



# Letter from the Chair



This has been a good year for the Construction and Facilities Management major at BYU. The Construction Management program hosted the International Conference for the Associated Schools of Construction in April 2016. BYU's Facilities Management program sponsored the first Associated Schools of Facility Management Conference. FM is experimenting with a new technology course investigating new technologies for facility managers. Mike Bown and Kevin Miller are leading a research project for the Church about using UAV technology for inspecting roof systems to develop safer and more cost effective ways to inspect roofs. Below are other notable items.

### Faculty

James Smith joined the faculty this past year. He began his teaching career as a professor at Clemson University in South Carolina before coming to BYU. He teaches the Capstone class for seniors and the introduction class for Construction and Facilities Management. He is also conducting research on interdisciplinary learning and lean construction.

Clifton Farnsworth was awarded continuing status and was advanced to associate professor. He is an active researcher and an excellent teacher. He also directs the graduate programs for the School of Technology and for Construction Management.

### Student Competitions

This year, six student teams competed in the regional Associated Schools of Construction (ASC) competition held in Sparks, Nevada. Our Commercial team and Mixed-Use team each won third place awards.

FM received the Student Chapter of the Year award from the International Facilities Management Association (IFMA). They also received the first-ever Student Chapter of the Year award from the American Society for Healthcare Engineering (ASHE). Four students — Lauren Jackson, Ben Leutze, Matt Clayton, and Jason Facer — presented at the ASHE annual Plan, Design, Construct (PDC) conference. In addition, the student presidency has set up a Healthcare Construction Certification (HCC) course and has invited Jonathan Flannery to teach the day-long course.

### Undergraduate Program

The enrollment numbers for Winter 2017 are strong: CM has 185 students and FM has 62 students. Of these students in the CFM major, 34 of them are women, the most women that we have had enrolled.

Demand for graduates has risen. We are seeing students receive multiple offers for employment. We are projecting a continued increase in enrollment until we are at our cap again.

### New Engineering Building

The construction on the new engineering building is progressing. The smokestack just across the street from the Snell Building — a BYU landmark — was torn down in December. We hope you will still be able to find us without this beacon to guide you! The Physical Plant used coal to heat campus during summer months and gas during winter months but now uses only natural gas to heat the University.

Jay Christofferson  
Program Chair

# TABLE OF CONTENTS



4	Calendar
5	Program Statistics
6	Graduate Program
7	Faculty Recognition
8	CM Alumni Dinner
9	FM Conferences
10	FM Networking Night
11	Mentoring Golf Tournament
12	Alumni Fly Fishing Reunion
14	CM Competitions
15	FM Alumni Dinner
16	J. S. Newitt Award
18	FM Industry Recognition Award
20	Alumni Spotlights

# CFM 2017-2018 CALENDAR

- |                                     |  |
|-------------------------------------|--|
| Sept 15 CM Golf Tournament          | Jan 9-11 NAHB Competition<br>Orlando, FL       |
| Sept 21 STEM Fair                   | Feb 7-10 ASC Competition<br>Sparks, NV         |
| Sept 23 Hutch's Fly Fishing Reunion | Feb 26-28 AGC Competition<br>New Orleans, LA   |
| Sept 29 Fall CM IAC Meeting         | Mar 8 CM Alumni & Friends Dinner               |
| TBA FM Networking Night             | Mar 9 Spring CM IAC Meeting                    |
| Oct 10-13 IREM<br>Chicago, IL       | Mar 14-23 Dominican Republic Trip              |
| Oct 18-20 IFMA<br>Houston, TX       | April 18-21 ASC Competition<br>Minneapolis, MN |
| Nov 3 CFM Challenge Presentations   | Sept 26-29 IREM<br>Location TBA                |
|                                     | Oct 3-6 IFMA Competition<br>Charlotte, NC      |

## WEEKLY SEMINAR

Each Thursday, CFM students hear from professionals 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. Industry professionals talk about their day-to-day tasks and how they creatively solved problems. 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 FM or CM fields, the speaker can come from any field as long as they provide a valuable learning experience.

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.

"Above anything else, seminar has taught me how much employers value hard work, passion, and integrity," says Scott Mazerolle, in CM.

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://byu аз1.qualtrics.com/jfe/form/SV\\_eesLoifvygpmBdn](https://byu аз1.qualtrics.com/jfe/form/SV_eesLoifvygpmBdn)*



CONSTRUCTION MANAGEMENT

2017 Program Stats

\$55k  \$57k

AVERAGE STARTING SALARY

47  13

DEGREES AWARDED

94%  92%

UNDERGRADUATE JOB PLACEMENT RATE

FACILITIES MANAGEMENT

## STUDENTS OF THE YEAR

Sara Jaspers is from Portland, OR and will be graduating in CFM this June. She knew that construction management was the right major for her, as it fulfilled her love and desire to build and model homes. Jaspers says, "I was dreaming of Revit before I knew what Revit was." As a proficient user of such design programs, Sara has excelled in her field and is prepared to share her passion with others.

During her BYU education, Jaspers has taken advantage of mentoring activities and participated in competitions. She has gained skills and has learned how to work effectively with others, noting that no task or project is too difficult to accomplish.

Her advice for current and future students is to be as heavily involved in the program as possible. "This program not only taught me what I needed to be successful in the construction industry, but it also taught me how to be successful in my life," says Jaspers.

After her graduation, she will be working with McCarthy in Phoenix, AZ as a BIM engineer.



Benjamin Leutze is a senior from Detroit MI, graduating from the CFM program, with an FM emphasis, in December 2017. He chose to study Construction and Facilities Management because it challenged him to think critically and solve problems. Leutze says, "When I decided my previous major wasn't the right fit for me, I pulled upon previous job experiences to find something else that I might enjoy, and construction was the best fit."

