

The UCLS Newsletter



Volume 4 Issue 16

September/October 2016

Where - What is it?



Our thanks to UCLS member Ken Hawkes who submitted this month's "Where/What Is it?" challenge.

Be the first to correctly purpose and/or location of this unusual monument will become eligible for a free lunch at your next chapter meeting.

Answers may be emailed to Susan at srmerrill@ucls.org. The earliest date and time of response will determine the winner.

In this issue: Due to unforeseen conflicts and technical difficulties, the Newsletter for September and October were combined. This issue provides you with AGRC, NSPS, UDOT, and Property Rights Ombudsman information. Ad-

ditionally, we recognize two of our most outstanding members and invite you to participate with a monumental monument replacement.

To help in planning, this issue contains the latest information on the November UCLS Fall Forum and the Annual Conference in February.

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.

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"The most important thing is to
keep the most important thing the
most important thing."

-Donald P. Coduto

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Contributions are encouraged. Articles, Advertisements, Pictures, and Comments may be submitted to UCLS at ucls@ucls.org or uclsforesights@ucls.org

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Getting to Know our Members

Name: **Manfred Gulla**

Residing at **Salt Lake City, UT**

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

My hobbies and/or interests include **trips all over America and Europe, classical music, politics, surveying.**

When I retire, I want to **already retired.**

I have been a member of the Utah Council of Land Surveyors since **1985**

My current employer is **myself**

My position or title is **owner of Geodetic Surveys** and I am responsible for **various small survey projects.**

I have been employed by **several companies in Utah and Germany since 1964** and I have been involved in the surveying profession since **1964.**

I became a surveyor because **as a kid I saw often Surveyors doing work close to where I lived and me asking them too many questions. So it must've been hard for them to get rid of me. One day in 1963 a few engineers came to my class room looked for interested persons to start a career in surveying and I was so very much interested and excited about it because I never forgot the surveyors I've met years before. That's when I started taking school more serious. I completed 3 years of vocational training in surveying and later studied in Geodesy & Cartography at University of Technology Dresden.**

During the past 52 years, **advanced technology and education** has had the greatest impact on the surveying profession. However, during the next # of years, **as a retiree I still look to be somewhat involved in the survey business as much as I can to have some influence on its future. In my opinion, the future of surveying is not shrinking. On the contrary, the current domain to recognize opportunities beyond the boundaries of current working practices. Surveying is a different broader profession than it was years ago.**



Name: **Mark Gregersen**

Residing in **Davis County, UT**

My spouse is **Mona** who came with a horse 6 years ago when I married her. I am a parent of **3 children and 6 step-children, all now adults.**

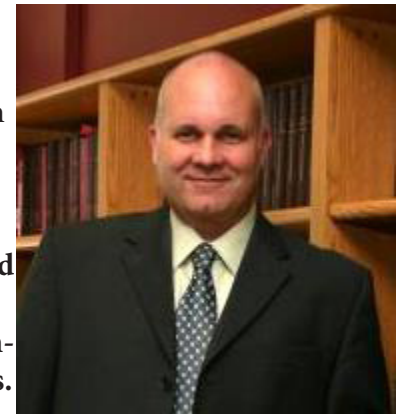
My hobbies include **1) spending time with my wonderful wife, and 2) land surveying.**

When I retire, I hope to **1) work on and survey some parcels I have acquired, and 2) serve a church mission.**

My current employer is **Gregersen Law** where I manage our law practice as to **consumer bankruptcy, criminal defense in federal court, and land boundary issues.**

I have been a member of the Utah Council of Land Surveyors since **2001.** I became licensed also as a surveyor because **surveying added another dimension to my practice of law, and has added a richness to my life. I love equally the sister professions of surveying and law, but I would rather hang out with surveyors than lawyers.**

As the future of land surveying: **The best predictor of the future is the past, which shows that surveyors must simultaneously 1) look backward to the historical underpinnings of land and its legal principles, 2) look forward to harnessing the efficiency of ever-changing technologies, and 3) look down as we keep our hands in the dirt. As to technology, jobs for filling station attendants and elevator operators disappeared as market forces entrusted consumers to perform these tasks themselves. The surveyor's technical tasks will change as consumers gain free access to information. The surveyor will retain the need for professional judgement. As schools de-emphasize boundary law just as seasoned surveyors retire, one trained in boundaries may after passage of time, be as a 1950s automobile - once an old car but now a rare treasure.**





News from Automated Geographic Reference Center

- **New 2016 High Res Imagery for Wasatch Front (& Torrey area too)**
 - [New 2016 high-resolution aerial photography](#), licensed from Google, is now available from the Discover server. Updated areas include the Salt Lake block (Utah, SL, Davis, & Weber Counties, plus nearby Wasatch Mountain and Park City areas) and a portion of the Torrey block that was previously partially obscured by clouds.
- **Major Update to Utah Trails Dataset**
 - This past month AGRC staff [completed a significant update](#) to the statewide trails GIS dataset. 2,964 miles of trails were added by integrating data published by USFS for Utah's National Forests, and over 190 miles of trails were also added from the Mountainland Association of Government.
- **Division of Water Rights Irrigation Canal Mapping Project**
 - In 2014, the Division of Water Rights was tasked by the Legislature to create [an inventory of irrigation canals in Utah](#). To complete the task, DWRi staff are working with data provided by water companies and using high resolution aerial photography.
- **ArcGIS Online will Replace Public SGID SDE Connections**
 - In light of advancements in ArcGIS that allow for new and improved access to data, AGRC has decided to discontinue application connects to the SGID SDE database **for those outside the state network**, on August 31, 2016. This will also allow us to apply a needed version upgrade to the database.
- **Contract Awarded for State LiDAR Data Collection**
 - AGRC recently [awarded contracts](#) for over 2,982 square miles of high resolution LiDAR elevation data to be collected in Utah this year. Project areas include the perimeters of the Great Salt Lake, Bear Lake, and Utah Lake, the Monroe Mountain area south of Richfield, and portions of Washington County.

