Community College in Kalispell, Montana. Her land surveying career with the Forest Service began as a member of a road survey crew in 1975. Other experience includes 2 seasons of



#### Thursday continued...

#### Linda Smith, P.L.S. continued...

searching and remonumenting GLO corners under a cooperative program with the BLM, several years as crew chief and survey manager. She served as Forest Land Surveyor on the Flathead, Prescott and Kootenai National Forests. The last 10 years of her career were spent as Lands and Minerals Program Manager on the Flathead Forest.

Although retired from the Forest Service she practices Land Surveying on a limited basis, choosing to do simple and interesting projects. Linda has served as president of the Montana Association of Registered Land Surveyors, Montana representative to the Western Federation of Professional Surveyors, Montana Governor to NSPS and held several committee chair positions.

#### Shawn Herring, ProSoft

#### **Machine Control grading and BIM**

GPS Machine Control is the use of the Global Positioning System technology for earthwork machine guidance. It is so prevalent today that an estimated 85% of all new heavy construction equipment comes equipped for GPS machine guidance.

GPS Machine Control Grading utilizes robotic and GPS surveying techiniques by mounting equipment directly on the earthwork equipment that is used during construction. Because of the accuracy and substantial labor savings it is quickly becoming the standard in construction. The process of grading is much quicker, it can be accomplished by one operator, is more agile to accept changes, increase grading accuracy and gets workers out of harm's way!!

The resulting accuracy leads to a reduction of mistakes and change orders. Leading contractors report a reduction of 70% in change orders and fewer field accidents involving heavy machinery.

#### **Shawn Herring**

#### AGENDA

- Industry Trends & Challenges
- BIM Building Information Model
- GPS Machine Control Technology
- Workflow and process Old vs. New
- Building the model using Civil 3D
- Exporting to Trimble SiteVision Office
- Virtual Grading

#### Jeffrey M. Hurst

#### **Surveyor Contracts**

Jeffrey M. Hirst joined American Insurance & Investment Corporation in June of 1999. At the time, he was attending the University of Utah, where he focused his energies on finance, marketing and student government. While at the University of Utah, Jeff co-founded the first undergraduate student journal at the David Eccles School of Business. He graduated Summa Cum Laude in May of 2001 with a BA in Business Administration.

After graduating, Jeff continued his service at American Insurance, focusing on Professional Liability insurance and related commercial coverage for professional organizations. Jeff has successfully developed a client base of Utah design firms that includes architects, engineers, surveyors, and geotechnical consultants. He is frequently called upon to advise firms in matters relating to loss prevention principles and practice management, such as contracts, client selection, project management, and other topics.

Jeff is currently the President of the Professional Liability Agents Network (PLAN), which is a North American association of insurance agents who specialize in servicing Architects & Engineers.

Jeff enjoys spending time with his wife and four children. He also enjoys snowmobiling, water skiing, running and participating in politics.

#### Adam T. Mow, Esq.

#### **Surveyor Contracts**

Adam T. Mow, AIA, Esq. is a construction law attorney at the law firm of Jones Waldo Holbrook & McDonough, PC in Salt Lake City. He is also a licensed architect and represents members of the construction industry with regard to contract drafting and negotiation, litigation, bonds, and mechanics' liens. Adam is the 2013 President of the Utah Chapter of the American Institute of Architects.

#### **Arthur LeBaron**

#### TrigStar

As a student at the College of Engineering at Utah State University, Arthur became fascinated with Land Surveying when he took the Field Techniques class taught by Dr. Thorpe as part of the engineering curriculum for Freshmen students. Arthur immediately set out to find a job doing survey work at engineering



#### Thursday continued...

#### Arthur LeBaron continued...

companies in Cache Valley to learn more about this fascinating profession. Thanks to the mentoring of Reid Pope, Layne Smith, Randy Williford, and others, Arthur made it his goal to one day become a licensed surveyor, which goal he accomplished in 2007.

Arthur enjoys spending time with his wife of 18 years and his 6 children. They mostly enjoy performing arts, baseball, and the outdoors. Arthur is an avid wormfisherman (LOL), hunter, and loves to collect and shoot firearms. Arthur also serves as the Scoutmaster of his local Troop, and thoroughly enjoys Scouting. In 2010 Arthur attended the Boy Scout National Jamboree at Fort A.P. Hill, Virginia where he served as a merit badge counselor for the Surveying Merit Badge.

Arthur is a lifetime resident of Hurricane, Utah, where he has been employed as the City Engineer since 2007. Before his employment at Hurricane City, Arthur worked in St. George in private consulting doing mostly transportation work for UDOT and surrounding municipalities.

Arthur is registered in the State of Utah as a Professional Land Surveyor and a Professional Structural Engineer.