Since joining the program, Leutze has learned to be motivated and hard working. To quote Professor Justin Weidman, he was able to develop the "you gotta wanna" attitude. He says the most valuable skill he has learned while in CFM has been critical thinking.

Leutze thinks all students should live by the motto, "You fail 100% of the time you try 0% of the time." He also believes that all students will have a chance to succeed if they move out of their comfort zones and utilize the experiences that the CFM program provides.

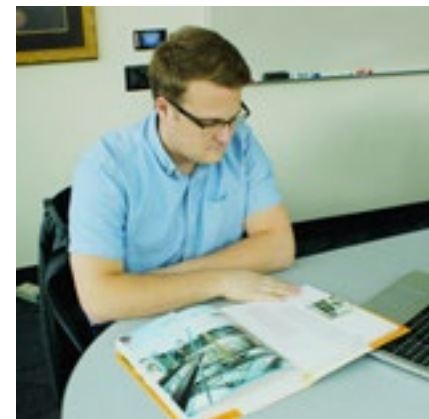


# GRADUATE PROGRAM

When is the right time for you to pursue a graduate degree? For some, the right time is immediately after earning a bachelor's degree. However, for those already working, the decision to come back to school to get a graduate degree may be a little more daunting. There are a number of reasons why working prior to pursuing a graduate degree may be beneficial for you. First, you often have a better handle on your career path. Second, your experience can provide you with a more practical mature outlook on your schooling. Finally, your professional experience with problem solving can greatly enhance your ability to perform academic research. Is a Construction Management master's degree right for you? It may be a great way for you to enhance your resume, sharpen your skills, and fulfill that inner desire to further your education. For those of you who have ever considered pursuing a CM master's degree, is the time right for you now?

The Technology master's degree continues to be an important aspect of the BYU Construction and Facilities Management 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. 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, although initially a little daunting, working on research and writing a thesis is one of the most valuable elements of their graduate experience. The thesis experience gives students the opportunity to define, solve, and share real-world problems and solutions occurring within the construction industry.



For More Information  
visit [cm.byu.edu](http://cm.byu.edu)  
email [cmmasters@byu.edu](mailto:cmmasters@byu.edu)  
call 801.422.2021



We congratulate Liz Ricardo-Belliard for completing her thesis and graduating this past year! Her thesis topic was "Implementation of BIM in the Municipal Plan Review Process." We also congratulate some of our recent graduate students for having their research published this past year. These include:

#### Journal Articles

George Williams - Responding to the Approaching Mass Departure of Building Code Professionals in Utah: *Journal of Professional Issues in Engineering Education and Practice*, Vol. 142, No. 4, 2016

Evan Danforth - Measuring Organizational Learning Success in Commercial Construction during Economic Recession: *The Professional Constructor: Journal of the American Institute of Constructors*, Vol. 40, No. 1, 2016

Rebecca Warr - Effects of CM/GC Project Delivery on Managing Process Risk in Transportation Construction: *Journal of Construction Engineering and Management*, Vol. 142, No. 3, 2016

#### Conference Papers

Charles Petrinovich - Technological Advances in the Facility Management Profession: *IFMA's World Workplace*, October 2016

Liz Ricardo-Belliard - A Case Study for Assessing the Use of BIM in the Plan Review Process: *UK BIM Academic Forum*, Glasgow, Scotland, September 2016

Rebecca Warr - Perceptions of Historic Projects in the Construction Industry: *ASCE Construction Research Congress*, San Juan, Puerto Rico, June 2016

Spencer Blaylock - Methods for Evaluating Financial Risk in Small Construction Companies: *ASC Annual Conference*, Provo, UT, April 2016

For more information about the construction management graduate program at BYU, please check out the graduate brochure at [cfm.byu.edu](http://cfm.byu.edu). If you have any questions, contact us at [cmmasters@byu.edu](mailto:cmmasters@byu.edu). We'd love to hear from you!

## James Smith New Faculty



James Smith was born and raised in Holladay, Utah. He had originally intended to study architecture, but because of his desire to go to Brigham Young University, he found the most similar course BYU had to offer, and enrolled in the Construction Management program. He soon grew more interested in construction rather than architecture. After graduating in 2003, Smith worked in the industry for seven years in Las Vegas, Nevada and Park City, Utah before returning to BYU for his master's degree in 2009. Once he obtained his master's, he attended Texas A&M where he received his PhD.

While in college, Smith began working in the construction industry with a framing contractor in Utah Valley. This helped him to gain experience in the field as he learned in the classroom. After finishing his undergrad, he began working for Del Webb Corporation in Las Vegas, Nevada. He was with Del Webb for a few years before he got an opportunity to return to Utah and work with Silver Creek Development Group. As a project manager for Silver Creek, he built high end custom homes in Park City ranging from two to five million dollars. As the economy began to slow down, Smith decided to return to school and prepare for his future as a college professor.

Smith has always had a strong desire to learn and to share his knowledge with others. "I am interested in the people side of construction," he says. "My research has focused on trust-building in the construction process, and alternate project delivery methods, which influence the way trust is built and managed. I am also interested in interdisciplinary learning and lean construction."

After receiving his PhD, he began his teaching career;

first as a professor at Clemson University in South Carolina, and now as the newest faculty member of BYU's Construction and Facilities Management program. He teaches the Capstone class for seniors and the Introduction to CFM course for students new to the program.

Smith's true love for teaching began when he was a teacher at the Missionary Training Center. He loved being a part of the learning process, and always had an interest in making that become a full-time and long-term profession. His favorite part about teaching classes is the interaction and relationships with the students, which is what motivates him each day.

"The learning process and the idea of self-improvement and progression are things that I'm passionate about. As that relates to the gospel and to higher education, that is something that I like to be a part of," says Smith.

