CH2MHILL ALUMNI NEWSLETTER

July 2020

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Publisher's Note

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Greetings All,

Quite a change from my last column's greetings. Our world has been turned upside down due to the COVID-19 pandemic. I hope you and your families are coping with the varying degrees of the new challenges and staying healthy and safe. It has impacted our CHAA activities too by having to postpone our Atlanta ReUnion, from September 2020 to October 2021 for the safety of our attendees. The good news is that everyone who registered rolled their reservations over to the new date, with only a few exceptions.

The big CHAA story, of course, is that our new website is now available, and our members are excited and happy to explore all the expanded areas. If you are reading this column, that means you have accessed through our "Member's Corner," and we thank you for joining. We hope our "Members Corner" section will encourage more membership growth, more perks, and participation. We hope you also take advantage of viewing the updated CH2M History Book "Building a Better World," now an added benefit of membership, along with the roster and current newsletter. And, please spread the word to other alumni about becoming a member. The nominal annual dues will allow the CHAA to continue our outreach effort to reach our legacy staff, continue the expansion of our website and support continuing gatherings, including Reunions, of alumni across the country.

We continue to be fortunate getting leads from our readers and legacy staff regarding folks retiring from Jacobs. Thanks to Matt Berg/AUS who alerted me about Greg McIntire and Brock McEwen, and Craig Massie/CVO for Paul Berg and Steve Payne, to mention a couple. And many new folks have kindly shared their stories and suggested other leads for us to follow up for this issue. Also, please remember that no story is too big or small for our newsletter (that's why we have the "Tidbits" section). Our goal is to celebrate everyone's career and life as a member of the CH2M HILL family to the extent we can.

Thanks also to those of you who let us know of the loss of any dear friends, colleagues, and spouses. We couldn't do this without your help! Please keep us in mind and send a quick note about your news, leads for other stories, feedback, suggestions, kudos and concerns (if any). We always appreciate all your input!

As always, a special thanks to our superb newsletter production duo: Angie and Sarah; Don, our CHAA treasurer and mailing list guru; and Dan, our webmaster extraordinaire! Best wishes to all our readers for healthy and safe summer/fall and into the holiday season.

Take care,

Gordon

(gkoblitz1@outlook.com)

Retirees/Alumni News

HAPPILY RETIRED, FISHING FOR TROUT

By Stephen Gelman (sqlman531@qmail.com)

I started working at CH2M in April 1978 in the Montgomery office. Cliff Thompson hired me and I worked directly for Greg Mooney. The Montgomery office had a number of industrial clients; in early 1980 we won a major project for a wastewater study with Gulf Oil in Port Arthur, Texas. The Montgomery office did most of the field and pilot work and Seattle did much of the process. The Resource Conservation and Recovery Act (RCRA) went into effect shortly after we won the project, so it was the first RCRA project done by CH2M.

As RCRA work continued, Pat Taylor Woodyard was hired in Seattle to build the new discipline. Our teams began to realize that we had many common clients and more potential to sell across regions. We also realized that you could not approach national clients with different contracts, rates, approaches and really be successful. So this led to the beginning of a multi-regional client program which



Going fishing for trout in Georgia.

Pat spearheaded. With Superfund work consuming so much of our resources, we kept the private sector water going while adding to a substantial remediation business.

I eventually ran our industrial water business when it was its own unit and when we were organized under Water Business Group. It was satisfying to see a business group plan what it wanted to do, what clients we were best suited for, and what technology approaches we would have. We could not have done this without the strong teams we had built over the years.

I am happily retired now in north Georgia trying to catch a few fish now and then. My wife, Barbara, and I have been living in North Georgia since I retired late in 2014. We are only about 15 miles from the Georgia-Tennessee border as the crow flies. This is the southern edge of where we have waters cool enough for trout. So I have spent some time learning to fish for trout. I am getting better but am a long way from figuring it out.

I have also done a little consulting over the last couple of years. I have done some water, climate, environmental presentations to some Trout Unlimited chapters. I have also been part of a mentoring program for high school kids and I volunteer weekly at our local food pantry. I enjoy photography, reading, music, and I'm a crossword fanatic. Besides that we are isolating during the pandemic. Glad to be up here and not in the metro Atlanta area. My wife and I had a second home in Parker, Colorado, when my son was working there but he moved to Destin, Florida, in 2019 so that is now easy driving for us. He works for Jacobs as an estimator.

