COVER STORY
Alumni Spotlight on Doug Veenker, the Area Manager with Sunroc for the Payson Temple, p. 14
Faculty
This past year Evan Bingham was hired as a faculty member of the Construction and Facilities Management program. He recently completed his PhD from Arizona State University. Evan is teaching the Scheduling and the Light Structures courses. To get to know Evan better, please see page 7.

Student Competitions
I would like to thank all the students who participated in the competitions this last year. They put in a lot of time and effort and represented BYU extremely well. The Associated Schools of Construction Mixed-Use team placed first in the problem sponsored by Layton Construction. We have a lot of younger students in the program and look forward to their participation in the student competitions.

Graduate Program
The graduate program is doing well and the students are producing great research. Topics that students have worked on this past year include strategies that companies used during the last recession, repercussions of building inspector retirement in Utah, and BIM in residential construction. For more information on the graduate program, see page 6.

Undergraduate Program
The enrollment numbers are increasing in the undergraduate program. The internship opportunities for our student are amazing. Many companies are hiring our freshman and sophomore students into opportunities which historically have been filled by sophomores and juniors. These opportunities will enhance their education and strengthen the students’ resumes.

If you would like to arrange a company information session with students to talk about job opportunities that you have, please send an email to sot_advisement@byu.edu.

Accreditation
This past year, the Construction Management program switched accreditation organizations. During the summer of 2014, the program submitted a self-study report to the Accreditation Board for Engineering and Technology (ABET) and then was visited by an accreditation team during October. The visit went well and it is anticipated that we will receive accreditation through ABET in July of 2015. ABET is the most widely recognized technical accreditation body in the world.

Kevan R. Miller
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Weekly Seminars

Each Thursday, CFM students meet in the Benson building and hear from industry professionals. The weekly seminars are influential because students learn about the breadth and depth of Construction and Facilities Management. Many students have said that once they attended seminar, they knew this was the major for them. Seminar provides an opportunity for industry professionals to talk about their day-to-day tasks and how they creatively solved problems they have faced. Each week features a different speaker that presents on a project they have worked on, discusses how to develop the soft skills needed for the industry or inspires students about the major.

While some speakers are industry professionals working in the facilities management or construction management field, the speaker can be chosen from any field as long as they provide a valuable learning experience.

Speakers often teach by using stories and examples from their years of experience. These 30-40 minute presentations are valuable learning opportunities for the students because they provide a window into real world problems and solutions that they might face after graduation. Students have discovered where they want to work or what field they would like to pursue by listening to these speakers and networking at the lunches afterwards.

Seminar topics include the development of interpersonal skills of communication, character, ethics, people management, leadership, personal habits and other traits essential to success in a management industry. Speakers come from all over the country and positions have ranged from CEOs to city planners.

If you, or someone in your organization, are interested in being a speaker for our weekly seminars then please tell us what topic you would be willing to teach and your availability by filling out this short survey: https://tinyurl.com/CFMseminar.
Program Statistics

At A Glance
Construction Management

- **$60,000** average starting salary
- **90%** job placement upon graduation
- **Over 150** Awards
- **$62,000** awarded in scholarships
- **90%** student involvement in CM clubs and activities

Our graduates work all over the country!
Have you ever considered getting a graduate degree? If you answered “yes,” then we encourage you to consider pursuing the Construction Management master’s degree. It is a great way to enhance your resume, sharpen your skills, and, for many, fulfill an inner desire to obtain as much education as possible. By furthering your education, you just never know what additional doors may be opened up to you.

The CM master’s degree continues to be a key element within our program. While the undergraduate degree focuses on preparing students to manage construction projects, the graduate program has been tailored to prepare and strengthen individuals in managing construction companies. Required coursework includes construction company human resources, managing risk in construction, construction company financial management, construction company development, technology leadership and trends and issues in managing construction. These courses are similar to the type of material that a student would receive in an MBA program, but with content specific to construction companies. Graduate students also have the opportunity to take at least six elective credits from other places on campus, with most students selecting classes from the business school.

CM graduate students also have the opportunity to participate in meaningful research. Our graduates often note that working on research and writing a thesis is one of the most valuable experiences they receive from the program. The thesis experience gives students the opportunity to be involved in defining and solving real-world problems that occur within the construction industry and then sharing that knowledge by publishing their findings.

For more information about the construction management graduate program at BYU, please check out our graduate brochure on our website. When many of our students graduate with their bachelor’s degree, they tell us that they will be back in graduate school someday. If this was you, we look forward to hearing from you!

For More Information:
visit cm.byu.edu
email cmmasters@byu.edu
call (801) 422-2021
Evan Bingham grew up in the small town of Eagar, Arizona, as one of 11 children. As a kid he worked for his dad building homes and commercial buildings. He began his undergraduate education at Eastern Arizona College and transferred to BYU to receive his bachelor’s in construction management. He completed his master’s degree in construction management and doctorate degree in civil engineering at Arizona State University.