His work experience has helped him connect the technical aspects of construction with the interpersonal aspects. As a home builder, Smith learned that successful contractors must effectively manage the people side of construction. Home builders have to understand and deal with people who have a deep emotional connection with the project because it's their home. The way this process is handled is extremely important.

Smith served in the Japan Tokyo South mission from 1998 to 2000. He started dating his wife Kim while they were both teaching at the MTC after their missions. They have been married for 15 years and have five kids between the ages of two and 13. Smith is a huge BYU sports fan, and enjoys playing any and all sports and coaching his children's teams.

Hundreds gathered for the ninth annual CM Alumni and Friends dinner on Sept. 28. All were excited to renew friendships and create new contacts.

Beverly Harmon, who retired in early September, was recognized for her work and contribution as the advisor in the School of Technology and as an internship advisor for the Ira A. Fulton College. She has contributed much to the success of the students in the CFM program, and will be greatly missed by both students and faculty members.

The Industry Advisory Council awarded 17 scholarships to students in the construction management program this year. Each of these students were recognized for their hard work and determination to strive for excellence in their studies.

The CM program was pleased to recognize and award the Jay S. Newitt Award for industry excellence to: King Firoz Husein. The Jay S. Newitt award is presented to individuals who are leaders in the construction industry who make a positive difference in the world within their sphere of influence. (read more on page 16).

Husein and his company have supported BYU and have worked on the Indoor Practice Facility, the Hinckley Alumni Building, and are currently working on the new engineering building. Husein has used his position in the construction industry to lead others, focus on keeping commitments, and conduct business with integrity.

Span Construction started as a small steel supplier in California, but due to Husein's business tactics and ingenuity, Span quickly spread throughout the

state and now has projects on four different continents. Span Construction has been the exclusive worldwide builder for Costco for 23 years. They have proven to build efficiently and effectively as they are able to construct these 150,000+ square feet buildings in just 110 days.

The CM Alumni and Friends dinner was a great opportunity to make connections and learn from industry professionals. We have decided to move the annual alumni dinner to the spring beginning in 2017. We look forward to many more alumni in attendance and hope to see you there!



Pictured: Award winners Jessica Sellers, Jake Tarabilda, Todd Tanner, and Jason Anderson



The Facilities Management students participated in both the IAC student competition and the Associated School of Construction (ASC) competition this school year. The students who competed were able to represent BYU's CFM program proudly as they applied what they have been learning in school in order to perform well in their competitions.

A team of students competed in the IAC competition this past November on the BYU campus. This was BYU's first year to host such an event. Students Todd Tanner, Jason Anderson, Jake Tarabilda, and Jessica Sellers represented the FM program at the event.

Tanner, a senior in the program, says, "Since this was the first FM student competition of its kind, we didn't know what to expect; therefore, we prepared by assembling a team comprised of various people with complementary work experiences and skills."

Fellow teammate Sellers, a junior in the program, added, "What I believe truly set us apart from the others was our ability to collectively come together as a team and work off of each other's strengths and weaknesses."

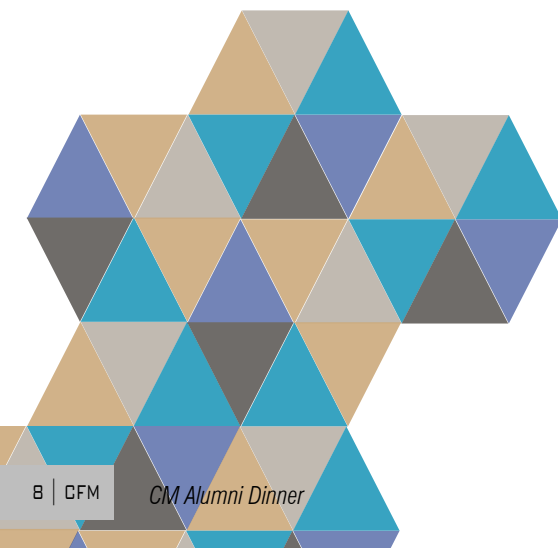
Along with earning a \$250 cash prize, they were able to gain valuable experience and learn how to work together in order to solve a problem.

"I found that winning the competition was not only a rewarding learning experience, but also a great opportunity for my teammates and I to test and verify knowledge of preventative maintenance, and the money it can save a facility," says Sellers.

During the winter semester, the first ever FM team participated in the CM focused ASC competition in Reno, NV. The competitive events at this competition are geared towards the construction management field, but the CFM program entered a team of FM focused students into the sustainability competition. Although they did not place, they did an outstanding job during their presentation and were complimented by many other schools, as well as the judges.

On their performance, head of the FM program Michael Bown says, "Their presentations were great, and they learned a lot from their experience. Our team made quite an impression on the judges."

The CFM program is proud of how each student participated and placed in their events, and they are determined to prepare and win more awards next year.



# Get Connected

The Third Annual Facilities Management Networking Night was held on Sept. 22, 2016. It was located on the third floor of the Wilkinson Student Center with sponsors such as Sodexo, Peg Development, OnLine FM, Entrata, RBM Services, Commercial Real Estate Services (CBRE), Building Owners and Managers Association International (BOMA), and Rocky Mountain Striping.

A total of 31 companies were in attendance, ranging from real estate investment and management, to the associations that support the facility and property management industries. Students were able to meet with these company representatives and professionals to learn more about career

opportunities.

This year's event had the highest student attendance yet with over 70 students present. These students were able to network with industry professionals and learn about the amazing industry opportunities.

Senior Benjamin Leutze, the FPMSA president for this past school year, says, "The Networking Night is the best opportunity to connect companies in the facility and property management industries with students. No other activity brings students and industry professionals together in the same room, and that is why the event is so successful. Students get an unparalleled opportunity to talk one-on-one with the best and brightest industry leaders. The

connections made will be some of the strongest that the students will make in their college career."