I did a lot of traveling for work over the last 40 years, so travel is not much on my agenda. But I do miss the people I worked with and am grateful to those that helped me, particularly Cliff Thompson, John Lee, Jay Mackie, and Craig Zeien. I was on some great teams and still value the friendship and support of those I worked with over my 36 years at CH2M.

ENJOYING SINGAPORE

By John Filbert (jfilbert@peak.org)

(Intro by Gordon) This story started when John Filbert exchanged an email with Don Marske regarding our CHAA website announcement. Don shared it with me, as he typically does for a possible newsletter article. So, John's news is as follows:

You would love Singapore...I lived there for more than 3 years to get a \$7.5-billion program underway, which will build two high-end wastewater treatment plants (to serve almost 10 million people) and recycle the water through membranes to get them off importation from Malaysia. Below is a photo from our trip when we went out to dinner with a bunch from our client group and two CH2Mers.

You would love Singapore as it is now, on a per capita basis, either the richest country on earth or the second richest country! It is beautiful and the southern coast is only 60 miles north of the equator! Yes, we got back in time to avoid lots of COVID-19 exams!



N.C. Tan/CH2M, far left, and John and his wife Genevieve, with many PUB design staff.

(Gordon) I reached out to John for more information about our Singapore work, his involvement for over 10 years now and would he send more information about his, and others, involvement over the years? Of course, he agreed and did...more than I could begin assimilating. So, the continuing and successful Singapore story with our Public Utilities Board (PUB) client will need more time to pull together than we had at this point. Included now in the group photo he mentioned. The project photo is from the new "Building a Better World" (CH2M History Book, 1946-2017), which helps frame what will be coming in the January issue. We believe our readers will enjoy hearing about one of CH2M's signature projects.



Changi Water Reclamation Plant, Singapore.

CHANGI WATER RECLAMATION PLANT, SINGAPORE, 2009

The culmination of a productive, long-term relationship between CH2M and PUB, Singapore's innovatively unparalleled national water agency, that began in the late 1990s. This rooftop treatment plant transforms urban wastewater into pristine, potable condition. This project was a major factor in CH2M's winning of the Stockholm Industry Water Award in 2015. "PUB is the most innovative client in the water space — they push the limits of what's possible," CEO Jacque Hinman says. "We are proud to be their partner in having owned that space for many years now."

ANYTHING BUT BORING

By Lee Eick (ljeick5@gmail.com)



Vicki and Lee Eick.

I came to Corvallis in 1974 as a structural engineer, hired by Harry Mejdell out of Purdue — I think his first of many after. Initially the structural group was managed under George ("wide-flange") Dotson and then shortly thereafter under Bob Morrison. We pulled many all-nighters to work for Salem and Portland Architects doing structural work for some cool Northwest buildings. In 1976 I met Vicki Johnson, a Portland receptionist who started in 1974, and came down to Oregon State later in 1976 and worked in Corvallis part-time. We were married in 1978. She worked until 1980 when our first daughter was born and we moved to Denver in the fall of 1983.

We were in Denver from 1983–1999. I ran the Transportation Business Group Central District for a few years and then I left the firm in late 1999 to scratch the itch of running my own consulting firm. There's a lot of low paying work out there, but I enjoyed the time.

In 2001, I reconnected with Rick Smith when he was in charge of the Corvallis office. We were division managers together in Denver. He convinced me to rejoin the firm in Corvallis, which was perfect timing as Vicki's dad was in fading health in Portland, where she grew up. I went on to lead the teams designing mostly Air Force facilities in Iraq/Afghanistan and at U.S. Air Force Bases.

We moved to North Albany at the time on a 2-acre place, which we love. Our daughters' and son's families live nearby with five of our seven grandkids – four girls and a boy, ranging from 7 years to 4 months. Our middle daughter's family just recently moved from

San Diego back to the Denver/Boulder area with two grandsons – 5 and 3.

I retired "cold turkey" in the fall of 2013 after 39 years with a great, great company. The first 3 months felt like an extended vacation. But, at the end of December that year I was worried I might be heading for the longest, most boring year of my life. It was anything but that, thankfully. With the arrival of grandkids and plenty of volunteer project work, I struggled to say no – just like my work days Vicki said. I volunteered to lead the renovation of our church's 1930s gymnasium (old Albany High School), where I spent the better part of 3 months leading volunteers on scissor-lifts working walls and ceiling. Project management is still fun!

Click here to read more about another of Lee's post-retirement activities, woodworking.