While working on his bachelor’s degree, he received his general contractor’s license and owned his own general contracting business. He focused mainly on commercial and residential projects. After graduating, he worked for Okland Construction and was a part of the City Creek project in Salt Lake City.

After receiving his PhD from ASU last year, Bingham began teaching in the BYU Construction & Facilities Management department in September 2014. He currently teaches Construction Scheduling and Cost Control (CFM 412) and Light Structural Systems (CFM 210), and will teach Concrete and Job-Site Layout (CFM 217) next fall.

“I love utilizing hands-on techniques into my lessons,” Bingham said. “Seeing students get dirty for the first time is one of the best parts about the classes I teach.”

Bingham loves teaching and has enjoyed his time thus far at BYU. “I always want to be learning,” he said. “My favorite part about teaching is knowing that I can leave some kind of legacy and make a difference by teaching future industry professionals.”

It is important to Bingham that what he teaches his students is applicable in the field as well, so he uses his past work experiences while teaching. “I try to make all assignments and activities mirror as close as possible to a real job site or a real world setting,” he said.

“If it’s not something they do in the real world, then there is no point spending time learning it in a classroom setting.”

Bingham served in the Uruguay Montevideo mission from 2000 to 2002 and married his wife Marcia in 2003. He met her when they were both summer counselors for Especially For Youth, and followed her to other camp locations for the rest of the summer. Together they have five children, two girls and three boys. The oldest is 10 and the youngest is one.
The 2014 CM Alumni and Friends dinner held in the Hinckley Center on Oct. 2, 2014 was a great success. More than 200 guests attended which included a combination of alumni, industry professionals and students. The event renewed friendships, created new contacts and mentored current students.

Brent K. Pratt received the 2014 Jay S. Newitt award. This award recognizes an individual who has used their sphere of influence to better the construction industry. He joined Foulger-Pratt in 1973 and has helped lead the company since the beginning. He created the Brent K. Pratt endowment for the Construction Management program in 1999. This endowment has been a great blessing to the program by benefitting the students and faculty.

Ryan Bulloch was awarded the Outstanding Student Award for his consistent engagement in mentoring students in construction management. Ryan is always willing to help his fellow students. Clifton Farnsworth was awarded the Brent K. Pratt Professorship. Clifton has demonstrated dedication to the program and is an excellent teacher. Additionally, he passed his third year review in 2014.

The keynote speaker, Brent Roberts, is the worldwide managing director of special projects for The Church of Jesus Christ of Latter-day Saints. He spoke about temple construction and the spiritual aspects that emerge from these projects.

Next year’s CM Alumni & Friends Dinner will be held on Oct. 1, 2015, the Thursday before General Conference. The event has proven to be a great way for students to network with companies and alumni and we hope to see you there.

Night of Networking

On Sept. 19, 2014, the BYU Construction Management Student Association (CMSA) hosted the annual mentoring golf tournament. The event took place at Sleepy Ridge Golf course in Orem, Utah. Students were paired up with industry professionals in four-man teams that encouraged networking while enjoying a round of golf. The tournament provided a friendly environment that allowed students and professionals to get to know each other without the pressure of formal recruiting events and interviews.

The event included food, prizes and games at the holes. These special holes included sinking a putt with a 2x4 and a toilet bowl challenge, which required that the golfer maintain contact with the toilet as they tee off. “It was a fun environment to network with professionals while golfing,” said Ryan Christofferson, winner of the longest 2x4 putt. “It helped me to decide that this is the major I want to pursue.”

Next year’s golf tournament will take place on Friday, Sept. 25, 2015. Companies and individuals are welcome to participate and mentor current students. If you are interested in attending, please email Justin Weidman at justinweidman@byu.edu.
Nine teams comprised of 58 students represented the BYU Construction Management department this year in various construction competitions across the country. The competitions allowed students to use the many skills they have been learning in the classroom and apply them to real situations. Students also receive school credit for participating.

BYU CM returned to the Associated Builders and Contractors (ABC) competition which was in Miami, Florida. “This year’s problem stretched our students and they learned skills that will propel them in their future careers,” faculty member Justin Weidman said.

Participants prepared for the competitions by meeting with industry professionals, visiting job sites and presenting together as a team. “Being able to show industry professionals all of the work and preparation that you’ve done is satisfying,” said student Josh Moffat, who competed in the commercial category at the ASC competition as well as on the ABC team.

BYU’s mixed use team for the ASC competition placed first. “Competing equates to years of education compacted into less than 48 hours,” said student M. Forrest Hendrickson, who was on the mixed use team.