BYU has an incredible facilities management program that provides students with prospective job offers and experiences that will propel them into their future careers.

This year's Networking Night was a success, and we look forward to more companies participating and more alumni attending in the upcoming year.

If you or your company are interested in participating in next year's event, please contact [byufpmsa@gmail.com](mailto:byufpmsa@gmail.com)

## FAIRWAY OF DREAMS

### CM Golf Tournament

On Sept. 16, 2016, we hosted our annual mentoring golf tournament. This year's tournament was at Cedar Hills Golf Course in Cedar Hills, UT. The tournament provided an opportunity for CM students to engage in friendly competition, rubbing shoulders with industry professionals.

The golf tournament tradition is becoming more popular and has been a catalyst for bringing in more professionals for info sessions.

CMSA Vice President Brandon Morris says, "The tournament was a perfect outing to have students and industry professionals interact with each other. It provided opportunities for both parties to get to know each other in a familiar setting of golf."

Both companies and individuals are welcome to participate and mentor the students. If you are interested in attending next years tournament, please email Justin Weidman at [justinweidman@byu.edu](mailto:justinweidman@byu.edu).

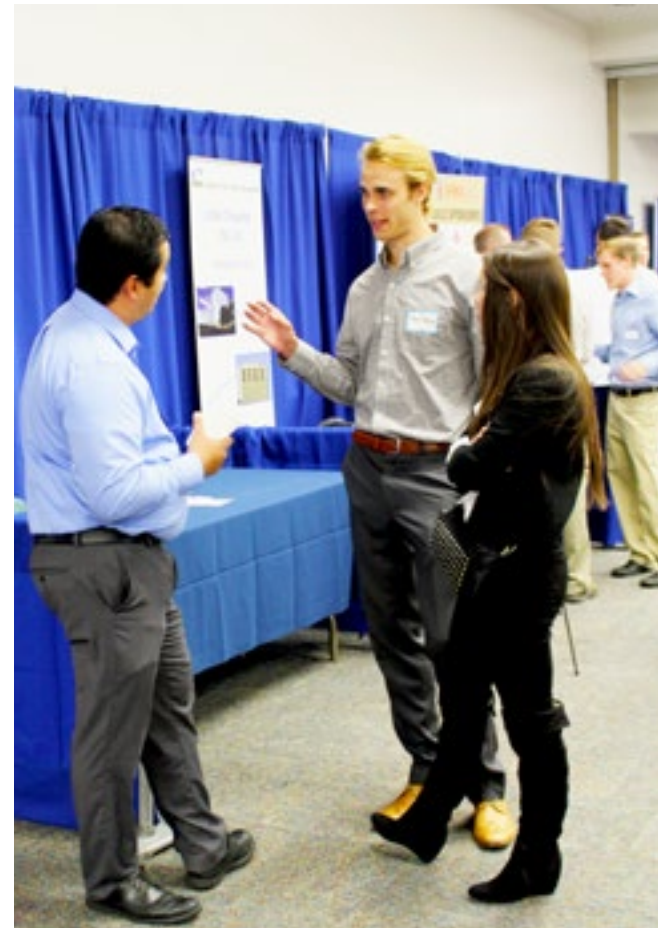
### FM Golf Event

This year's Facilities Management golf event was held on Mar. 24, 2017 at Top Golf in Midvale, UT. It was a great experience for the students, faculty, and industry representatives involved.

We were excited to see that many FM students attended, surrounded by representatives from several different companies in Utah. These companies ranged from commercial real estate, property management, facility management services, and some product distributors.

Additionally, by having the event at a venue such as Top Golf, it made it much easier for the students and faculty to have more opportunities to talk to various industry representatives. Additional prizes and food were given during the event.

Both companies and individuals are encouraged to join and participate in this great networking and mentoring experience with the BYU students. For those interested in attending next year's event, please contact Michael Bown at [bown@byu.edu](mailto:bown@byu.edu)



# Fishing With Hutch

Alumni and Friends of CM Reunion

By: Mark Hutchings

**H**utch's 11th Annual Friends of CFM and CFM Alumni Fly-Fishing Reunion was held in Island Park, Idaho last October. Our featured guest instructors were internationally known Canadian fly fisherman, author and TV personality Phil Rowley, along with his good friend and former member of Fly Fishing Team USA Pete Erickson, who placed as high as 12th in the World Fly Fishing Championships. There were 20 attendees last fall, two of whom came all the way from New Hampshire. The group included a husband-and-wife team, several father-and-son combinations and, of course, many others who enjoyed the four-day, three-night reunion.

Food and lodging (in some beautiful cabins) was provided and daily seminars focused on still-water fly-fishing techniques and Euro-nymphing techniques for streams and rivers. Two full days of fishing were spent on the private 400-acre Sheridan Lake and on Sheridan River, a five-mile long spring creek. The weather was perfect, Sheridan Ranch's private waters yielded some very large trout, and everyone had a great time. Each attendee also had the opportunity to fish with and receive personal on-the-water instruction from Phil and Pete in their personal boats. After fishing the Sheridan Ranch waters all day Thursday and Friday, most of the group stayed and fished a "new" lake on the ranch from mid-morning until early afternoon on Saturday with Phil and Pete before leaving for home. Those who stayed enjoyed one of their best days on the water. More than 250 trout were caught and released by those who fished that Saturday. In fact, our oldest fisherman, in his eighties, caught more than 30 fish! All fish caught were beautiful, and a number of the trout were in the 18- to 22-inch range. Of course, that was an exceptional day for our group, but it was a fun experience and rated a long entry in my journal.

