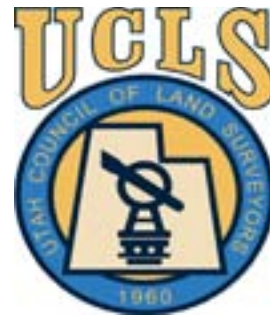


The UCLS Newsletter



Volume 4 Issue 10

February 2016

What is it



Prior to the event and use of radios and phones, communication was a major obstacle for those who needed to communicate over long distances or around loud equipment. To triumph this challenge, surveyors used flag or arm gestures to transmit numbers and/or letter. Be the first to respond and correctly identify the numerical value being communicated and you will become eligible for a free lunch at your next chapter meeting. Answers may be emailed to Susan at srmerril@ucls.org. The earliest received date and its time of response will determine the winner.

In this issue: We hail praise to the Roman God Terminus and invite you to share in the celebration of Terminalia followed by an opportunity to win some cash by designing an elevator pitch for WestFed.

We revised the script from the movie "A few Good Men" to highlight a professional land surveyor. DOPL has been busy monitoring our profession and reports on several cases; We introduce you to another outstanding member; and provide unique engineering unit conversion table.

We invite you to share charismatic photos of yourself and/or a coworker, panoramic images of Utah's scenic wonders, or pictures of survey related tools and equipment. Additionally, we need interesting and unique descriptions or survey related stories to share with our membership. Remember, if you do not participate you have no right to complain. Please let us know your thoughts, recommendations, suggestions, or complaints.

The UCLS Newsletter
is published monthly by the

Utah Council of Land Surveyors
PO Box 1032
Salt Lake City, UT 84110

Phone/Fax:
801-964-6192

Website:
www.ucls.org

IN THIS ISSUE:

- Page 2.....Officers & Committees
- Page 3.....Terminalia
- Page 4.....WestFed Contest
- Page 5....."A few Good Surveyors"
- Page 6.... Engineer & Land Surveyor Cases
- Page 7.....St. George Schedule
- Page 8.....Getting to Know our Members / January What is it
- Page 9.....North Arrows
- Page 10...Engineers Conversion Table
- Page 11...Annual Awards Banquet

"Let our hard work, diligence, and professionalism pay tribute and honor our profession and the great Terminus."
- Steve Dale

The UCLS Newsletter is published monthly by the Utah Council of Land Surveyors (UCLS), as a service to the Land Surveying profession of the state of Utah. The publication is provided to UCLS members and similar organizations on a complimentary basis. The Newsletter is not copyright protected, therefore articles, except where specifically copy right noted, may be reprinted with proper credit given. Articles appearing in the Newsletter publication do not necessarily reflect the viewpoint or endorsement of UCLS, its officers, Board of Directors, or the editor. Contributions are encouraged. Articles, Advertisements, Pictures, and Comments may be submitted to UCLS at ucls@ucls.org or uclsforesights@ucls.org

UCLS Executive Board 2015State Chair

Scott Woolsey
43 S. 100 E. Suite 100
St. George, UT 84770
Business: (435) 628-6500
Fax: (435) 628-6553
scottwoolsey@alphaengineering.com

State Chair Elect

Dale Robinson
12227 S. Business Park Dr., #220
Draper, UT 84020
Business: (801) 523-0100
Fax: (801) 523-0900
drobinson@sunrise-eng.com

Past State Chair

Kenneth Hamblin (CC)
59 N. 2120 East Circle,
St. George, UT 84790
Business: (435) 673-3075
khamblin@infowest.com

NSPS Director

Steven Dale
3600 S. Constitution Blvd., Room 250
West Valley City, UT 84119
Business: (801) 963-3218
Fax: (801) 963-3540
steve.dale@wvc-ut.gov

West Fed Representative

Michael W. Nadeau (SL)
5226 W. Ashland Rose Dr.
Herriman, UT 84065
Business: (801) 569-1315
Fax: (801) 569-1319
mikenadeau.ucls@gmail.com

Book Cliffs Chapter President

Ryan Allred
P.O. Box 975
Duchesne, UT 84021
Business: (435) 738-5352
Fax: (435) 738-5722
dallred@ubtanet.com