#### **Trent Williams**

#### TrigStar

Trent Williams started his surveying career as a high school intern at Ensign Engineering. Mr. Williams went there "kicking and screaming" because he wanted to be a mechanical engineer. He instantly fell in love with surveying and has been doing it ever since. After graduating from Salt Lake Community College he received his Utah Surveyors license in 2011. Since then Mr. Williams has been active in the UCLS, working with the Public Relation Committee and for two years now has sponsored a Trigstar event at Morgan High School. He is currently employed with Electrical Consultants Inc. (ECI).

Outside of surveying Trent enjoys spending time with his wife and their 4 month old daughter. He looks forward to camping and visiting national parks. He is also a scout master and looks forward to showing the scouts the nearest benchmark or section corner wherever then camp.

#### William Stone

#### NOAA

This presentation will describe the current status of the NSRS and will include information about accessing geodetic control descriptive and coordinate data, the national network of GNSS Continuously Operating Reference Stations (CORS), and the Online Positioning User Service (OPUS) utility. The recently published NAD83(2011) epoch 2010.00 datum realization for CORS, OPUS, and the passive control network and the corresponding geoid model (GEOID12A) will be described. The National Geodetic Survey Ten-Year Plan - a document that lays out a "mission, vision, and strategy" for NGS and the evolution of the NSRS over the next decade, including plans for the national geometric and geopotential datums of the future - will also be discussed. All persons interested in the products and services provided by NGS are encouraged to attend, to ask questions, and to provide NGS with feedback regarding your geodetic requirements.

William Stone is the NOAA/National Geodetic Survey's (NGS) Southwest Region Geodetic Advisor. He assists the geospatial community throughout Arizona, Nevada, New Mexico and Utah—including public- and private-sector surveyors, GIS professionals, engineers, and earth scientists—with proper application of the National Spatial Reference System. Stone has been with NGS since 1989, and he previously worked for the Department of the Navy and the Defense Mapping Agency. He has a BA in Physics from Bowdoin College and an MS in Physical Oceanography from the Scripps Institution of Oceanography. He lives in Santa Fe, NM.



## UCLS/WFPS Conference Accomodations

### JOIN US!

The UCLS 2013 Conference is upon us. This year the Conference will be held at the South Towne Expo Center at 9575 South State Street, Sandy, Utah

We hope we have included all the necessary information regarding the conference, however, please feel free to contact the UCLS Office at (801) 964-6192, or any member of the Workshop and Conference Committee if you have additional questions. Please visit the UCLS Web for conference information and for online registration. We hope you will join us February 26-28, 2013.



One of our featured presentations Tuesday afternoon will be AutoDesk's Field-To-Finish presented by ProSoft with a concurrent session on GIS Hands on for Surveyors by UVU. Tuesday evening we will be favored with a Hospitality Suite sponsored by ProSoft & AutoDesk to help mix and mingle with old friends and new (look for ProSoft's announcement). This will also be a wonderful time to meet all the NSPS Student Competitors that will be taking part of the competition on Wednesday and get to know the WFPS Association as well.

Wednesday will be a busy day filled with our keynote speaker Charlie Tucker with his presentation on Rail Road Surveying while at the same time the NSPS Student Competition will be underway. Wednesday night will be our awards banquet where we will also be presenting the winners of the Student Competition and they will get to showcase their winning project.

We are pleased to have Assistant Attorney General Charles Stormont, The Office of the Property Rights Ombudsman – Brent Bateman, Aaron R. Smith PLS, Bill Stone PLS, Jeff Hurst, Earl Morriss Esq. PLS, Linda Smith PLS, Arthur LeBaron PLS, Trent Williams PLS, and UVU to name a few that will be presenting our various session on Thursday talking about property rights, water rights, surveying right (rite) in Utah and how to market yourself and/or your survey company. We are very excited to have a session on TrigStar, Surveying/Machine Grading, as well as several other wonderful breakout sessions.

### HOTEL

The convention hotel will be the <u>Country Inn & Suites, SLC South</u> <u>Towne</u> located at 10499 South Jordan Gateway, South Jordan, UT 84095, Phone 801-553-1151,



Fax 801-553-1161. You may start I love this Country." making your reservations now,

ask for the UCLS Convention Rate of \$90.00.

#### **SCHOLARSHIP SILENT AUCTION**

There is getting to be a greater demand for licensed professional land surveyors and if we as a profession do not actively pursue and mentor students interested in land surveying we can look forward to other professionals taking over work that should be preformed by professional land surveyors. You might be saying to yourself that this will never happen to our profession. We would agree as long as we continue to expand the ability of our UCLS Scholarship Fund to financially assist students of all ages that are interested in getting their education in Land Surveying.