MY RETIREMENT UPDATE

By Udai Singh (udaipsingh1@gmail.com)



At the partially damaged Patan Durbar historic site near Kathmandu, Nepal, after the 2015 earthquake.

Following my 40th Anniversary in April 2014 celebrating my time with CH2M HILL (first and only job) and the ensuing VRP (Voluntary Retirement Program) offer, I started my "phased" retirement in January 2015. Retirement activities first evolved into a blend of personal projects, fun family time, travels and some professional opportunities. One particular opportunity was helping a good friend part-time who owned an engineering firm and needed some help. I became a subconsultant for him and provided several key roles and services over the past several years and scaling the hours back as I desired. In addition I've continued my support of several key professional organizations (ASCE, WEF, EWRI) which I've been involved with for years.

In particular is the Asian Civil Engineering Coordinating Council (ACECC). ACECC was founded in 1999 by 5 countries (Japan, Philippines, S. Korea, Taiwan, and USA) and by now 9 other countries have also become members. For the last several years I have been on its Executive Committee (Governing Board) as a member representing USA. ACECC provided us an opportunity to travel and see more of the world.

Retirement has been exciting, enjoyable, and busy, and different, and I'm enjoying spending more time with family and friends while

keeping engaged to a lesser extent in the type of consulting I did at CH2M. It is very satisfying giving back to the profession, meeting and interacting with fellow professionals and future young leaders, and using related opportunities to see more of the world, including many travels with my wife Manju.

Udai's full bio is now posted on the CHAA website <u>here</u>. Udai's "Reflection – My Retirement" is also posted on the CHAA website here.



With Manju on the Berlin Wall during the Baltics cruise shore excursion.

KEEPING YOUNG AND ACTIVE AND TRAVELING By Frank Pita (frank@fwpitaconsulting.com)



After retiring from CH2M in 1983, I've been able to take all the lessons learned and knowledge gained from my work on large civil design and treatment projects to use in my consulting work. Take that experience, combine with my geology knowledge, and I'm keeping my brain young, active, and still earning travel money.

Learning geotechnical engineering came early on from folks such as Ed Worth, Dennis Marker, and Roger Lindquist... they were geotechnical / heavy civil design engineers. They taught us that a large treatment plant is a large civil / earthwork project that just happens to treat wastewater. Great mentoring on project management and problem management also from Dick Foster, Dale King, and Carl Ryden in Seattle.

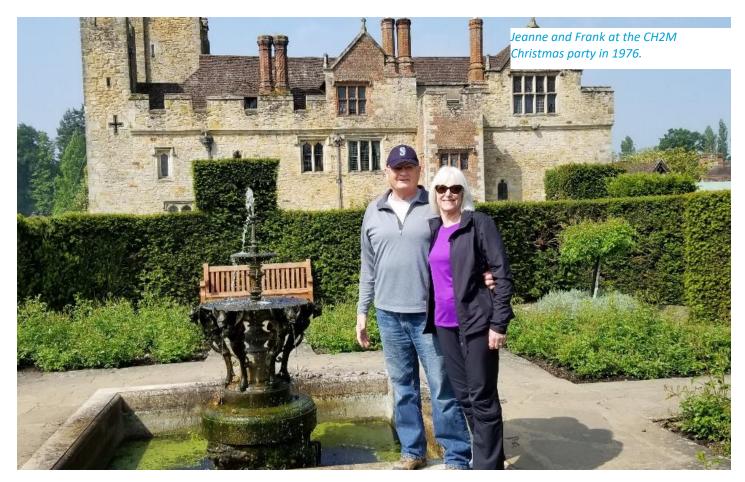
My projects included the geotechnical pile design for at least five of the new large container terminal piers at the Port of Seattle. It was fabulous work and I prepared three papers from it, also gaining valuable experience in dewatering and groundwater control. This is the type

of consulting work I still do in the very wet Seattle environment. Other notable experiences include earthwork for a new marina at Point Roberts, and doing emergency repair work for facilities after the 1980 Mt. Saint Helens eruption.

Happily, I'm now swamped with engineering work in my little cottage consulting business. I love this type of work and I can do it from anywhere that has Internet. Also keeps me doing something away from my wife of 50 years and she loves that. We've been able to travel, including a trip to England in 2018, as well as trips all over U.S., Alaska, and Mexico. Every winter for the last 15 years we drive from Seattle in the winter to Sun Valley, the Salt Lake Ski areas and then on to Vail where we have friends to stay with. Also, we have traveled to South America twice: first to Peru, Ecuador, and Galapagos Islands; then to Chile, Patagonia, and Argentina. We've taken trips to South Africa and to Europe (Italy, Switzerland, France, and Spain), as well as Scotland, Ireland, and over to Iceland. We were going back to Europe this year and to India but they are cancelled. We have a European trip planned for next year.