Highlights from past reunions have included presentations by internationally recognized fly-fishing personalities, including Mike Lawson, acclaimed expert on the Henry's Fork River and owner of Henry's Fork Anglers (September 2013); Phil Rowley (October, 2016, July 2015, July 2014, October 2012); Pete Erickson (October 2016); Bill Schiess, author of *Fishing Henry's*

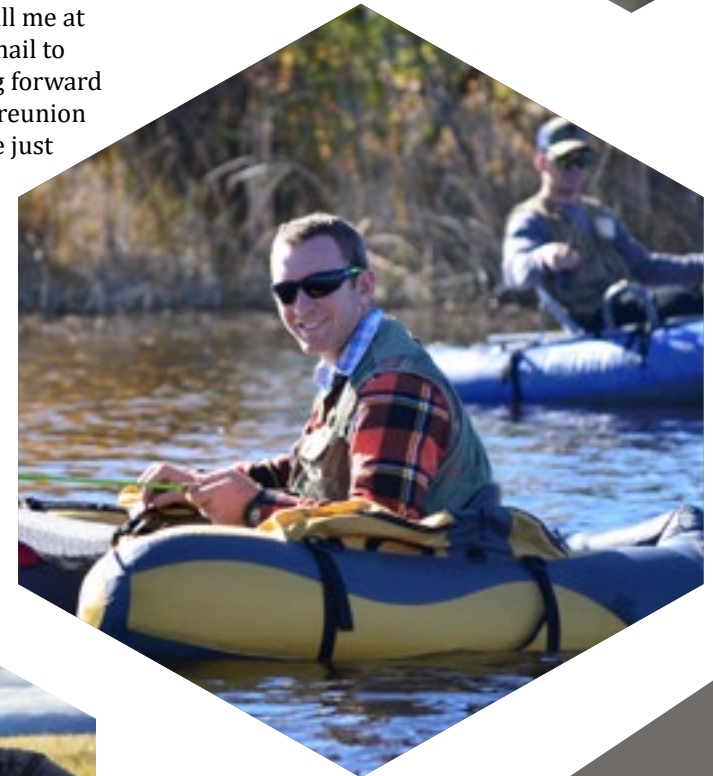
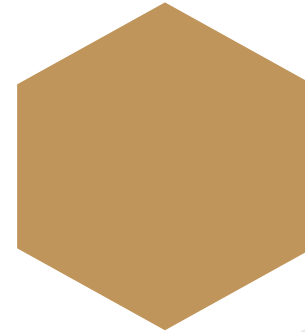


*Lake* (June 2012); Dr. Riley Nelson, world-renowned entomologist (July 2014); Don Allphin, fishing editor for *The Daily Herald* (October 2014), and several local and regional fly-fishing guides who have shared some of their secrets to success in the Island Park area. Maybe the most important part of any of our reunions has been the chance to make new friends, visit and network, eat together, and share a lot of good-old fashioned fishing tales, where, as 'me ole pappy' used to say, "We don't let the truth get in the way of a good story!"

Be sure to mark your calendars for **Hutch's 12th Annual Friends of CFM and CFM Alumni Fly-Fishing Reunion scheduled for October 4 - 7, 2017**. We will once again hold our reunion in Island Park, Idaho and will spend the majority of our fishing time on the Sheridan Ranch waters. This year I have reserved three cabins and plan to host about 20 attendees. And due to popular demand, I have once again persuaded Phil Rowley and Pete Erickson to return as our featured guest instructors. Both of them will teach classes, fish with us, and host each attendee for a period of time on their boats for one-on-one instruction.

For information on this year's fall fly-fishing reunion in Island Park and several other fly-fishing events for alumni and friends in the Central Utah area, feel free to call me at (801) 422-6489 or (801) 592-4524, or send an email to [mark\\_hutchings@byu.edu](mailto:mark_hutchings@byu.edu). As always, I am looking forward to more great fly-fishing adventures with veteran reunion attendees and hopefully with some of you who are just starting out.

May you always dream of large fish!



Photos by: Ross Storey

# THE ROAD TO SUCCESS

The Construction Management department was represented by seven teams – a total of 44 students – this year during the competition season. BYU attended both the National Association of Home Builders (NAHB) and the Associated Schools of Construction (ASC) competitions during the 2016 – 2017 school year. These competitions help students develop integral skills that they will use in the field, as well as providing an opportunity for them to network with several different companies.

This year's NAHB competition was held in Orlando, FL, where BYU received third place in the Outstanding Student Chapter Award.

Clint Ethington, a senior and president of the NAHB Student Chapter, was also awarded the Outstanding Student Award. This was due in part to his efforts as part of the NAHB Student Chapter that built a full-sized playhouse for the Festival of Trees, the proceeds of which were donated to charity.

Ethington says, "It was a character-building experience to work together with industry professionals, suppliers, the 'owner', and 'architect' on this project."

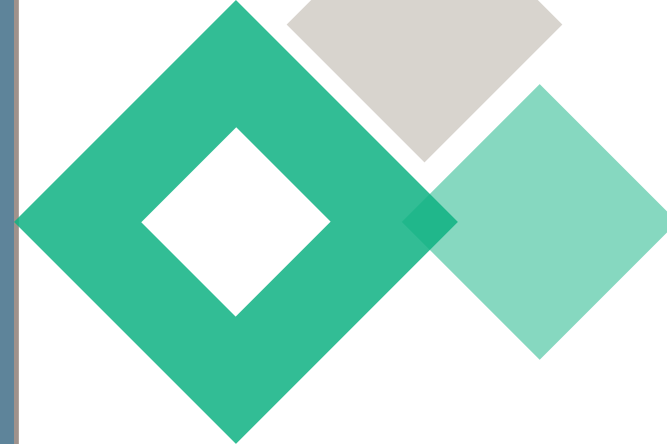
After the student's participation at the ASC competition held in Reno, NV, they returned to Provo with trophies in both the Commercial and Mixed Use competitions. The Commercial team, which consisted of six students, was awarded third place for its efforts.