For more information on these and other useful data, please visit the AGRC website at <http://gis.utah.gov/>



Question: Why do surveyors reject the work of others?

Answer: Before you criticize the other surveyor, perhaps you should walk a mile in their shoes. That way when you do criticize them, you will be a mile away from them and have their shoes.

Our thanks to Matt Peterson who contributed this article from the History of West Jordan by Bernarr S. Furse



Existing Fence
 Rebar / Cap (2012)
 Rebar / Cap (2014)
 ● Rebar / Cap (No ROS)

CONFLICTING MONUMENTS?

- Property is located in Salt Lake County
- All monuments reference the same property corner
- Four Record of Survey Plats were filed
- One monument does not have a filed record of survey plat
- One Record of Survey has no monuments

Our thanks to Brian Linam, who provided the interesting survey challenge.

HOW REDWOOD ROAD GOT ITS NAME

S. Ross Fox, responding on September 23, 1970, to an early question and answer in Deseret News, expressed skepticism about the "Do-It-Man's" version and instead offered his own "Story of Redwood Road":

In your paper of Sept. 2, 1970, you published. . . that Redwood Road was so named because a fence, supported by redwood fence posts, was constructed "to keep the military traffic in bounds." The "military" referred to Johnston's army which was stationed at Camp Floyd.

Maybe so, but I have a story which I think is more credible.

My grandfather, Jesse W. Fox, was territorial surveyor, and surveyed the road in question. My father had a farm on Redwood Road. The question arose in my mind as to why the name of Redwood Road was used when there never were any redwood trees in the valley. From my father I received the following answer:

The base meridian of the valley was a line running north and south from the southeast corner of Temple Square at South Temple and Main Streets to which all surveys must tie in. When it was necessary to survey plots in the west side of the valley, "over Jordan" River, they needed a line running north and south to tie into to avoid crossing the river on each survey to the base meridian. In surveying that line, they drove in redwood stakes for more permanence; and until it became a road, it was referred to as the "Redwood Line," and served as a second base meridian for all surveys west of the river. Later, when a road followed the "line," it naturally took the name of the line, and was called Redwood Road.





NEWS & VIEWS

National Society of Professional Surveyors

Young Surveyors Network – Now an Affiliate Member with NSPS

Daniel Kvall, President NSPS-YSN

NSPS-YSN has had a big year. Elections were held, Bylaws were approved, and now the Young Surveyors Network has officially earned NSPS Affiliate status with a non-voting seat on the Board of Directors. We've come a long way and we're only just getting started!

We are proud to announce the current leaders of NSPS-YSN: President Dan Kvaal (MN); Vice President Christopher Glantz (OR); Secretary Heidi Jackson (WA); and NSPS Delegate Amanda Askren (WA). YSN has grown quickly with 43 states now represented, and only Arkansas, District of Columbia, Hawaii, Illinois, Massachusetts, Mississippi, Nebraska, and South Carolina still looking for leaders.

NSPS-YSN is dedicated to connecting with and providing support for young surveyors nationwide. More information can be found [here](#).

The NSPS Young Surveyors Network defines a Young Surveyor as:

- surveyors aged 35 years or under
- students of surveying or those surveyors within 10 years of graduating from a Bachelor or Master's Degree.

Every surveyor is welcome to join to the group; however, the focus is to provide support for those individuals that meet the definition.

If you are not a member yet, please join today! [NSPS Young Surveyors Membership Form](#)

Our Mission Statement:

Promote - Ensure young surveyors are working together with NSPS to promote the surveying profession to the public by sharing materials, ideas and opportunities

Connect - Ensure young surveyors are connected with local and national surveying organizations and associations

Represent - Ensure young surveyors are present and represented at local and national surveying organizations and associations

Participate - Ensure young surveyors are engaged, active and have the opportunity to get a voice at local and national surveying organizations and associations

Join us at our 3rd Annual Meeting in Chandler, AZ!

The NSPS-YSN will be hosting a working day on Thursday, September 29th at the Wild Horse Pass Hotel and Casino in conjunction with the [NSPS Business Meetings](#). This meeting will be a time for young surveyors around the country to come and offer their thoughts and ideas to help progress our profession forward. If you are interested in attending, please contact your local or

August Where is it

Corbin Van Nest must have the quickest fingers and the fastest internet service of our membership.

Corbin was two minutes faster than Val Shultz and four minutes quicker than Peter Murphy to correctly identify last month's where/what is it contest. The location of an original stone monument having three notches on its South face and three notches on its East face would be the southeast corner of Section 16 - or the corner common to Sections 16, 15, 21, & 22.



Did You Know?

- That the oldest word in the English language is "town?" (a word so often used by surveyors)
- That the shortest complete sentence in the English language consists of only one word and that is "Go?"
- That according to the Oxford English Dictionary, the longest word in the English language is "pneumonoultramicroscopicsilicovolocanonkoniosis?" The definition is a pneumonconiosis cause by inhalation of very fine silicate or quartz dust.
- That there is a seven-letter word in the English language that contains ten words without rearranging any of its letters, and that seven-letter word is, "therein", which contains: the, there, he, in, rein, her, here, ere, therein, herein?
- That there are no words that could rhyme with the words, orange, purple, silver, or month?

And, then next time you call a business, don't forget to press "1" for English, so you can be connected to someone who you can't understand.




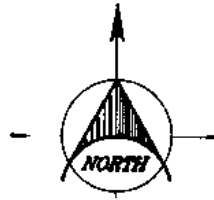
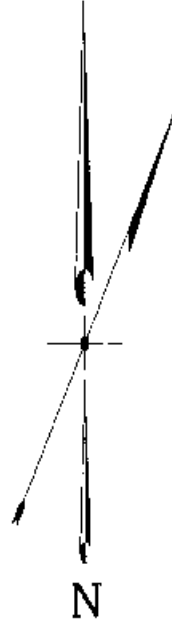


Fall Did You Know?