My wife already found a photo album from the CH2M Christmas party in 1976 in Seattle. Jim Poirot was the office manager then, and it was a bleak time in the engineering business. I remember asking him to give an uplifting talk and he did. The subject was how proud we should be to work in civil engineering profession and how much positive change we were making for society. That our clean water systems have saved many more lives than doctors ever did. I saw Jim years after when he was president of ASCE and reminded him of that speech and he remembered it and said he used the subject matter in many talks after that.



Frank and Jeanne on a trip to England in 2018.

ONE STEP AHEAD (OF COVID-19)

By Rick Fornelli (rafornelli@gmail.com)

David Whittaker and I met working together on the Thames Tideway Tunnel project in London in 2010. We were both program delivery managers and worked together through 2014. David was born in Canada, but his parents were from the Isle of Man and his home is in Ireland. David's sister and brother-in-law live on the Isle of Man and support the motorcycle (MC) race(s) on the island. Discussions with David of my long-held desire to attend the Isle-of-Man TT (Tourist Trophy) Race led to an invitation to visit during the TT Race. I had a great time, rode the TT course, and cemented my friendship with David around motorcycle adventures (Highway 1 from San Diego to San Francisco, Sturgis Rally in South Dakota, and a tour of the Italian/Austrian/Switzerland Alps).



But this story is about our latest motorcycle adventure. We decided to attend Bike Week in Daytona, Florida, during the first week of March 2020. David would fly to Atlanta and I would drive from Carlsbad, CA, trailering my motorcycle and meet at the MC rental shop in Marietta, Georgia on Saturday, March 7. I had originally planned to ride from Carlsbad but checking on the weather along the route changed my mind.



Rick at the Dragon's Tail road.

Fortunately, I have good friends who live in Marietta – Rick and Alyse Hirsekorn from the good old CH2M Corvallis days. I contacted them to find a place to park my Jeep and trailer; they found a spot and graciously asked me to spend the night with them before and after the MC tour.

Monday, March 2, I left Carlsbad; on March 6 I was on my way to Atlanta and reached Rick and Alyse's home in Marietta by 3pm. Great evening dinner prepared by Alyse, wine provided by Rick and fun discussion about kids, CH2M, Corvallis, and past co-workers. We had a great night remembering and laughing about the "good old days." On March 7, I met David and we departed at 10am for Douglas, Georgia. We had a great ride through the farm country of Georgia for 250 miles. We continued on to Daytona the next day and rode back to speedway and walked through all the manufactures' displays. We

then rode to NASA Space Center and took a tour of the facility. The crowd was light at the space center (COVID-19?).

Our travels continued to Clemson, South Carolina, and on to the Dragon's Tail, a famous twisty road for motorcycles, Highway 28, through the Smoky Mountains. We received a message from Rick Hirsekorn about concern over COVID-19;

however, when we stayed in Gatlinburg, Tennessee, and walked the streets of the tourist area, many people were out with no concern about COVID-19. We left for Atlanta on March 14 and got back in time to meet David's scheduled bike return and ride to airport. I went back to the Hirsekorns; his mother was staying with them and the concern regarding COVID-19 was increasing so I did not enter their house. Rick had arranged a local hotel room for me which was very considerate, but I decided to load bike and get as far as possible toward California.

On the ride home, COVID-19 precautions were fully in evidence at restaurant and motel stops. McDonalds in Flagstaff was only serving drive-through and quick-stop stores expected people to be wearing masks. Reached home in Carlsbad, at midnight. Good to be home with no mask requirement. All the way home I felt that COVID-19 was chasing me!

Rick's full story will be posted on the CHAA <u>website</u> within the next few weeks.



Rick and Linda Fornelli, Alyse and Rick Hirsekorn.

WOODWORKING ALUMS

In early 2020 we invited five outstanding woodworkers (Bob Chapman, Mike Mynhier, Dennis Sandretto, Jim Goetz, and Dave Ellison) to share their hobby stories. When we received their responses, we learned that woodworking was much more than working wood. Planning, design, building, sanding, and finishing are all elements of the project. More specifically, selecting the right wood, tool skills, and the right finish are key features that produce the artisanship.