As surveyors we have the ability to affect a lot of people in the community. With this positive affect we have a great network of clients and acquaintances that might be willing to donate to our scholarship fund raising efforts. We are coming to you, our fellow UCLS members, to help us get the items needed to continue the scholarship fund. Please don't limit your donation items to surveying or outdoor activities as there will be significant others attending the awards banquet again this year.

#### Auction item ideas:

We are looking for any surveying instruments, supplies, even an old chain or other surveying or drafting type item you think could be sold to the general UCLS membership during the convention. Other ideas are gift baskets, gift cards, sports equipment such as bats, footballs, basketballs, golf clubs, golf balls, fitness club memberships, tickets to sporting events, certificates for a round of golf, movie passes, theater passes, gift certificates to restaurants, car wash certificates, car care products, passes to Lagoon or other amusement parks, vacation passes to resorts, home improvement store certificates, day spa certificates, antique survey equipment— the possibilities are endless.

Thank you for supporting the UCLS Scholarship Fund with your efforts and donations.

Sincerely,

The UCLS Education Committee

### PLAT COMPETITION

#### 2013 RECORD OF SURVEY / CORNER REPORT COMPETITION

The Utah Council of Land Surveyors is pleased to host its ninth annual record of survey plat and corner report competition. Please participate by submitting your entry(s) in one, or all of the following categories:

- □ Record of Survey
- □ Topographic Survey
- □ ALTA/ACSM Survey
- □ Subdivision Plat
- □ Record Corner Report
- · Identify which category the plat or report is intended to compete in.
- · If plat/project requires multiple pages, submit only one page of the set
- Provide a standard sized copy for display purposes during the conference
- · Plats / Reports may be submitted in black/white, half-tone/shaded, or color prints
- · Judging to be conducted by current and past surveyor of the year recipients
- A 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place winner will be determined for each category.
- $\cdot \;$  The awarding of the ribbons will be by attachment to the plat

#### New in 2013

Judging will take place prior to the conference; therefore, a .pdf must be emailed to Steve Keisel at <u>svkeisel@gmail.com</u> for distribution to the judging committee. E-mail submissions must be received before

February 9, 2013.

Along with the survey plat and corner report display, we wish to exhibit unusual and unique images of north arrows and/or seals. If you have a north arrow or seal, that is display worthy, please bring a copy on an 8  $\frac{1}{2}$  x11" sheet of paper.

Please contact Steve Keisel at <u>svkeisel@gmail.com</u> or 801-512-4338 if you have questions.

#### PRIZES!!!

Back by popular demand, we will be giving away a shotgun again this year. We will also be giving away an iPad, nice binoculars and other great door prizes. You must be present to win.\*

\*items shown are a representation only, Actual prizes may differ slightly.







You may register online or mail registration form to: UCLS, P.O. Box 1032, Salt Lake City, UT 84110 For more information or to register online: www.ucls.org Fax/Phone: (801) 964-6192

South Towne Expo Center, Sandy, Utah

Please type or print and fill out completely

**Registration Form** 

Name:	Name for Nametag						
Company:							
Mailing Address:							
City:							
Phone: ( )	) Fax: ( )						
License Number:							
Included with registration fees:							
• All sessions •16+ Classroom ho	urs • Handouts & complimentary iten	ns 🔹 • All break	s with exhibitors				
• Lunches & Cont. Breakfasts	• Opportunity to socialize with peers	• Installation	banquet				
UCLS/WFPS Member Conference	<b>Registration Fees</b>						
Member Registration Full Con	ference	\$375.00	\$				
Wednesday and Thursday		\$300.00	\$				
Thursday only		\$225.00	\$				
Non-Member Conference Registrat	ion Fees						
Non-member Registrations Fu	ll Conference	\$500.00	\$				
Wednesday and Thursday only	ý	\$400.00	\$				
Thursday only		\$300.00	\$				
<b>Student Registration Full Conferen</b>	<b>ce</b> (must provide student ID)	\$100.00	\$				
NSPS Competition Team (Students	& Advisor)	\$250.00	\$				
<b>Optional Activities</b>	,						
Extra Banquet Ticket (per per	son)	\$30.00	\$				
Surcharge for Late Registrat							
(after February 18, 2013)	\$25.00	\$					
Grand Total			\$				
Check here if you require special service (please des		eet of paper and e	enclose it with your registration)				
Registration Deadline: February							
18, 2013, 10:00 p.m. (MT)	Payment Information						
Late registrants will not be guaranteed conference handouts.	🗆 Check Enclosed 🗖 MasterCard	🗆 Visa 🗆 I	Discover 🗆 American Express				
No refunds will be given after	Card Number						
February 18, 2013.	Expiration Date						
UCLS accepts payment by check or credit card.	Security Code						
If paying by check, please make checks payable to UCLS and send to the address above.	Signature						