- Autumn has been called the “hectic beauty of death”
- Since ancient times, autumn has ranked as one of the most important times of year as daylight begins to fade and cold, dark days lie ahead. Because a good harvest is necessary for survival, many societies tried to ensure a good harvest by honoring various gods and goddesses. Some societies, such as Aztecs in ancient Mexico, even made human sacrifices to please the gods.
- Autumn babies, or those born between September and November, are more likely to live to 100 than those who were born in other times of the year.
- According to NASA, autumn is “aurora season” because geomagnetic storms are about twice as frequent as the annual everyday storm during the fall.
- A “Harvest Moon” is the full moon closest to the autumn equinox. Before artificial lighting, such moonlight was essential to a farmer’s successful harvest.
- During the fall, in response to colder temperatures and less light, leaves stop producing chlorophyll, the green pigment that helps capture sunlight to power photosynthesis. As the green fades, the leaf’s other pigments shine through, such as orange and yellow carotenoids and vibrant red anthocyanin.
- Scientists believe global warming could affect autumn colors. As the world warms, leaves may delay changing their colors. Additionally, trees may not use their sugars to create red pigments; rather, they might send that fuel to growing new twigs. Global warming may also alter the habitats of trees, such as the sugar maple, which creates some of the most vibrant fall colors.
- The autumnal equinox occurs on different dates each year, but usually falls on September 22 or 23. In 1931, the equinox fell on September 24 because the Gregoria calendar doesn’t always match up with the position of Earth in its orbit around the sun. The fall equinox won’t happen again on September 24 until 2303.
- The term “equinox” is from the Latin meaning “equal night.”
- Autumn begins when the center of the sun crosses Earth’s equator. As Earth continues its path around the sun, days become shorter and nights become longer, with the change most noticeable for those at higher latitudes.
- While Americans typically use the word “fall,” the British use the word “autumn,” though both terms date around the 16th century. Before these terms, the period was called “harvest.”
- People who live on the equator or central area of the planet never experience autumn.
- According to Greek legend, autumn beings when Persephone returns to Hades in the underworld. Heartbroken, her mother the goddess of grain and harvest, allows the crops on Earth to die until her daughter returns in the spring.
- The word “harvest” comes from the Old Norse word *haust*, which means “to gather or pluck.” As people moved to the cities, “harvest” fell out of use and city dwellers began to use “fall of the leaf” which was shortened to “fall.”
- During the spring and summer, most people eat more carbs. However, they develop a tendency for fattier foods in the autumn, which leads to seasonal weight gain.
- According to superstition, catching leaves in autumn brings good luck. Every leaf means a lucky month next year.



MATCH THE NORTH ARROW TO THE COMPANY

Company	A	B	C	D	E	
1 Iron Ridge Civil Solutions						1 = _____
2 Knox and Associates						2 = _____
3 Easterbrook Surveying						3 = _____
4 Lone Pine Surveying						4 = _____
5 Jones & Demille						5 = _____

Answers on page 10

Dastardly Deed

EXHIBIT "A"

A Tract of Land Lying within Section 13, Township 40 South, Range 37 East, and Section 18, Township 40 South, Range 38 East, Martin County, Florida and being more particularly described as follows:

Beginning at a concrete Monument, marking the Southeast corner of "Plat of Pahokee Cemetery", as recorded in the Office of the Clerk of the Circuit Court in and for Martin County, Florida, in Plat Book 1 at Page 95, said point also being the Southeast Corner of the Northeast Quarter of said Section 13, thence South 00 degrees, 11 feet, 00 inches West, along the East line of said Section 13, a distance of 683.80 feet, to a concrete monument on the Northeasterly boundary of a 150 foot wide tract described in a Special Warranty Deed from Independent Services, Inc. to Ben Hill Griffin, Inc. dated November 27, 1972; thence North 45 degrees, 29 feet, 05 inches West, along said Northeasterly boundary, a distance of 1191.70 feet to the Southerly right-of-way line of State Road No. 76, as recorded in Plat Book 7 at Page 47 on file in the Office of the Clerk of the Circuit Court in and for Martin County, Florida: Thence North 60 degrees, 53 feet, 30 inches East, along said southerly right-of-way line, a distance of 631.79 feet to the westerly boundary of "Spillway A" of the St. Lucie Canal; thence South 29 degrees, 06 feet, 30 inches East, along the Westerly Boundary of "Spillway A", a distance of 27.39 feet; thence North 89 degrees, 54 feet, 48 inches East, along the South Boundary of "Spillway A", a distance of 288.02 feet; to the East Line of said Section 13; thence North 60 degrees 53 feet, 30 inches East, along the South Boundary of "Spillway A", a distance of 90.82 feet; thence South 56 degrees, 19 feet, 15 inches East, a distance of 378.68 feet; thence south 00 degrees, 11 feet, 00 inches West, a distance of 271.00 feet; thence North 89 degrees, 59 feet, 00 inches West, a distance of 395.00 feet to the West Line of said Section 18, Township 40 South, Range 38 East and the Point of Beginning.

Containing 15. 64 acres more or less.

Subject to all easements, reservations, restrictions and rights of way.