Book Cliffs Chapter Representative

Brock Slaugh
P.O. Box 1580
Vernal, UT 84078
Business: (435) 789-1365
bis@timberlinels.com

Color Country President

Todd Jacobsen
2458 Scenic Drive
Santa Clara, UT 84765
Business: (435) 627-4124
Fax: (435) 627-4133
tjacobsen@sgcity.org

Color Country Chapter Representative

Rick Snyder
11 North 300 West
Washington, UT 84780
Business: (435) 652-8450
Fax: (435) 652-8416
rsnyder@sunrise-eng.com

Golden Spike President

David K. Balling
198 E. Shadowbrook Lane
Kaysville, UT 84037
Business: (801) 295-7237
dkballing@msn.com

Golden Spike Chapter Representative

Val Schultz
2096 W. 5750 S.
Roy, UT 84067
Business: (801) 399-8018
Fax: (801) 825-1320
vschultz@co.weber.ut.us

Salt Lake Chapter President

Brad Mortensen
3268 S. 930 W.
Syracuse, UT 84075
Business: (801) 882-6385
btmort@earthlink.net

Salt Lake Chapter Representative

Tim Prestwich
12830 Redwood Road
Riverton, UT 84065
Business: (801) 208-3124
tprestwich@hotmail.com

Timpanogos President

Bradly D. Daley
3814 Sage Vista Lane
Cedar Hills, UT 84062
Business: (801) 566-5599
Fax: (801) 566-5581
bdaley54@msn.com

Timpanogos Chapter Representative

Jim Kaiserman
1020 Sage Circle
Heber City, UT 84032
Business: (435) 657-3222
Fax: (435) 657-3207
jkaiserman@co.wasatch.ut.us

Administrative Secretary

Susan Merrill
PO Box 1032
Salt Lake City, UT 84110
(801) 964-6192
srmerrill@ucls.org

Treasurer

Brad Mortensen (SL)
3268 S. 930 W.
Syracuse, UT 84075
Business: (801) 363-5605
Fax: (801) 363-5604
btmort.earthlink.net

Chapter Vice Presidents:

Book Cliffs Harold Marshall
hmarshall@uintahgroup.com
Color Country Bob Hermanson
bobh@bushandgudgell.com
Golden Spike Ken Hawkes
kenh@awagreatbasin.com
Salt Lake Gary Christensen
chill@spanishfork.org

Chapter Secretary/Treasurer

Book Cliffs Paul Hawkes
paul@trisatesurvey.com
Color Country Brad Peterson
brad2765@gmail.com
Golden Spike Travis Gower
gwlsurvey@gmail.com
Salt Lake Brian Mitchell
bmitchell@slco.org
Timpanogos Chad Poulsen
chad@lei-eng.com

Committees & Committee Chairs

Legislation Doug Kinsman
doug@ensignutah.com
Education Walt Cunningham
walt.cunningham@slcc.edu
Publication Steve Keisel
svkeisel@gmail.com
Standards & Ethics Dale Bennett
dale@benchmarkcivil.com
Membership David Balling
dkballing@msn.com
Public Relations Randy Smith
rdsmith@utah.gov
Testing Darryl Fenn
dfenn@merid-eng.com
Workshop & Convention
Todd Jacobsen
tjacobsen@sgcity.org
Historical Charles Heaton
charles.heaton@esieng.com
Matt Peterson
matt.peterson@esieng.com
Construction Survey
David Mortensen
DMortensen@bushandgudgell.com

Let us all celebrate the Festival of Terminalia

And what my fellow surveyors is Terminalia? Well my friends and colleagues, Terminalia is a holiday on the Roman calendar to honor the roman god Terminus, the god of boundaries. It is celebrated on February 23rd of each year, which as we all know was the end of the year on the Roman calendar.

Terminalia

XXIII Februarius/February 23: A day sacred to Terminus, the god of boundary stones and markers. Boundary stones themselves are decorated with garlands, and sacrifices and feasts were held at boundary stones by adjacent landowners. A celebration is also held at a boundary stone in the temple of Jupiter Optimus Maximus on the Capitoline Hill in Roma.