“Competing equates to years of education compacted into less than 48 hours.”
- M. Forrest Hendrickson

BYU CM’s 2015 ASC Competition Team in mixed use placed first.
Hutch’s 9th Annual Friends of CM and CM Alumni Fly Fishing Reunions (July and October 2014) were once again a huge success.

The first reunion, held in July in Island Park, Idaho, featured internationally known fly fisherman and author Phil Rowley along with BYU aquatic entomologist Dr. Riley Nelson. About two dozen fly fishermen enjoyed several days of fly fishing and classes taught by our special guests. We spent two full days fishing on Sheridan Ranch with its 400-acre lake and five-miles of spring creek. These private waters once again yielded some impressive trout, and the weather was beautiful. Fly fishing classes focused on summer hatches and many fishermen in our group participated in bug collection and identification studies conducted by Dr. Nelson. Others were unable to pull themselves away from the actual fishing.

Our October 2014 reunion featured Don Allphin, fishing editor for Utah Valley’s Daily Herald, as our special guest. Don discussed his lifetime of fishing experiences and exploring in Yellowstone National Park, just a hop, skip, and jump from our Island Park reunion. Because we had only two cabins available, attendance was limited to about a dozen fly fishermen. Once again we focused our attention on Sheridan Ranch waters where everyone caught fish and had a great time.

This summer marks our tenth consecutive year of CM fly fishing reunions. Hutch’s 10th Annual Friends of CM and CM Alumni Fly Fishing Summer Reunion is scheduled for Jul. 13-16, and due to popular demand Phil Rowley will be joining us again as our guest instructor. As usual, we will stay in Island Park, Idaho and will focus our fishing on Sheridan Ranch waters. The 2015 summer reunion was completely booked within a few days of the first announcement, and I am looking forward to fishing with some veteran reunion attendees and a handful of first-timers.

For those who were unable to register for the July 2015 trip and still want to fish with us this year, we are tentatively planning a fall reunion in September or October. Details will be forthcoming on LinkedIn and via email to those who are on our CM mailing list. As always, space will be limited, and a handful of fishermen have already reserved their spots. For more information on our fly fishing reunions feel free to call me at (801) 422-6489 or to email me at mark_hutchings@byu.edu.

As always, I am looking forward to more great fly-fishing adventures with CM Alumni and friends of our program this summer and fall and into the future. May you always dream of large fish!

Hutch
Students and Industry Members Fly Fishing Retreat

Thanks to generous donations by Hughes Contractors, Edge Homes, Magleby Construction, Raykon Construction and Stirling Broadhead, a handful of lucky students enjoyed a one-day fly-fishing adventure last November to the LC Ranch in Altamont, Utah. During the last three years, CFM students have been selected to participate in this Industry/Student Mentoring event and have rubbed shoulders with building professionals from sponsoring companies. All of the industry participants love to fly fish, and most are CM alumni. The private waters of the LC Ranch on the south slope of the Uinta Mountains provide a beautiful setting for this annual event, and everyone had a chance to catch trophy trout. A couple of the students have even “caught” internships and full-time jobs from participating companies.

One of the unique things about these outings is that in order to attend, students first had to respond to a specific essay question. Participants were selected by industry members and faculty. Questions from past years include: “How do we know that Peter was a fly fisherman?”; “How is fly fishing like missionary work?”; and “How is dating, courtship and marriage like or unlike fly fishing?” Winners were students with the best and most creative answers.
J.S. Newitt Award

The Construction Management program at Brigham Young University will be honoring Paul Magleby with the Jay S. Newitt Award at our annual CM Alumni & Friends Dinner on October 1, 2015. This award is given to one individual each year who has made a great impact in the construction industry in their sphere of influence over their career.

Paul Magleby
Voice of Authority

After graduating in 1974 from BYU with a degree in Building Construction Technology, Paul Magleby started Magleby Construction with a classmate by framing homes and doing general contracting work. In the early 90s, he built homes for the founders and corporate officers of WordPerfect, which propelled him into the high-end residential market. Since that time, he has built his business around custom homes, but has also been involved in a number of commercial projects as well.

Paul places great emphasis on delivering the highest level of quality and customer service to his clients. For the last 25 years, Magleby Construction has owned and operated their own cabinet shop, performed framing and finished carpentry, and excavated their own sites. He is always reinvesting back into his company to continually improve and maintain the company’s reputation of professionalism and quality.

In addition to his commitment to his own company, Paul has strived to also give back to the industry he has been a part of. He has been involved with the National Association of Home Builders (NAHB) and has been on the National Board of Directors for over 20 years. He was named the first National Custom Builder of the Year in 2007 by the NAHB and was also awarded the Lifetime Achievement Award by the Home Builders Association of Utah (HBA) in 2014. These awards can be attributed to his belief in excellent customer service and professionalism, contributions to the industry, and involvement in the community.