Quit-Claim Deed recorded in Martin County Florida in 1993
Book 1004 Page 285



Office of the Property Rights Ombudsman
New Case Summary-Anderson v. Fautin

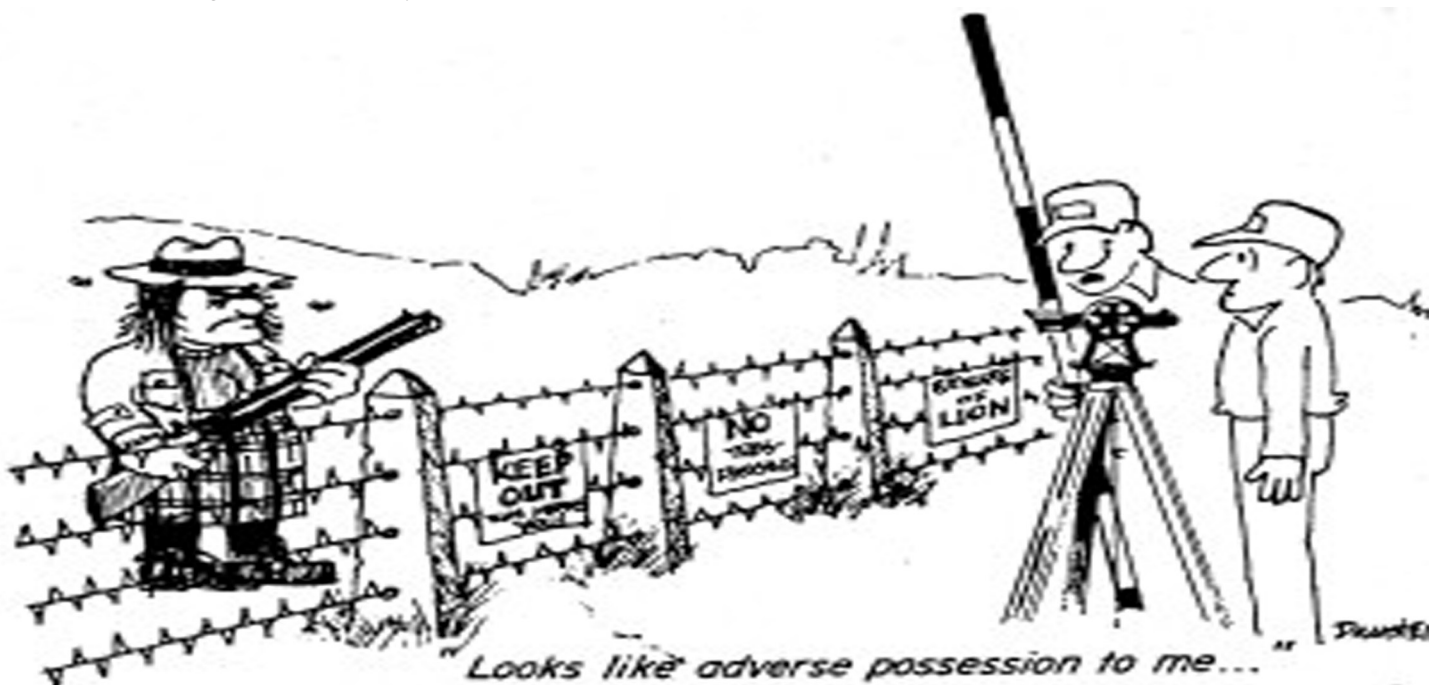
Utah Supreme Court

May 31, 2016

In this case, the Utah Supreme Court clarified that in a boundary by acquiescence dispute only the claimant must occupy his or her property up to the new boundary line. The court also outlined the policy reasons behind this clarification of the boundary by acquiescence doctrine.

Anderson and Fautin own adjacent parcels of land. A fence has divided these two parcels since before 1930. Fautin purchased her property in 1987 and consistently occupied the land up to the fence line. Anderson, however, did not use or visit his property for 26 years. In 2005, Anderson had the land surveyed and discovered that the fence was encroaching on his property. Fautin argued that under the doctrine of boundary by acquiescence, the fence now represented the legal boundary between the two parcels. In turn, Anderson claimed that the mutual occupancy requirement had not been met because he had not occupied his land up to the visible line. Both the district court and the appellate court held that the elements of boundary by acquiescence had in fact been met and that Fautin had title to the disputed strip of land. The Utah Supreme Court affirmed this decision and clarified the elements of boundary by acquiescence.

In the past, the court was inconsistent with articulating and applying the elements of boundary by acquisition because it had conflated the doctrines of boundary by agreement. They often required occupancy by both the claimant and the nonclaimant and looked for evidence of an implied agreement between the parties. In this decision, the court abandoned these views and clarified that the correct interpretation of boundary by acquiescence looks solely at the claimant's occupancy to determine whether the nonclaimant received adequate notice of the boundary line. Additionally, the mutual acquiescence element of the doctrine no longer requires evidence of an implied agreement. Rather, silence or indolence by the nonclaimant is enough to satisfy this standard. Through the doctrine of boundary by acquiescence, the court hopes to minimize litigation, promote stability in land ownership, and fill a gap in boundary dispute law.



FUNDRAISER

Please help support the re-monumentation project for the Tri-State Monument located at the corner of Arizona, Nevada, and Utah.

Donations are greatly needed in order to purchase the items needed to make this monument memorable to those that visit it.

With each **\$100.00** donation you will receive two drink coasters/paperweights of the modified monument design printed on a 4" diameter rhyolite stone.

You will also get your company logo placed at the monument site recognizing your generous donation. You will also get a special recognition at the 2017 UCLS Convention that will be held February 22-24, 2017 at the Dixie Convention Center in St. George UT.

The Arizona Professional Land Surveyors (APLS) has already generously donated \$700.00. Thank you APLS! The Utah Council of Land Surveyors (UCLS) has also generously donated a significant amount at \$1,000.00. We are waiting to hear back from the Nevada Association of Land Surveyors (NALS) to see if their board will also approve to donate to this cause as well. Their board meeting is coming next month.

Items needed to purchase are...