<http://www.novaroma.org/calendar/februarius2.html>

Terminus & Terminalia

“Neighbors gather sincerely, and hold a feast, and sing your praises, sacred Terminus: You set bounds to peoples, cities, great kingdoms: Without you every field would be disputed.”-- From Ovid's Festivals - Book II

Terminus was one of the really old roman gods - he did not have a statue, he was a stone maker - and his origin, associated with a physical object, and lack of the usual stories that go with the gods, may have originated from animalistic religions. He had influence over less physical boundaries too, like that between two months, or between two groups of people. Terminalia was celebrated on the 23rd February - which was the last day of the Roman Year, the boundary between two new years.



A squared-off column is dug into the ground, a solid block; on it stands a bust of a man with ringlets, and proclaims he yields to no one. Such is Terminus; this end alone drives our race. The date is unmovable, the time foreordained by fates, and the last days bring a judgment on the first --from Alciato's Book of Emblems: Emblem 158

Traditionally, feasting and sacrifices were performed during Terminalia at boundary markers. In Roman times for the festival, the two owners of adjacent property crowned the statue with garlands and raised a rude altar, on which they offered up some corn, honeycombs, and wine, and sacrificed a lamb or a sucking pig. They concluded with singing the praises of the god.

<http://terminaliafestival.org/>

And so my friends and colleagues, how might we celebrate Terminalia? On February 23rd and on every February 23rd henceforth, I suggest we meet our neighbor or neighbors at a common boundary corner, raise our glasses (beverage of your choice), and sing his praises. Of course, our neighbors may not have the same level of enthusiasm that we may have. Perhaps we could join with one of our professional colleagues at a chosen property corner and raise our glasses, followed by a nice lunch to discuss exciting boundary and survey stuff.

Let our hard work, diligence, and professionalism pay tribute and honor our profession and the great Terminus, as well. May he watch over us and bless our efforts always.

Contributed by Steve Dale - NSPS Director

WESTFED "ELEVATOR PITCH" CONTEST

WIN A \$100 VISA CARD!!!

WestFed wants your ideas! Have you ever heard of an "elevator pitch"? Neither had I until I ran for public office. Basically, if you met somebody and only had 30 to 45 seconds to impress them enough to vote for you, what would you say? Well, here is your chance to create an elevator pitch to spark interest in our profession. If you only had 30 to 45 seconds to tell somebody about our noble profession, what would you say? Get imaginative and send your best and most creative elevator pitch, sparking interest in land surveying, and send it to me at MikeNadeau.UCLS@gmail.com. If WestFed picks your elevator pitch as the best, you will receive a \$100 VISA gift card. It's that simple...so put your thinking caps on and send me your elevator pitch before **April 8th**!

Michael Nadeau – UCLS Rep to the Western Federation of Professional Surveyors

About WFPS

The Western Federation of Professional Surveyors (WFPS) was formed in 1979. The Board of Directors includes two Delegates from each of the 13 western states. WFPS serves as a regional voice for land surveyors and meets quarterly to discuss practice issues affecting western state surveyors. For more information about WFPS and the state associations, visit WFPS.org



NCEES Adopts Position Statement

Promoting the surveying profession

August 24, 201

Increasing the number of professional surveyors was another key concern at the annual meeting.

NCEES member boards voted to fund a meeting of surveying organizations to discuss how to best attract a diverse cross section of people to the profession. The group will recommend additional outreach opportunities to promote surveying as a career, including potential collaborations with other organizations.

Delegates also voted to implement a new initiative to support surveying education at the college level. The program will recognize up to 10 professional surveying organization of distinctions each year, awarding each up to \$10,000. NCEES staff and members will work together in the coming year to develop the program, including finalizing award criteria.

These efforts to promote the surveying profession follow the work of the Future of Surveying Task Force, which was formed in 2014, to address the decline in the number of surveyors entering the profession in the United States.

Full details on all motions considered during the annual meeting will be included in the official minutes, which will be published later this year.