And for several people, woodworking can encompass remodeling, renovating, and building a new home. For each, this lifetime hobby was all about making something useful of wood that could be shared with family, neighbors, or used as a fundraiser for charity. We invite you to their stories here. We also invite other woodworkers to share their story with us at ch2mhillaa@gmail.com.



Bob Chapman and the children's "giraffe" bookcase he crafted, ready for a benefit auction.



Mike Mynhier's first big project, a craft cabinet (before leaded glass panels added, made of heart pine. Best bud, Dave Ellison, on left



Dave Ellison crafted this walnut and ambrosia maple wagon for granddaughter Emma with an old English "E" as a license plate.



One of three small cherry cabinets, made for each of Dennis Sandretto's children.



Bob Chapman and the children's "giraffe" bookcase he crafted, ready for a benefit auction.



Lee Eick's wood art.

A MOTLEY CREW

By Mike Warren (<u>mwarren@warrenff.com</u>)

Here 's a Zoom meeting photo that was taken April 22 with several of the old Denver Water and Wastewater Group guys. Included were, top row: Murry Fleming (Tulsa, OK), Dave Dechant (Cedar Rapids, IA), Mike Warren (Des Moines, IA). Bottom row: Gary Swanson (Denver, CO), Don Calkins (Irvine, CA), and Dave Raby (Tucson, AZ and Minneapolis, MN).

I believe we all started with CH2M right out of college in various office locations around the country. But at some point in our careers we all found ourselves in the Denver office in the late 1970s and early 1980s. It was there that we developed quite a bond between us which has lasted for more than 40 years.



A CAREER IN TRANSPORTATION

By Tim Bevan (timbevan72@qmail.com)
I formally retired from CH2M in November 2018 when CH2M was integrated into Jacobs. A little about my career and where I am now: I had joined CH2M in 1981 after working 5 years for another firm and for the government. I started in Corvallis and moved there from Los Angeles; I had been working on rail transit projects and also some transportation planning. When I joined CH2M, the firm had about 1,900 employees and only about 20 transportation (traffic, airports, ports, highways) staff spread around the western U.S. Over the years the CH2M Transportation

In my career with CH2M, I transferred to Seattle in 1984, and also had temporary transfers to the San Jose and Southern California offices. Throughout the years I was able to work on and

Group grew to #4 in transportation

(Engineering News-Record).



Tim and wife Jan on a trip to Vietnam in 2019.

manage projects across all modes of transportation – highways, ports, airports and transit. I served in leadership positions as a department manager, operations manager, business development coordinator, and technology and quality manager. I was able to do technology and research work and I helped develop the Context Sensitive Solutions approach and also the Greenroads and INVEST sustainability rating systems for the transportation industry. I worked in about 35 states in the U.S. I also worked in to about 15 countries, including short stints in Saudi Arabia and United Arab Emirates. I was fortunate enough to have met Holly Cornell, Burke Hayes, Jim Howland, and Claire Hill.

After resigning from CH2M, Jacobs retained me in February 2019 to help part time as a strategic consultant on transit and highway projects in the Seattle area, where my wife and I still live. Now we've done a lot of world travel (at least pre-COVID, to Europe, Southeast Asia, the Middle East, and Caribbean Islands) and we help with our grandkids, including homeschooling during the pandemic.

HELLO, RECENT RETIREES/ALUMNI

GONE FISHIN'



After nearly 40 years with the firm, Greg McIntyre announced his retirement in January 2020. Greg joined the business in 1981 and has spent his entire career at CH2M/Jacobs. His long and storied career included being an instrumental part in CH2M's successful acquisition by Jacobs in 2017.

Prior to the Jacobs' acquisition, Greg served as president of CH2M's State & Local Governments (S&LG) Client Sector, where he led the firm's global business serving clients in the areas of water, environment, transportation and social infrastructure. Prior to leading the S&LG Client sector, Greg served as CH2M's Global Water Business Group president, where he had full responsibility for the global water business. Throughout his career, Greg has been a passionate supporter of Water for People, the Women's Network, and Harambee.

When asked what shaped his career and leadership approach, he said that there is one underlying theme – diversity of experience. During his nearly 40-year career, Greg had many different roles, including project engineer, project management, client service manager, business development, and operations and program management. He's worked in many different end markets and lived in five different locations, including an international assignment.