- 4' diameter granite stone
- Sandblasting the monument design on the granite stone
- Concrete
- 3'6" diameter sonotube
- (4) flag poles
- (4) flags – US, Arizona, Nevada, and Utah
- (4) flag pole solar led lights
- Plaque and pedestal
- Signs or location markers getting to the monument
- Restoration of the existing monument (to be displayed at the Washington County Administration Offices in St. George, UT)
- Miscellaneous odds and ends (steel pin, adhesives, etc...)

These items could cost upwards of \$8,000.00. Depending on the amount of donations will greatly depend on what we are able to purchase and provide for the site.

To donate please sent a check to...City of St. George c/o Todd Jacobsen, 175 North 200 East, St. George, UT 84770 (Make check payable to "**Todd Jacobsen**") or easily transfer the funds to...America First Credit Union – routing number **324377516** – account number **30844385**.

Please Note: Although this is a private account, know that it will be watched over and monitored by the APSL, NALS, and UCLS for any and all activity. Any remaining funds are to go back to APLS, NALS, and UCLS.

Please see the attached drawings of the monument and site design (sorry for the crappie 2D AutoCAD drawing).

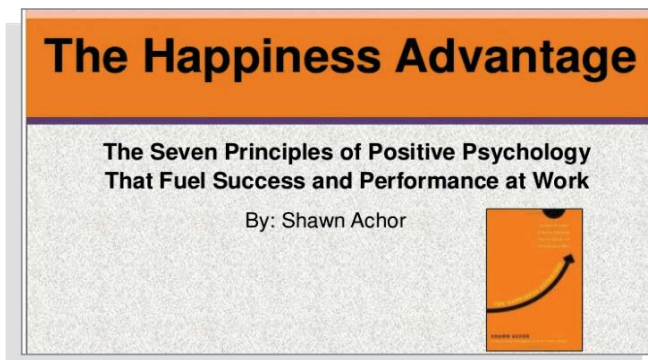


By: **Vincent Liu, PE**
UDOT Research Division

Book Discussion: Review of *The Happiness Advantage*

UDOT employees continue accepting the challenge to read the book, ***THE HAPPINESS ADVANTAGE***, by Shawn Achor. In the book, the author begins with a demonstration of the traditional view of the relationship between success and happiness. “Conventional wisdom holds that if we work hard, we will be more successful,” Achor says, “and if we are more successful, then we’ll be happy.”

With the author’s decade-long groundbreaking research in the fields of positive psychology and neuroscience, his studies have found that positive psychology or emotion can bring a competitive edge, success and greater performance in academic and business settings.



Shawn concludes that the following seven principles, quoted directly from the book, can help all of us to become more successful:

The Happiness Advantage - Because positive brains have a biological advantage over brains that are neutral or negative, this principle teaches us how to retrain our brains to capitalize on positivity and improve our productivity and performance.

The Fulcrum and the Lever - How we experience the world, and our ability to succeed within it, constantly changes based on our mindset. This principle teaches us how we can adjust our mindset (our fulcrum) in a way that gives us the power (the lever) to be more fulfilled and successful.

The Tetris Effect - When our brains get stuck in a pattern that focuses on stress, negativity, and failure, we set ourselves up to fail. This principle

teaches us how to retrain our brains to spot patterns of possibility, so we can see-and seize opportunity wherever we look.

Falling Up - In the midst of defeat, stress, and crisis, our brains map different paths to help us cope. This principle is about finding the mental path that not only leads us up out of failure or suffering, but teaches us to be happier and more successful because of it.

The Zorro Circle - When challenges loom and we get overwhelmed, our rational brains can get hijacked by emotions. This principle teaches us how to regain control by focusing first on small, manageable goals, and then gradually expanding our circle to achieve bigger and bigger ones.

The 20-Second Rule - Sustaining lasting change often feels impossible because our willpower is limited. And when willpower fails, we fall back on our old habits and succumb to the path of least resistance. This principle shows how, by making small energy adjustments, we can reroute the path of least resistance and replace bad habits with good ones.

Social Investment - In the midst of challenges and stress, some people choose to hunker down and retreat within themselves. But the most successful people invest in their friends, peers, and family members to propel themselves forward. This principle teaches us how to invest more in one of the greatest predictors of success and excellence—our social support network.

The final discussion of this book with UDOT Deputy Director Shane Marshall is scheduled for October 11 at 10:00 am in the Njord Conference Room. This discussion will focus on how UDOT employees have been applying the principles learned from the book. All interested UDOT employees are welcome to attend.

Copies of *The Happiness Advantage* or any other books from the discussion series can be checked out from Joni DeMille (jdemille@utah.gov) in the UDOT Library. Contact David Stevens (davidstevens@utah.gov) or Joni DeMille in UDOT’s Research Division for more information.

Word Find to Test the Mind

Created by Laurie Troutman

P L U M B B O B A G R C T O N T L I N E A R T R A A N S I T
 A R O D T M B N M P E R C O M P O T I O N S R O V D S P I N
 F G E N U I W Q B L B E S P T L M A O F Y R I G O J O D E N
 Y E T R G A I N T A L T A S R A U V S A O A F I N U K O N O
 T R I G P I G I E J R A A S I T L U V V R T R A N S I T I X
 E V E R S O T N I G P L A S T I N S E R E E F N O T U L E I
 R O L L O M N U U M O R P I N T O R T O H R M E N M T O A D
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 I D A C H U C K H W H Y T N O T D O I H T I M O N E T A N D
 O R S M I T P U M B A L N I O N K U O I N G R I N C H W E L
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 A N A L N F E R U S A E M T O N O H S I Y D O L B E M O S C
 L A T I T U D E F U N S U N U G G E T O F G L D E N T A R A
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 W O H A A T O C A N Y O U S A S E E H E R R E N O T H I E N
 C U O Y R A D N U O B R N A G S L U F T A R G M A P P I N G