A scene from "A Few Good [Surveyors](#)"

[Surveyor:](#) (Jack Nicholson): You want answers?

[Land Owner:](#) (Tom Cruise): I think I'm entitled to them.

[Surveyor:](#) You want answers?

[Land Owner:](#) I want the truth!!

[Surveyor:](#) You can't handle the truth! Son, we live in a world that has property lines and those property lines have to be located and monumented correctly.
Who's gonna Survey them? You - You, Mr. Land Owner?

[Surveyor:](#) I have a greater responsibility than you can .
You weep for lost square footage and you curse the location of surveyed property lines.
You have that luxury. You have the luxury of not knowing what I know: that those surveyed lines, while tragically placed, probably saved a boundary by perpetuating the intent of the description. Their position, while grotesque and incomprehensible to you, preserved that boundary. You don't want the truth - because deep down, in places you don't talk about at parties, you want me on that survey crew.
You need me on that survey crew!

[Land Owner:](#) No Response

[Surveyor:](#) We use words like prescriptive rights, senior rights, acquiescence, chain of title, and survey boundary analysis – WE use these words as the backbone to a life spent surveying something.
You – You use 'em as a punchline.
I have neither the time nor the inclination to explain my boundary determination to a man who rises and sleeps under the blanket that I provide - then questions the manner in which I provide it! I'd rather you just said thank you and went on your way. Otherwise, I suggest you pick up a survey manual, become licensed, and survey your own damn property. Either way, I don't give a damn what you think you're entitled to!

[Land Owner:](#) Did you survey my property correctly?

[Surveyor:](#) (quietly) I did the job you HIRED me to do.

[Land Owner:](#) Did you survey my property correctly?

[Surveyor:](#) You're damn right I did!!

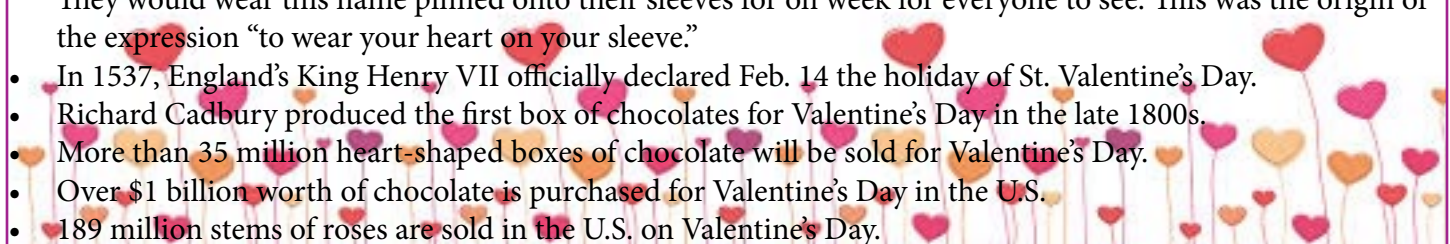


**ENGINEER AND LAND SURVEYOR CASES CLOSED DURING SEPTEMBER -
“REPORT FROM THE PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS
LICENSING BOARD MEETING”**