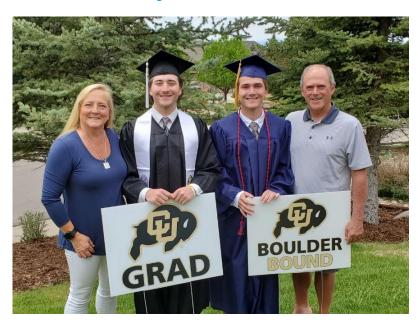
"I admit, my diversity of experience wasn't necessarily a strategy when I started. I simply said 'yes' to the opportunities presented to me. Sometimes what looks like a challenge turns out to be a bigger opportunity than you expected."

One of those "yes's" led Greg to leading one of CH2M's most iconic projects. Greg was the deputy program director for the London 2012 Olympic and Paralympic Games, in which CH2M was a leading member of the three-company international consortium responsible for planning, design, and construction of the infrastructure and venues.

Looking back after 38 years with the firm, Greg says, "I have many great memories of those early and formative years in Gainesville. Mostly of year round softball games followed by copious amounts of beer and chicken wings. Not to mention the 10 years of heading to the Bend softball tournament. I was really blessed to have a wonderful and diverse career that took us from Gainesville to Deerfield Beach, Atlanta, Denver, London and then back to Denver. Many thanks to my friends, colleagues, and mentors who contributed to my life experience at CH2M."



Greg and his catch.



Greg, his wife Carolyn, and their two sons.

For the near future, Greg and his wife Carolyn will stay in Colorado, splitting time between their places in Parker and Breckinridge, Colorado. With travel plans on hold, they are enjoying all the outdoor activities that Colorado has to offer (skiing, hiking, biking, golf, and fly fishing). Their oldest son just graduated from the University of Colorado, Boulder, and their youngest son heads off the CU in August.

CAREER WELL SPENT SATISFYING CLIENTS, MENTORING STAFF, AND RAISING THE GAME OF THE TECHNOLOGY ORGANIZATION — BROCK McEwen Retires

After spending his entire 35-year career with Jacobs, Brock McEwen, senior fellow drinking water and reuse technologist, retired on April 10, 2020. Brock joined CH2M right out of Texas A&M graduate school in 1984 and moved from College Station, Texas, to Denver, Colorado, which was his home-base for his entire career.

Brock, among other key hires in the early 1980s, launched the firm's municipal drinking water treatment business in earnest. Prior to that time, the company was primarily known for its wastewater treatment acumen. Since those early 1980s, CH2M and now Jacobs municipal drinking water business has grown dramatically and is recognized as a leader in water supply and treatment.



Brock, left, celebrating the Stockholm Industry Award.

Brock was a steadfast believer in the technology career path. During his career he served as a regional technology manager, the global technology leader for water reuse, the global technology leader for drinking water, and ultimately the global technology director for the entire CH2M water business — a position he held for 11 years. Brock firmly believes technologists were the heart of the business, critical to driving business development and project solution delivery excellence, for repeat client satisfaction. He is delighted that Jacobs has whole-heartedly embraced the technology career path.

"Capturing and leveraging our intellectual property to win and deliver work for our clients' most difficult challenges has been a cornerstone of Brock's career. The Water Business technology organization as established through

Brock's leadership has become the model for our Solutions & Technology organization as it's structured today," said SVP Tom Price.

During his career, Brock worked on water treatment and water reuse projects in 35 of the 50 states in the US and in nine countries across the globe. He's also to credit for developing some of Jacobs' first digital twin tools, specifically, Replica

Parametric Design (formerly CPES). It is also due to Brock's leadership in water reuse that CH2M was awarded the Stockholm Industry Water Award, (known as the Nobel prize for water), for leadership in potable reuse. The award is presented annually by the Stockholm International Water Institute and honors outstanding and transformative water achievements by companies that contribute to sustainable water management. Brock also received CH2M's CEO Excellence Award.

In retirement, Brock and his wife Andrea have moved to Irondequoit, New York, on the shores of mighty Lake Ontario to enjoy retirement. From a career in the southwest marked by preparing municipalities for ever more common drought and dodging wildfires, to the land of plenty of water, Brock says the climate of the area is a welcome change. He and his wife plan to do some traveling, especially after the pandemic subsides. In the meantime, he is enjoying having fewer responsibilities and more freedom. Says Brock, "I haven't had a lawn to mow for 20 years, so I'm relearning an old skill (grass farming!) that was one of my chores growing up."