WORD LIST

ADJUSTMENT	LATITUDE	PLAT
ALTA	LICENSE	PLUMB BOB
BASELINE	LINEAR	PROFESSIONAL
BOUNDARY	LOCATION	ROVER
CHAIN	LONGITUDE	SOUTHEAST
COMPASS	MAPPING	THEODOLITE
COMPUTATIONS	MASON DIXON	TITLE
DATA COLLECTOR	MEASURE	TOTAL STATION
FORENSIC	MONUMENT	TRACT
GEOMETRICS	NORTH	TRANSIT
GEOGRAPHIC	NORTHEAST	TRIPOD
GPS	PHOTOGRAMMETRY	VERTICAL
LAND	PIN	

Halloween Did You Know

- The first Jack O'Lanterns were actually made from turnips.
- Halloween is the second highest grossing commercial holiday after Christmas.
- The word "witch" comes from the Old English *wicce*, meaning "wise woman." In fact, *wiccans* were highly respected people at one time. According to popular belief, witches held one of their two main meetings, or *sabbats*, on Halloween night.
- Samhainophobia is the fear of Halloween.
- Fifty percent of kids prefer to receive chocolate candy for Halloween, compared with 24% who prefer non-chocolate candy and 10% who preferred gum
- The owl is a popular Halloween image. In Medieval Europe, owls were thought to be witches, and to hear an owl's call meant someone was about to die.
- According to Irish legend, Jack O'Lanterns are named after a stingy man named Jack who, because he tricked the devil several times, was forbidden entrance into both heaven and hell. He was condemned to wander the Earth, waving his lantern to lead people away from their paths.
- The largest pumpkin ever measured was grown by Norm Craven, who broke the world record in 1993 with a 836 lb. pumpkin.
- Stephen Clarke holds the record for the world's fastest pumpkin carving time: 24.03 seconds, smashing his previous record of 54.72 seconds. The rules of the competition state that the pumpkin must weigh less than 24 pounds and can be carved in a traditional way, which requires at least eyes, nose, ears, and a mouth.
- Trick-or-treating evolved from the ancient Celtic tradition of putting out treats and food to placate spirits who roamed the streets at Samhain, a sacred festival that marked the end of the Celtic calendar year.
- The first known mention of trick-or-treating in print in North America occurred in 1927 in Blackie, Alberta, Canada.
- Black and orange are typically associated with Halloween. Orange is a symbol of strength and endurance and, along with brown and gold, stands for the harvest and autumn. Black is typically a symbol of death and darkness and acts as a reminder that Halloween once was a festival that marked the boundaries between life and death.
- Ireland is typically believed to be the birthplace of Halloween.
- Scarecrows, a popular Halloween fixture, symbolize the ancient agricultural roots of the holiday.
- Halloween has variously been called All Hallows' Eve, Witches Night, Lamswool, Snap-Apple Night, Samhain, and Summer's End.
- Halloween was influenced by the ancient Roman festival Pomona, which celebrated the harvest goddess of the same name. Many Halloween customs and games that feature apples (such as bobbing for apples) and nuts date from this time. In fact, in the past, Halloween has been called San-Apple Night and Nutcrack Night.
- Harry Houdini (1874-1926) was one of the most famous and mysterious magicians who ever lived. Strangely enough, he died in 1926 on Halloween night as a result of appendicitis brought on by three stomach punches.
- Dressing up as ghouls and other spooks originated from the ancient Celtic tradition of townspeople disguising themselves as demons and spirits. The Celts believed that disguising themselves this way would allow them to escape the notice of the real spirits wandering the streets during Samhain.
- The National Retail Federation estimated nearly \$7 billion would be spent this year on costumes, candy and artificial cobwebs, about \$1 billion less than last year. That translates to an average of about \$4.79 less per Halloween reveler.



Surveyor Says What???

.....And My Other Brother Darrel

I am sitting in London, part way through the 2016 Annual General Meeting that has assembled what looks like 500 Ontario Land Surveyors in one event. And this pictures is a good example of what this event is full of...

Yup - elderly, balding, grey haired and basically grumpy men. There is a spattering of younger folks and even a spattering of women. There are a growing number of newer Canadians, adding a bit of welcome color to the predominantly white background. And this crowd of surveyors can be broken into two basic camps - which can be respectively represented by my brother Daryl, and my other brother Darrel.

Born as twins, 41 years ago, these two brothers took very different paths. Their differences became apparent just out of diapers, as Daryl celebrated this accomplishment by refusing any further contact with that ancient and restrictive cloth adornment. Darrel hung tight to the old ways, and refused to sleep without the comfort of this safety net. These boys were identical in looks but they were obviously destined to follow two different paths.



Daryl walked early and should have bought shares in BandAid, based on this own personal use of this product. He learned early that taking a risk might bring about a need for yet another BandAid, but it also led to a more fun and fulfilled life. My other brother Darrel liked to err on the side of safety and while Daryl was joining the lacrosse team, Darrel was signing up for the bowling league. Daryl did well in school, but was often sitting in the principal's office for some crazy stunt. My other brother Darrel was the school valedictorian and sacrificed some friend time to stay top of the class. Daryl sought out new adventures, while Darrel preferred to keep

things simple and stagnant.

These two lovely brothers of mine grew up (as much as boys can ever truly grow up) and became Ontario Land Surveyors. They learned really early on that they were not compatible as business partners. Their first team decision was to purchase a photocopier. Darrel wanted the bare bones model - black and white, no scanning bed, no wireless capabilities, no ledger size, no bells. It was affordable, but offered limitations on what it could do. My other brother Daryl wanted a bigger model that they could grow into - color for better products for the clients, high-resolution scanner, it could collate, duplicate and even staple. Daryl and Darrel discussed the matter - at first with well presented arguments, then with colorful language and eventually with fists. They both won. Daryl bought his high-end model and hung his shingle at 101 Opportunity Road. My other brother Darrel bought his entry-level photocopier and had it delivered to his office at 13 Dead End Row.