Total of 6 Land Surveyor complaints and 6 Engineer complaints

1. The complainant alleged subject placed boundary markers on his building lot and others in the wrong place. Subject has used an initial plan provided to them prior to the economy crashing. The City purchased the subdivision at a later date, made a few changes but never gave the updated paperwork to subject. Since this occurred, City has given the complainant an exemption to keep the home where it is even though it falls in the easement. It does not appear this was the fault of the subject. Case was closed due to the Lack of Evidence.
2. Allegation of an unlicensed Engineer using the term Engineer. Investigation found the term Engineer was used incorrectly to an unlicensed individual. A citation was issued.
3. Subject is involved in a civil lawsuit and the complainant asked that we watch the court findings to determine whether we should take action against his Land Surveyors license. These proceedings have just begun and could take a year or so to conclude. The complainant was told to let us know when the court action had concluded and provide document action of what they felt Subject had done and we would follow up at that time. Closed lack of evidence.
4. Subject was working without a licensed land surveyor on their payroll. They were doing the job then sending it out to get stamped by a subcontractor here in St George. They were cited and have since brought on a licensed land surveyor.
5. Allegation of a licensed Surveyor doing incomplete surveys. Investigation found the Surveyor does do surveys but they are not getting submitted to the County for recording. Request case be closed, referred for agency disciplinary action.
6. Subject, a licensed Civil Engineer, represented himself to be a surveyor and he is not licensed as a surveyor in the State of Utah. The investigation could not substantiate the allegations. Lack of Evidence.
7. Subject was disciplined by the State of Wisconsin for practicing without the proper registrations. The investigation substantiated the allegations. A letter of concern was sent to Subject.
8. Allegation of a business advertising Engineering and Land Surveying. Investigation found there is a licensed Land Surveyor and Engineer on staff. Lack of evidence.
9. Allegation of a business that is advertising engineering services. Investigation found the business is displaying items to assist Engineering, but the website could be portrayed as offering Engineering. A citation was issued.
10. Allegation of a business that is advertising engineering services. Investigation found the business is displaying items to assist Engineering, but the website could be portrayed as offering Engineering. A citation was issued.
11. Allegation of an unlicensed Engineering advertising Engineering work. Investigation found the individual has a LinkedIn account that appears to portray he is an Engineer. No license was found and a citation was issued.
12. Subject, a licensed Land Surveyor, was hired to do a survey for the complainant and while doing the work he treated her in an unprofessional manner. Lack of evidence of a violation of DOPL licensing laws and rules.

Valentines Day did you know?

- In Victorian times it was considered bad luck to sign a Valentine's Day card.
 - Based on retail statistics, about 3 per cent of pet owners will give Valentine's Day gifts to their pets.
 - About 1 billion Valentine's Day cards are exchanged each year. This makes it the second largest seasonal card sending time of the year.
 - Many believe the X symbol became synonymous with the kiss in medieval times. People who couldn't write their names signed in front of a witness with an X. The X was then kissed to show their sincerity.
 - Girls of medieval times ate bizarre foods on St. Valentine's Day to make them dream of their future spouse.
 - In the Middle Ages, young men and women drew names from a bowl to see who would be their Valentine. They would wear this name pinned onto their sleeves for on week for everyone to see. This was the origin of the expression "to wear your heart on your sleeve."
 - In 1537, England's King Henry VII officially declared Feb. 14 the holiday of St. Valentine's Day.
 - Richard Cadbury produced the first box of chocolates for Valentine's Day in the late 1800s.
 - More than 35 million heart-shaped boxes of chocolate will be sold for Valentine's Day.
 - Over \$1 billion worth of chocolate is purchased for Valentine's Day in the U.S.
 - 189 million stems of roses are sold in the U.S. on Valentine's Day.
- 

Make Your Mark in Your Business

Wednesday, February 17, 2016			
12:00-1:00	Registration		
1:00-1:30	Welcome – UCLS Annual Report – Opening Ceremonies Vendors Explain Survey Olympics at booth – Prizes		
1:30-5:00	OPUS-Projects Workshop Day 1 of 2 – Bill Stone		
1:30-3:00	2015 Update on UDOT Standards	ALTA/NSPS Standards Steve Keisel	Utah Water Rights Ross Hansen
3:00-3:30	Break/Survey Olympics		
3:30-5:00	2015 Update on UDOT Standards (repeat)	ALTA/NSPS Standards Steve Keisel (repeat)	Utah Water Rights Ross Hansen (repeat)

Thursday, February 18, 2016			
7:00-8:00	Late Registration – Breakfast		
8:00-5:00	OPUS-Projects Workshop Day 2 of 2 – Bill Stone		
8:00-10:00	Project Management Bootcamp, PSMJ – Keynote Speaker		
10:00-10:30	Break/Survey Olympics		
10:30-12:00	Project Management Bootcamp PSMJ (continued)	Certified Surveyor Technician Brad Daley	PLSS Sections and Lots, Tracts, & Parcels (BLM) Steven Hope
12:00-1:00	Lunch/Survey Olympics		
1:00-3:00	Project Management Bootcamp PSMJ (continued)	Field to Finish Shawn Herring	Case Studies, Original Corners (BLM) Daniel Webb
3:00-3:30	Break/Survey Olympics		
3:30-5:00	Project Management Bootcamp PSMJ (continued)	Field to Finish Shawn Herring (repeat)	Certified Surveyor Technician Brad Daley (repeat)
6:00-7:00	Installation/Awards Banquet (Surveyor of the Year – Lifetime Achievement)		
7:00-8:00	Entertainment (The Ericksen's – Southern Utah's Osmond's)		