"Through the competitions, we were able to apply many of the concepts and skills we learned in our classes and understand the applications they have in the real world. In the end, we were very happy to be able to represent BYU and the amazing CM program at the regional competition," says Joey Yarn, a junior in the CFM program.

Another six-person team placed third in the Mixed Use competition. Brandon Morris, a senior in the CFM program, was able to compete for the first time at the ASC competition.

Of winning, he says, "We noticed that the recipe to success was actually having a good time, relaxing, and laughing. With our nerves at ease, we were able to perform under pressure. We had improved from the CM Challenge and were able to place because of our dedication, hard work, and team unity."

We are proud of the student's efforts during this competition season, and hope that they continue to prepare and develop skills that will help them succeed in the future.



*"Use your talents and the gifts you're given, and someday you will get to where you want to be."  
- Leland Mason*

## Leaders OF TOMORROW



The third annual Facilities Management Alumni and Friends Dinner was held in the Assembly Hall at the Gordon B. Hinckley Alumni Center on March 23, 2017. More than 50 guests attended including alumni, industry professionals, and students. It was a wonderful night as alumni were able to reconnect, students networked with industry professionals, awards were presented, and those present learned from Leland Mason as the keynote speaker.

Kyle Jardine, a two-year graduate of the BYU FM program and the chair of the Industry Advisory Council (IAC), was the host of the evening. He introduced Professor Michael Bown, director of the FM program, to present the Industry Recognition Award. This year's award was presented to Leland Mason.

Mason is currently the Facilities Manager for meetinghouses of The Church of Jesus Christ of Latter-day Saints. He has done much to support the FM program at BYU, including helping many students receive internships and gain experience at the LDS Meetinghouse Facilities Department in the Church.

Mason is an experienced facilities manager and is responsible for the maintenance and standards for 7,000 facilities and 19,000 buildings

worldwide. He spoke about the difficulties of a fast-growing Church: "As the Church doubles in size every year, facilities managers consistently have to strive for cost-effective solutions to maintain a high standard of cleanliness."

It is their job to pay close attention to the details and find solutions to problems that will enable meetinghouses to be high-functioning while retaining their beauty for years to come.

He also advised the students on how to be successful in their future careers, saying, "Use your talents and the gifts you're given, and someday you will get to where you want to be."

He emphasized the importance of students using their personal strengths to propel their careers.

This was a wonderful evening spent amongst friends of the FM program. Next year's dinner will be in March in correspondence with the IAC meetings.

Mitch Larson, an alumnus and project manager at Lockheed Martin says, "I look forward to the Alumni Dinner to celebrate another successful year with people in the industry and my fellow students."



# J.S. NEWITT AWARD



## KING FIROZ HUSEIN

King Firoz Husein is chairman and CEO of Span Construction and Engineering Inc., in Madera, California. He was born and raised in Bombay, India, but had dreams of going to America where he knew that anything was possible. After graduating from the University of Bombay in engineering, he was able to obtain a loan of \$500 from a Muslim Education Trust that allowed him to travel to the United States to further his education. His academic journey in the U.S. began at Princeton, but he was ultimately led to Brigham Young University where he graduated with a master's in civil engineering.

Under Husein's guidance, Span has been the top pre-engineered Steel builder in the U.S. for more than 20 years and is the exclusive Builder for Costco, having

built in excess of 90 million square feet for Costco.

A convert to the LDS Church, he has served in numerous leadership positions, including bishop, and has been a great friend to BYU, currently serving on the President's Leadership Council.

Husein has shown great initiative throughout his career. After graduating from BYU, he worked for a small consulting firm in Boston designing buildings. While searching for other job opportunities in the Boston Globe, he applied for an opening with Varco-Pruden, a steel building company. Even without any experience in the steel industry, Husein got the job, beating 40 other applicants. After working with Varco-Pruden for a few years,

they helped him to move to California and start his own business. From the humble beginnings of his closet sized office, Husein began to build small steel buildings for the farming community in central California, and grew Span Construction to what it is today.

Span Construction & Engineering is now the #1 ranked builder in its field. They build on four continents: Australia, Asia, Europe, and North America. Span concentrates on commercial and industrial construction, focusing on the building of all Costco warehouses, as well as distribution centers for such companies as Staples, Sears, and other large retailers. Husein has instilled in his team a business motto based on integrity. They strive to keep their commitments at all costs, as well as provide the best service, quality,

schedule, and value to their customers. Their guarantee of quality construction has helped the company to obtain loyal clients, 70 percent of which are repeat customers.

Giving back to the community is important to Husein, and he places great emphasis on helping local charities in different ways. Span has supported local schools and hospitals in California, as well as given back to the Boy Scouts of America program. In addition to providing them with funds, his company has built their regional council office in Central California.

"Currently, I am building the dining hall at the Boy Scouts of America's retreat in the Sierra Nevada mountains. I'm doing this in the spirit of consecration, and I want to help out. We will not charge them any profit for what we're doing," says Husein.

BYU has greatly influenced the path of Husein's life, and for this reason, he continues to give back to the school in many ways. He has provided scholarships to engineering students, as well as a professorship in engineering. Husein has also donated to the school in general through their Lighting the Way and other campaigns.

"Several years ago I was asked by BYU to make a significant donation, which at the time was large, and it was challenging, but through the spirit, I felt that it was the right thing to do. So I was able to contribute," says Husein.

He has given of his time and expertise towards the

construction of the student athlete building, the indoor practice field, and the Hinckley Alumni building as a joint-venture partner with Okland Construction. Currently, Span Construction is in the process of building the new engineering building on BYU campus as a joint-venture partner with Jacobsen Construction. Ground was broken on May 9, 2016 after more than three years of fundraising efforts and generous donations.

Husein says, "The fundraising effort was incredible. It was gratifying to see alumni, faculty, students, and friends of BYU generously donate to construct this building. We had spiritual experiences and witnessed miracles in a significant way during the fundraising process."