Daryl was energized by new opportunities and was often putting his business at risk to enter new markets and to add innovation. My other brother Darrel limited all his risks. He built a loyal local client list. He slept well every night, made a decent living and knew every day what lie ahead of him. Daryl was always at the bank requesting financing for another new opportunity. He lost sleep - some nights worrying if this new venture would every pay off; and some nights because he just could not wait to get back to the office to work on a new and exciting project. When Darrel got together with his bowling buddies, he would make fun of his overzealous, over achieving twin.

At this year's AGM, Daryl spoke passionately about the need for a province wide survey records index (PWSRI). It would lead to better research industry wide, leading to better surveys for the public. Daryl went off on one of his famous rants in an effort to spark some enthusiasm in the room. He used power words like "progressive" and "professional obligation". My other brother Darrel paid little attention to the mad rantings of his evil twin. Darrel was consumed with other, more real, problems. When was he going to fit in that AutoCAD training? How was he ever going to pay for the new GPS receiver. And - holy crap - he forgot to purchase toilet paper before coming to the AGM. He was going to pay dearly for this major tactical error.

Continued on page 18



...And my Brother Darrel continued...

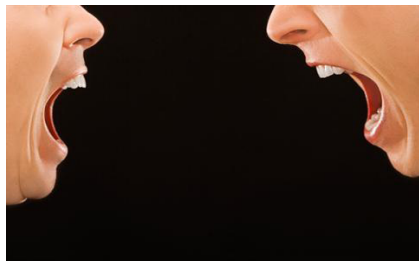
At this year's AGM, Daryl spoke passionately about his support for the Ontario Digital Cadastre Corporation (ODCC). Brother Daryl sees ODCC as an opportunity for the industry to amass their collective strengths and offer products and services that no member could offer alone. Daryl spoke about the unique position surveyors were in and how they had this chance to monetize this unique position. Daryl spoke of his own experiences where the cost of creating digital records was recovered over time and that he was positively positioned to take advantage of opportunities that were now arising. Daryl quoted Mark Zuckerberg... "The biggest risk is not taking any risk. In a world that changes really quickly, the only strategy that is guaranteed to fail is not taking risks." Daryl urged his colleagues to act before the opportunity was lost to other more proactive organizations. My other brother Darrel was once again wallowing in his own thoughts. He had no time to think about the future as he was consumed with just getting through the day. A typical work week for Brother Darrel sits around 60 hours, and the last time he was able to take areal vacation was a distant memory. He liked to call Daryl a sissy for going on those big European vacations that took him away from the office for weeks at a time. Real men, and of course all surveyors should be real men, are not afraid of long hours. And then he remembered that he forgot to get stamps too! What was he thinking to leave the office for 3 days with no stamps. How would those plans ever make it to the clients?



At this year's AGM, Daryl spoke passionately about the need for more business training for those members who own businesses. Business training would allow them to understand the need to make changes that would generate profit. Without profit, we are not only hurting our own business, but damaging the whole industry. Brother Daryl argues that there is a big difference between those firms running a surveying business and those businesses that offer surveys. Business growth requires change and innovation and proactive measures. We need to assess Key Performance Indexes and utilize strategic planning and follow budgets. My other brother Darrel laughed from his seat. Who needed all those pie charts and flow charts and organizational charts and line graphs and analysis. All one needed to do was work hard and the rest would take care of itself. Then Brother Darrel remembered that he was supposed to but PostIt notes. Darrel needed a PostIt note to remind him to get PostIt notes. Double crap.



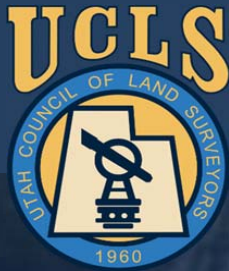
My two brothers Daryl and Darrel have taken very different paths with their businesses. Daryl has almost weekly conversations with his banker and with this long-term business consultant. He works ON the business. My other brother Darrel considers bankers the scourge of this planet, and sees no need to waste money on business development. He works IN the business. One of them drives a Mercedes and was able to donate \$100,000 year-old Ford Taurus stations wagon and worries about where he is going to find the space to fit in another rusty mismatched 5 drawer filing cabinet. The arguments continue and family functions are now often just a theatre for the latest debate. Daryl is always going on about how you need to spend money to make money. Darrel sticks to his guns that there is more to life than money. I do my best not to listen to either one of them. Daryl loves sayings like "If you are offered a seat on a rocket ship, you do not ask which seat - you just jump at the chance." While my other brother Darrel speaks of FOCUS - Follow One Course Until successful. Daryl retorts, "You call that successful?", to which Darrel replies "You are a moron". "At least I am a rich moron". "Are not." "Am too." "Are Not." "Am too."



Me - I am stuck in the middle of the insanity. If you have an extra setting at your Christmas dinner table, please please please, send me an invitation. I gotta know though, are all surveyors this crazy?



Author unknown but reprinted from the website: <https://surveyorsayswhat.wordpress.com>



UTAH COUNCIL OF LAND SURVEYORS FALL FORUM 2016

Partial funding for this educational opportunity has been provided by the Utah Department of Commerce, Division of Occupational and Professional Licensing and the Education Enforcement Fund.

SURVEY TECHNICIAN TRAINING

NOVEMBER 11-12, 2016
8:00AM - 5:00PM, RM CS711
UTAH VALLEY UNIVERSITY

**Fall Forum: CST Exam
Preparation the 11th**

CST Exam Day the 12th

What will be taught?