Brock in his new role as "grass farmer."

CELEBRATING VIRTUAL RETIREMENT

After 33 years working for CH2M and Jacobs, Paul Berg has retired. Friends, family, and co-workers celebrated with a virtual retirement party in May held via an MS Teams meeting, where people posted and chatted best wishes, stories, and favorite memories.



Paul started in the Corvallis office in October 1987 as a water treatment engineer and later became project manager and Water Business Group manager. His project work took him across the globe, including Jordan and Africa, in addition to water treatment and

distribution projects across the U.S., including the Reedsport Water Treatment Plant, the first ozone treatment facility in Oregon, and the McMinnville Water Treatment Plant expansion.

He also brought creativity to his work, inventing a peddle or hand crank operated UV disinfection device, and brought his engineering expertise to Africa through Engineers Without Borders.

Jo Danko, Corvallis, wrote at the virtual retirement party, "Congratulations on an incredible career. Thank you for all the great projects you participated in. Further,

I am so inspired by the work you did in Africa. The ultimate role model for Engineers Without Borders."



Tom Engleson, Corvallis, also wrote, "Congratulations, Paul. It was always a pleasure working with you. For 25 years, you were my go-to guy for questions on process, project experience, regulatory, etc. I always admired the way you recognized early on what the next trend in water treatment was going to be, and very quickly established yourself in that area. Best regards."

Check back on the CH2M Alumni website next month to see the full presentation from Paul's virtual retirement party.

FROM MAJOR PROGRAMS TO MAJOR RENOVATION

By Randy Hoffman (hrhoffman0651@gmail.com)

I was born in Vancouver, British Columbia, in 1951, and moved to Portland, Oregon, with my family when I was 3 years old. From a young age, my Pennsylvania Dutch heritage instilled a utilitarian work ethic that included working for pay in berry fields and produce farms and extended to warehouse and factory jobs to pay for college. While working on a degree at Oregon State University, I secured a gardener/handyman job with Fred Merryfield. In the spring of 1974, midway through my second year working for Fred, he informed me that a summer intern job was waiting on the Clackamas County sewer project out of CH2M's Portland office.

After receiving a master's degree in environmental engineering in 1976, I began a full-time engineering career with CH2M, working on water system pipeline, pump station, wells, and treatment projects. While in Portland, I became intrigued with CH2M's international work listening to Les Wierson's stories. My first opportunity appeared to come with



Randy at the New Haven Skate Park.

a major win in Sri Lanka, but global politics intervened to permanently stall the contract. Finally, I got an assignment in Amman, Jordan, in 1983 for 3 months before relocating with my family to Reston, Virginia. I then became part of CH2M's strategy to integrate the firm's East Coast/West Coast cultures with strategic personnel relocations. Shortly after arriving on the East Coast, CH2M's president, Lyle Hassebroek, asked me to recruit an East Coast softball team to take to the annual Bend, Oregon, softball tournament. The response was overwhelming, with several non-playing employees donating airline miles to help the 15-member team make the trip.

Within a year of arriving on the East Coast, I led a team in a design competition for a new, state-of-the-art water treatment plant in Newport News and was eventually asked to work on the US Agency for International Development's Environmental Technology and Policy Program in the former Soviet countries. After spending several months travelling back and forth to Siberia, I moved to Moscow in 1994 to open CH2M's commercial office developing business in the former Soviet countries.

Unfortunately, at some point during my travels in former Soviet countries, I was exposed to radiation and developed Myelodysplastic Syndrome (precursor to Leukemia). This led to intense radiation and chemotherapy treatments, followed by a stem cell transplant. After more than 7 years of recovery, I was cleared to return to work.

In February 2007, I landed in London, UK, as a member of the 2012 Olympics Program. With support from team members, I was able to contribute to the success of building an iconic, \$10-billion park for London's eastside. From there, I worked on major programs in Baton Rouge, Louisiana and then Fresno, California before retiring from the firm in 2018. I spent my first year of retirement overseeing major renovation of our 1912 vintage craftsman house in New Haven, Connecticut, next door to our son Willie. I've also been working with local group building a 5-acre meditative park in remembrance of local youth victims of gun violence. In addition, my wife Kathy and I have been travelling to see our daughter Jessica in Seattle.



Randy and his 1912 craftsman house.