As the recipient of this year's J. S. Newitt Award, Husein is recognized as one who has built up a company that is a force to be reckoned with in the steel industry. All he has accomplished, he recognizes as a blessing, and continues to give back to others. His influence in the construction industry is an example that if others follow, they too will find success.

Hinckley Alumni Building



# INDUSTRY RECOGNITION AWARD

## Leland Mason

*“Dedication to the work & commitment to the Lord.”*



As the director of operations and maintenance for The Church of Jesus Christ of Latter Day Saints, Leland Mason would not take any credit when asked about what has gotten him to be where he is today.

After graduating high school in 1978, Mason immediately joined the US Navy where he served as a construction mechanic in the Seabee's, a unique organization within the Navy. His six years of military service helped him to develop a foundation that would serve him well into his career.

When he left the military, he began working as the owner and operator of a local trucking company in Oklahoma City. This offered Mason the opportunity to develop skills in business management, and to work for himself. After four years of trucking, he went to work for Systematic Solutions, where he soon became their installation manager.

In 1994 Mason started working for the Church in the Physical Facilities Department.

“Because of my circumstances, I never thought about applying for the job with the Church,” says Mason.

“My stake president insisted that I should apply for this job. He thought my diverse background would make me the best candidate for the Preventive Maintenance Supervisor position.”

Time would only prove that Mason's stake president was inspired and prompted to push him towards the path to construction management. Mason's exceptional diligence and talent helped him in his field of work.

After four years as a PM supervisor/facilities manager in Oklahoma City, Leland was promoted to a Regional Facilities Manager in Colorado. His workload increased from overseeing 36 meeting houses in Oklahoma City, to covering seven states, overseeing 17 facility managers and over 400 facilities. Four years later, he was again promoted to be the Facilities Services Manager, managing operations and maintenance at the Headquarters Campus in Salt Lake City. This brought a great

opportunity to manage a diverse group of individuals, and skilled technicians.

Mason worked for seven years at Church headquarters before he was asked to take an assignment at the Polynesian Cultural Center in Hawaii - a position Mason said was incredibly difficult yet rewarding. The responsibility to help an organization improve their business model when they did not ask for help can be very challenging. He was there just two years before being asked to become the director of operations and maintenance for the Meetinghouse Facilities Department, responsible for all LDS meetinghouses.

“Other than the first job application 22 years ago, I have never asked for any of this. I was always promoted by others,” says Mason.

Everything seemed smooth on paper, but Mason had his own challenges, too. He didn't have a degree when he initially started his job as a facilities manager; he learned everything on the job through many years of experience. It wasn't until 2006, after 12 years

working in the industry, that he decided to go back to school and get a degree.

“I didn't do it for the job,” says Mason firmly, “but for myself.”

Mason has always been open to learning because of the many responsibilities of life. At the age of 50, Mason graduated from Western Governors University with his bachelor's degree in Business Management.

Although he did not attend BYU, his bonds with the many professors of the Construction Management Program are strong.

“I have known and befriended Professor Doug Christiansen for 13 years; we counseled together and worked closely to improve facilities management for the Church.”

Mason is also acquainted with professor Kevin Miller, and former professor

Jeffery Campbell.

“I have worked with several excellent individuals, as well as multiple alumni from the CM [Construction Management] and FM [Facilities Management] program at BYU. The Church continues to use intern managers from the BYU program. The program works well!” In Mason's words, he continued, “It is one of the best programs in the United States to get into the field.”

Now working in the LDS Church Headquarters, Mason's responsibility is to develop new standards of cleanliness and efficiency for church meeting houses all around the world.

“We also do a lot of outsourcing and coordinating with other departments to achieve our goals. We work closely with the different areas of the world, and council with them as they set their own goals.”

As the Director of Operations and Maintenance Department for the LDS Church, Mason believes that the work he is doing has a higher purpose than merely getting the job done:

“We have a solemn responsibility to set an example for the rest of the world in the way we clean and maintain these sacred facilities. We represent the LDS church; therefore, we strive to keep our standards high.”

When asked what his secret to success was, Mason says, “...dedication to the work and commitment to the Lord, as well as a willingness to learn as changes come about.”

Mason and his wife Julie have been married for 38 years. They have four children and eight grandchildren.

# ALUMNI SPOTLIGHT



## CAMERON POWELL

Cameron Powell was born in Kamas, UT, and originally studied aviation at UVSC, now UVU. After returning from a mission in Sweden, he was convinced by his older brother to pursue Construction Management at BYU.

"I was already working in construction at Trim Carpentry at the time, so I was familiar with the work." All through college, Powell worked as a stonemason to pay for his tuition and living. "I would get into the earliest classes offered from 7:00 to noon and drive to Park City to work until midnight everyday... I made it through college without hardly any debt."

Powell has worked for many companies since graduating from BYU in 2003. He originally started on the construction side of the business in Charleston, SC with America's Home Place. After a couple of years, he was given the opportunity to work in land development with Shea Homes in California.

One of his largest projects was starting a master-planned active adult, a retirement community, in Brentwood CA. With a \$250 M budget to build a signature community called Trilogy at the Vineyards. The development consisted of 1,400 building lots, a 32,000 sq. ft. amenity center, several pools, and a working vineyard. When the California housing market started to slow in 2006, Powell headed back to South Carolina to open a new division of Schumacher Homes in Charleston.

In late 2008, the housing market crashed and the country went into a recession, forcing Powell to find another job to support his family.

"I got into sales, and found out that I was really good at selling houses." With a smile on his face he continued, "...that is how I fed my family and survived during 2009—2011—by selling new construction for four years."

With the connections and experiences working in sales, he was led back to work with Edge Homes, a premiere home builder in Utah, to run their sales department. This was another turning point for him in which he discovered his desire to lead a home-building division.