The Fall Forum will consist of CST Exam Preparation Review (**YOU DO NOT NEED TO BE TAKING THE EXAM TO ATTEND the Fall Forum**)

Level 1 CST Exam

A *basic* knowledge of field operations and types of surveys as well as familiarity with field equipment and procedures used in these functions. Additional skills required include computational ability, survey note taking, drafting/CAD, and map reading. *No experience or surveying education*

Level II CST Exam

Level I knowledge plus a *more* knowledge of comprehensive field note taking, plan reading and preparation. Detailed working knowledge and application Field: standard field equipment Office: of related computer hardware and software.
Field: 1.5 years of surveying experience
Office: 1.5 years of surveying experience

Training for whom:

Office and Field Survey Technicians, Engineers, Grade Checkers, Crew Chiefs and Crew members, Excavators, Contractors, Students, etc.

Registration Deadline Oct 31

Fall Forum Registration on the UCLS website <http://www.ucls.org> Exam not Required, but late fee applies +\$10

CST Exam Registration at <http://www.nsps.us.com> and navigate to Programs then Certified Survey Technician (CST)

What will it cost:

UCLS Fall Forum on the 11th Fees include lunch and materials. Non-student \$25, Student \$10

NSPS Exam on the 12th Application Fees:
Student/ Veterans Examinee: \$120.00
All Other Examinees: \$180.00

Questions Contact Dan Perry at danperry.mba@gmail.com

UVU GEOMATICS
PROGRAM

UTAH VALLEY UNIVERSITY

Fall Forum Location:
800 W. University Parkway
Orem, UT 84058
Computer Science Bldg, Rm CS711

The UCLS Board has decided to change the Fall Forum to focus on our Survey Technicians but implementing exam preparation and testing for the NSPS Certified Survey Technician (CST) program. We would like your support for your Survey Technicians (non-licensed surveyors) by sending them to the Fall Forum this year.

Also please register them to take a Level 1, 2, or 3 exam on November the 12th and attend the Fall Forum on November 11th to assist them in preparing for the exam of their choice.

If you have questions please contact me at danperry.mba@gmail.com
THE REGISTRATION DEADLINE is OCTOBER 31st, 2016 (Halloween)



2017 ANNUAL UCLS CONFERENCE

Together Towards Tomorrow

Wednesday, February 22, 2017		
12:00-1:00	Registration	
1:00-1:30	Welcome – Opening Ceremonies	
1:30-3:00	The Law of Easements Jeff Lucas	Drones Bryan Baker
3:00-3:30	Break	
3:30-5:00	The Law of Easements (continued session) Jeff Lucas	Drones (continued session) Bryan Baker

Thursday, February 23, 2017		
7:00-8:00	Late Registration – Hot Breakfast	
8:00-10:00	Boundary and Boundary Law – Deeds, Conveyances and Boundaries Jeff Lucas	Discrepancies in the Official Record (2 CFedS Credits) Ron Scherler
10:00-10:30	Break	
10:30-12:00	Boundary and Boundary Law – Deeds, Conveyances and Boundaries (continued session) Jeff Lucas	Discrepancies in the Official Record (2 CFedS Credits) (continued session) Ron Scherler
12:00-1:30	Lunch – Vendor's/Officer Announcements/Surveyor of the Year Award	
1:30-3:00	Boundary and Boundary Law – Deeds, Conveyances and Boundaries (continued session) Jeff Lucas	Discrepancies in the Official Record (2 CFedS Credits) (continued session) Ron Scherler
3:00-3:30	Break	
3:30-5:00	Boundary and Boundary Law – Deeds, Conveyances and Boundaries (continued session) Jeff Lucas	Discrepancies in the Official Record (2 CFedS Credits) (continued session) Ron Scherler

Friday, February 24, 2017				
7:00-8:00	Late Registration – Hot Breakfast			
8:00-8:40	Professional Ethics Dan Perry	Using AutoCAD Civil 3D for Coordinate Transformations Tyler Jenkins	The What and Why of Boundary Acquiescence Mark Gregersen	The Art and Accuracy of Writing Legal Descriptions Steve Keisel
8:40-8:50	Move to next Breakout Session			
8:50-9:30	Professional Ethics (repeat session) Dan Perry	Using AutoCAD Civil 3D for Coordinate Transformations (repeat session) Tyler Jenkins	The What and Why of Boundary Acquiescence (repeat session) Mark Gregersen	The Art and Accuracy of Writing Legal Descriptions (repeat session) Steve Keisel
9:30-10:00	Break			
10:00-10:40	Professional Ethics (repeat session) Dan	Surveying in Israel Mike Nadeau	FEMA Rick Rosenberg	NGS Update Bill Stone
10:40-10:50	Move to next Breakout Session			
10:50-11:30	Professional Ethics (repeat session) Dan	Surveying in Israel (repeat session) Mike Nadeau	FEMA (repeat session) Rick Rosenberg	NGS Update (repeat session) Bill Stone
11:30-1:00	Lunch – Vendor's/UCLS Business/Lifetime Achievement Award			
1:00-1:40	Separate Into Committees: Membership, Public Relations, Legislative, Education, Publication, Workshop & Convention, Standards & Ethics, Testing, Historical, Construction Surveying			
1:40-1:50	Move to next Breakout Session			
1:50-2:30	Professional Liability Von Hill Dan Bradshaw	Acquiescence Law and Boundary Surveying in Utah Leon R. Day	County Surveyor's Devron Andersen	Protecting our Profession: The Case for a Certified Legal Description James J. Coutts
2:30-3:00	Break			
3:00-3:40	Professional Liability (repeat session) Von Hill Dan Bradshaw	Acquiescence Law and Boundary Surveying in Utah (repeat session) Leon R. Day	County Surveyor's (repeat session) Devron Andersen	DOPL and You; Licensure, Ethics, and Education for Surveyors Scott Bishop
3:40-3:50	Move to Ballroom A-D			
3:50-5:00	Closing Remarks – Auction – Raffle			

Saturday, February 25, 2017	
8:00-12:00	Tri-State Monument Field Trip – Ribbon Cutting Ceremony
This portion of the Convention is not required, but will be for those that would like to see the new monument that was placed at the Tri-State corner of Arizona, Nevada, and Utah	