Paul Magleby has been influential in the construction industry because he has always felt the need to freely give of his time and interests. He’s passionate about innovative building science. He has hosted many educational seminars in Utah to
help teach other home builders about the latest technologies in the industry. He believes that as the level of education rises among home builders, the entire homebuilding industry will benefit from the increase in performance. He has given of his own personal funds to help the HBA, and also has been involved at a political level to help protect the interest of the homebuilding industry.

He is a great mentor to new builders in the HBA. He always extends his friendship and offers advice and encouragement for those who are beginning in the industry.

Paul Magleby sat on the Industry Advisory Council for the Construction Management department for a number of years and has always placed priority in hiring from BYU and employing young professionals that want to be involved in residential construction.

“If you were to ask people in the industry to describe Paul Magleby, a common description of him is that he is the voice of authority,” said Chad Magleby, Paul’s son and current president and CEO of Magleby Construction. “What Paul Magleby says and does, others try to implement and follow.”

His excellent reputation in the industry has come from his persistence of building excellence and never compromising quality to fulfill the client’s dreams.

“What Paul Magleby says and does, others try to implement and follow.”
- Chad Magleby, CEO of Magleby Construction
Doug Veenker
Climbing the Ladder

While growing up, Doug Veenker learned a lot about construction from his dad as they worked on home additions and built a family cabin. When he told his high school counselor that he was interested in going into the construction field, his mom gave him the look of, “No, you’re going to be a doctor or an accountant.” After beginning school at BYU, he began working for the grounds crew in site development. His boss told him about the construction management program and believed that Veenker would enjoy studying construction. “I had no idea that there was a Construction Management program,” Veenker said. “As I started looking into the program and learning about the classes offered and the placement opportunities, it looked like a career I’d want to go into.”

After his sophomore year, Veenker began an internship with Geneva Rock, one of the major civil construction companies in Utah. He worked there for two years while he finished his degree. Upon graduating in 2001, Veenker started with Geneva Rock full-time as an estimator/project manager. Shortly after he was hired, the Clyde Companies acquired HE Davis and Sons, to which Veenker was transferred where he continued to work as an estimator/project manager. He was promoted to chief estimator in 2005. After four years of operating as HE Davis Construction, the company was merged with Sunroc Corporation and Veenker was promoted to area manager in 2006. “I’ve been working basically for the same company ever since I graduated,” he commented.

Veenker’s degree in Construction Management from BYU has helped him greatly in his career. “The employment opportunities I’ve been presented with wouldn’t have been available without a degree,” he said.

Many of the classes Veenker took are still relevant to his job now. One of the classes he is most grateful for is the drafting class, CM 105, because of the knowledge gained about CAD. “A lot of our equipment has machine controls on it, which means we can build a 3D model of the project we are working on, and we can put that model into the piece of equipment, and using GPS satellites, the computer can tell the machine how much dirt needs to be moved,” he explained. “I build all of the 3D models and work with all types of CAD files. While I don’t use the same software that I learned at BYU, being able to understand how CAD works has really helped.”

Another class that was also influential was CM 412, the scheduling class. “Newitt would go through teaching you logic of how things need to get built. The thought process of understanding the logic between one activity and the next, not just in vertical construction but in anything you do, has been a huge benefit to my career,” Veenker said.

On BYU Campus, he has been involved with many of the renovations and new construction the university has done in the last few years. This includes the Broadcast Building, Helaman Halls, the Life Science Building, several tunnel projects, the indoor practice field, the student athlete building, and many more projects. “Everywhere you go on campus,
we’ve done some of it,” Veenker commented.

Other project highlights include the Canyon Creek Development, the Xactware headquarters building in Lehi, and many of the buildings at Thanksgiving Point.

Veenker’s most recent completed project was the Payson Temple, where he was the project manager. Sunroc completed all of the grading and prep work for all of the areas outside of the temple and the site concrete and landscaping areas. This included the mechanical tunnel that runs from the utility plant to the temple, where they performed all of the excavation, installation and backfill of the precast box culvert for the tunnel itself.

Talking about how rewarding the project was, Veenker said, “It’s one of the most beautiful temples I’ve been through. It was a three year process from when we started it until now, and just being able to see it from scratch up through the finish has been really neat.”

The advice Veenker has for all current students is to continue networking, not just with industry professionals but with the other students in the program. “The longer I am away from BYU, the more I realize the importance of relationships and networking,” he said. “Take advantage of any opportunity to get to know your classmates and network with them, because you’ll run into them down the road. You’ll have opportunities in the future if you’re looking for employment, and that networking is a big deal. I didn’t do enough of that as a student.”

Doug Veenker now lives in Lehi, Utah with his wife and four daughters.