Friday, February 19, 2016				
7:00-8:00	Late Registration – Breakfast			
8:00-10:00	Utah Property Rights Ombudsman, Brent Bateman – Keynote Speaker			
8:00-10:00	UDOT ROW Manual – James Olschewski			
10:00-10:30	Break/Survey Olympics			
10:30-12:00	UDOT ROW Manual (cont'd) James Olschewski	Surveyor as Expert Witness Mark Gregersen	NAD83 Evolution Bill Stone Sean Fernandez Val Schultz	Trig Star & Boy Scout Merit Badge Arthur L/ Brad M
12:00-1:00	Lunch/Survey Olympics			
1:00-2:30	UDOT ROW Manual (cont'd) James Olschewski	Investigating Unlawful and Unprofessional Conduct - DOPL Sharon Esplin	Title Insurance Gary Christensen Planning Comm. Nathan Fisher	Ten Mistakes Surveyors Make Mark Silver
2:30-3:00	Break			
3:00-3:30	Separate Into Chapters for a quick Chapter Meeting			
3:30-5:00	Closing Remarks – Survey Olympic Winners – Live Auction – Raffle			

Getting to Know our Members

Name: **Paul Ferry**

Residing at: **Henefer, Utah**

My spouse is **Jennilyn** and I am a parent of **5 children**.

My hobbies and/or interests include **sports, hunting, fishing, archery and tying flies**.

When I retire, I want to drive to **Alaska and hunt Caribou and bear with my archery equipment**.

I have been a member of the Utah Council of Land Surveyors since **2000**.

My current employer is **High Mountain Surveying**.

My position or title is **co-owner** and I am responsible for **everything my partner doesn't do and vice versa**.

I have been employed by this company since **2005** but have been involved in the surveying profession since **1994**.

I became a surveyor because **I enjoy the profession. The historical aspect to the work, especially searching for original stones.**

During the past **15 years, G.P.S. and the internet** have had the greatest impact on the surveying profession.

However, during the next **20 years, I believe government regulation will have the most influence on its future.**

In my opinion, the future of surveying is **bright, but I'm amazed at the percent of my time that is devoted to regulation and red tape instead of surveying versus 10 years ago.**



January 2016 - Where is it?



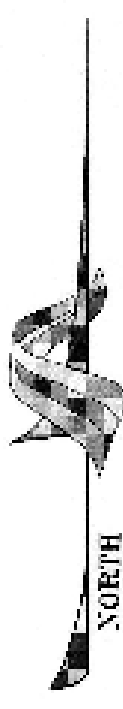

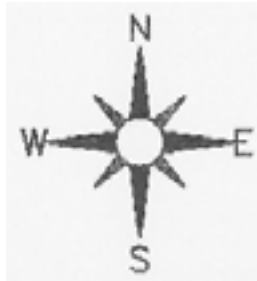


UCLS member Corbin Van Nest was the only surveyor to respond and correctly identify the January 2016 "Where Is It" contest. The Midway Ice Castles is a one-of-a-kind castle that is made entirely of ice. The ice castle features lofty ice towers, shimmering archways, glowing tunnels, and glossy walls - all made completely of ice.

Ice architect Brent Christensen started Ice Castles by building small ice structures in his Alpine yard in 2008. Now, over 300,000 visitors have seen his work, and he has built castles in Colorado and Minnesota. Christensen comes back to his roots this year with his first large-scale Ice Castle at Midway's town square, next to the ice rink. Christensen patterned his design for midway's castle after well-known geological features across the state, like slot canyons arches, and cave-like tunnels. Guests are invited to not only view the beauty of the structures but to squeeze and crawl through parts of the stunning display.