Powell continued to follow his dreams, and is currently a general manager for Ryan Homes, the fourth largest home builder in the United States. His responsibilities stretch over sales, construction, office administration, and land department.

"I focus mainly on two things: managing our sales team and land deals. I am very involved in sales as they are the most important part of our business. I am also involved in our land procurement. I help in deciding where to build subdivisions, how much to pay for the land, how many lots we could build, what types of homes we should build, and what the pricing should be, etc..."

Looking back, Powell is grateful for the classes he took at BYU. He encountered many opportunities to make use of the business and construction classes he took at BYU.

"When I applied for my current position I was put through a lot of testing. I took six different types of tests and even

interviewed with a psychologist. The classes I took at BYU came into play, and I had to remember business and accounting principles I was taught in college."

However, Powell says the most valuable thing he gained at BYU wasn't a certain course or skill set, but the relationships he cultivated through the program.

"I still have several friends from my year that I have worked with and that I speak to weekly, or at least monthly, and we have helped each other to find jobs."

Powell has shown his gratitude by giving back to the university. "I donated money back to BYU, and was able to assist other BYU graduates—from hiring them to setting them up with other contacts for employment." In 2017, he also helped the BYUCM competition team at the International Builders Show.

Powell believes that what truly matters most is to find one's true passion in life.

"I really enjoyed my degree; I really enjoy the line of work I am in now; I am grateful that I majored in Construction Management. It has been a huge blessing. I love what I do, I love going to work—it's fun! And I don't look back and wish I would have done something else. I look at other people and I am glad that I chose what I chose."

Powell and his wife, Sara, live in Greenville, SC. They have four children between the ages of eight and fourteen.

"I AM GRATEFUL THAT I DID CONSTRUCTION MANAGEMENT. IT HAS BEEN A HUGE BLESSING. I LOVE WHAT I DO, I LOVE GOING TO WORK—IT'S FUN!"

# Alumni Spotlight

## Brad Randall



with Aramark in downtown Chicago, where he managed the custodial and facilities crews at the largest convention center in North America. He also worked as a TA and received his real estate license while still an undergraduate. These experiences prepared him for his future career in facilities management and real estate.

After graduating, Randall worked with Smoot Commercial Brokers in Bountiful, Utah for four years as a property manager, where he managed mostly office, retail, and multi-family properties. In 2012, he started working for Welch Randall Real Estate, a company that has been a part of his family since 2000. Randall's father was a great entrepreneur and businessman that saw great potential in real estate.

Of his father, Randall says, "He was a huge motivator, not only just in the field of real estate, but in having the courage to do something entrepreneurial."

Randall took over the company in 2015. He has always wanted to own a business, and took the opportunity to continue to build upon the company that the Welch and Randall families have worked hard to create.

In his current position, Randall is in charge of all hiring and employee training, and helps to procure new accounts for the company. They are a dual brokerage company with brokerage that does real estate sales for residential properties and commercial leasing, as well as managing roughly 2,200 properties along the Wasatch front. These properties consist of a mix of single family homes and duplexes, 30 home owner associations, and about 24 commercial properties.

"In total, we have about 22 employees that I supervise, and a lot of my role is to make sure that the direction of the company is headed where we want it to go," Randall says.

The company manages all of the rent collection, preventative maintenance programs, emergency maintenance, and contract negotiation and renewals. They also work with owners to help them value the asset that they have as an investment, and to help them purchase and sell investments to ensure that they receive the greatest return.

"We fill an advisory role as well," says Randall. "We have a group of 200 investors that we work with, and we help them buy properties that we will help manage. We will manage their accounts much like a stock broker would help manage stocks for someone."

One of Randall's favorite aspects of his job is helping someone invest in their property. "Seeing them experience how a property, if it's managed well, can become a great asset for them and their family, as well as their future, is just amazing."

BYU has had a great influence on Randall's career path, and he has given back to the CFM program in many ways. He worked as an adjunct professor for six years, bringing real-life problems to the students. This has helped students to gain experiences that they will value as they embark on their career path.

Reflecting on this experience, Randall says, "The opportunity to teach for a number of years at BYU was such a benefit to me, and it has been fun keeping in touch with students that I was able to teach and seeing how their families and careers are growing."

Currently, Randall provides students with mentoring opportunities in which he allows students to shadow him each semester. This gives students time to meet with him, get advice on how to excel in the program, and be prepared for life after graduation.

As the chair for the Industry Advisory Council, Randall says, "I love giving back in this way because you get to be involved in the direction of the program, not just as a student or a teacher, but as an alumnus," he says. "You see how you can help influence curriculum and networking opportunities for the students. It has allowed me to see the program build upon itself and get better and better as the years go on."

Randall chooses to give back to the CFM program and BYU because of the influence it has had on him in his own life.

"The most valuable thing that I learned at BYU is that your professional life is a means by which you can accomplish the greater goal that Heavenly Father has for you in your life and for others. That is to go out into the work force and use skills that you've obtained, be a good friend, a good example, and a good representative of Jesus Christ. At BYU, you're going to learn, but the most important thing ... is not what you've learned, but what you do with the knowledge when you go out into the world, and the type of life you lead when you leave BYU."

Brad Randall lives in South Salt Lake City, Utah with his wife Karrie and daughter Louisa.



*"...the most important thing... is not what you've learned, but what you do with the knowledge when you go out into the world..."*



**Construction & Facilities Management**  
School of Technology  
Brigham Young University  
230 SNLB  
Provo, UT 84602

Phone: 801-422-2021

**BYU** | CFM  
CONSTRUCTION & FACILITIES MANAGEMENT

# CONSTRUCTION & FACILITIES MANAGEMENT

Credits

writing & design  
Stacey Bangert  
Rachel Tam