Each castle is created by hand using only icicles and water. Millions of icicles sparkle a glacial blue by a day and glow multi-colored at night with help of thousands of LED lights embedded in the ice. "Ice Castles really are one of the most unique and beautiful places on earth," Christensen says. "Every visitor gets a distinctive experience since the ice is constantly melting, freezing and being reshaped. It's an amazing, continuously evolving experience."

Which North Arrow belongs to which company?

	A	B	C	D	E	
1 EPIC Engineering						1 = _____.
2 JUB Engineering						2 = _____.
3 Aztec Engineering						3 = _____.
4 Salt Lake City						4 = _____.
5 Byrd Surveying						5 = _____.

Answers on page 10

Engineers' Conversion Table

1. Ratio of an igloo's circumference to its diameter = Eskimo Pi
2. 2000 pounds of Chinese soup = Won ton
3. 1 millionth of a mouthwash = 1 microscope
4. Time between slipping on a peel and smacking the pavement = 1 bananosecond
5. Weight an evangelist carries with God = 1 billigram
6. Time it takes to sail 220 yards at 1 nautical mile per hour = Knotfurlong
7. 16.5 feet in the Twilight Zone = 1 Rod Serling
8. Half of a large intestine = 1 semicolon
9. 1,000,000 arches = 1 megahurtz
10. Basic unit of laryngitis = 1 hoarsepower
11. Shortest distance between two jokes = A straight line
12. 453.6 graham crackers = 1 pound cake
13. 1 million-million microphones = 1 megaphone
14. 2 million bicycles = 2 megacycles
15. 365.25 days = 1 unicycle
16. 2000 mockingbirds = 2 kilomockingbirds
17. 52 cards = 1 decacards
18. 1 kilogram of falling figs = 1 FigNewton
19. 1000 milliliters of wet socks = 1 literhosen
20. 1 millionth of a fish = 1 microfiche
21. 1 trillion pins = 1 terrapin
22. 10 rations = 1 decoration
23. 100 rations = 1 C-ration
24. 2 monograms = 1 diagram
25. 4 nickels = 2 paradigms
26. 2.4 statute miles of intravenous surgical tubing at Yale University Hospital = 1 IV League
27. 100 Senators = Not 1 decision



Answers to North Arrow Question 1=C; 2=D; 3=A, 4=E, 5=B

2016 ANNUAL AWARDS BANQUET



- Utah Engineer of the Year
- Utah Educator of the Year
- Utah Fresh Faces of Engineering
- Utah's Outstanding MESA Teacher Award
- University Engineering Student Scholarship Awards

Friday, February 26, 2016

**Rickenbacker's Steak House in the
Ogden Airport Executive Terminal**
4282 S. 1650 West, Ogden, Utah

Social Hour 6:30 - 7:30 pm
(Book Signing/Networking with Utah Dignitaries)

Dinner 7:30 - 8:15 pm

Awards Presentation/Keynote Speaker 8:15 - 9:30

Keynote Speaker Bryce Gibby is an aviator, author, businessman, explorer, youth counselor and thoroughly entertaining presenter. A native of Utah, he was at one time the youngest certified Airline Transport Pilot in the U.S. at the age of 23. Prior to working as a DC-9 jet captain for Eastern Airlines, he explored various remote areas of Greenland, Iceland, and Europe. Speaking on this year's theme of aerospace and aviation, Bruce will survey the amazing aerospace technologies across the "Top of Utah" and how the Ogden Airport is positioned to play a key role in Utah's future development of buildings, land and air transportation.

For Tickets:

Visit the UEC website or contact Jed Lyman (jlyman@vbfa.com) or 801-530-3148

Completed Registration Form is required and may be found on the UEC website.

Regular Tickets	\$65
Students and Senior	\$45

Purchase of Table of 8 will receive priority seating.
Limited seating available. This will be a sell-out event!

Lead Banquet Sponsors



www.utahengineerscouncil.org

UEC is a non-profit organization

Engineering societies and companies wishing to set up a display table may do so. Please e-mail chris-perry@iee.org for reservations.