SURPRISE VIRTUAL RETIREMENT FOR DIANE KESTNER

(Intro by Jory Abrams) On July 16 a surprise virtual retirement party was held for Diane Kestner via Microsoft Teams. Shelley Richards and Gary Connor organized this event so co-workers and family could gather to toast Diane, share stories and laughter and wish her and her husband, David, happy trails as they enter this new phase of their life. All the hugs were virtual but a good way to say farewell in these times.

(Diane Kestner) I began my career with CH2M in March 1993 in the accounting department and transferred to the Portland Transportation Business Group in 1995. I retired as a senior project coordinator, supporting project management, including contracting, subcontracting, invoicing, and project controls for projects of all sizes. As a project coordinator, I worked closely with project managers, contract managers, and project accounting, functioning as a



conduit between team members to free up the project manager from internal processes. I developed working relationships directly with clients and many subconsultants; as reliable source of information and provide process guidance to subconsultants.

I had a surprise virtual retirement party last week – I appreciated the effort and kind words my coworkers offered. It was nice that my family was included as CH2M has been a big part of their lives too.

Next up is RV life; my husband, David and I have our first trip planned to Glacier, Yellowstone, Grand Tetons, Flaming Gorge Reservoir, Great National Sand Dunes. This will be a 2 month adventure in our 35-foot fifth-wheel trailer. After that, we'll circle around the US border, ending up in Vermont in Oct 2021! Great times ahead for us, and we are grateful for the opportunities CH2M provided our family during the last 27 years!

[Publisher's Note: This is a great example of how our readers can help us connect with our legacy alumni and honor their time with CH2M HILL. On a recent call with Jory she mentioned Diane's upcoming retirement. I asked her the details, and we quickly snagged it for this issue. Thank you Jory, and I hope we'll hear from others when they hear about any legacy staff retiring or changing jobs. It's as easy as an email note: gkoblitz1@outlook.com [2]

CH2M HILL Alumni Association News

By Don Marske (donmarske@gmail.com)



On April 27, your Board of Directors convened via telephone (no Zooming yet) for their First Quarter meeting. It was a generally good news meeting.

Under New Business, the Board heard and approved a suggestion by Rick Luebbers that a committee be formed to prepare a Strategic Plan to facilitate the growth and sustainment of the Alumni Association. Mark Alpert, Jay McRae, and Jory Abrams will join Rick as they look to preparing a draft plan for the Annual Meeting in January.

The Board also heard that First Quarter income was \$2,125 against expenses of \$1,482 leaving a net balance of \$643. That was then. As of today (July 12), income has risen to \$7,750 thanks to several generous donations while expenses have been kept to \$3,407 thanks here to our very efficient webmaster, Dan Lagomarsino. This leaves us with net

balance of \$4,343 today. Prospects for another financially sound year look good.

Speaking of generous donations, we recently learned that the recent CARES Act provides an alternative to taking the required minimum distribution (RMD) from your IRA. Individuals over age 72 may now make qualified charitable distributions (QCDs) directly from your IRAs to a qualified charity (that is us), and thereby keep the distribution out of your adjusted gross income (AGI). If this is of interest, we recommend discussing with your tax accountant.

As of today, we now have 194 paid 2020 members. This is a little over 50% of our goal of 360 members for 2020. The major shortfall is that 65% (153) of our 2019 members have not yet renewed. We suspect that it has just slipped their mind. We hope the release of this newsletter will provide the reminder.

Our Master Alumni Roster now stands at 2,150 deliverable emails, up from 1,800 in January. Since January, we have deleted about 300 accounts that did not open the last four emails with the assumption they would not open any future emails. We are quick that way. This was balanced by the addition of 500+ accounts resulting from the work of Gordon's Legacy Outreach Program. The majority of these are coming from our colleagues in the Southeast Region, thanks to the efforts of Terry Sheldon.

Our refreshed website, ch2mhillalumni.org, continues to get rave reviews. If you have not jumped on yet, we think you will agree it is one-of-a-kind in our industry. A really neat recent addition is the compilation of our esteemed woodworkers' hobbies, which we have highlighted on the website's Home Page. Take a look. Woodworking is indeed more than working wood.

If you have any questions about the Alumni Association membership, or its programs, please feel free to contact me at ch2mhillaa@gmail.com.

Again, thank you to all who have joined, renewed, and donated so far in 2020.

Don Marske CHAA Director, Treasurer

Meet Your CH2M HILL Alumni Association Members!

We are especially pleased to introduce our continuing and new members of the CHAA as of July 24, 2020! We also like to include a list of all the spouses of our deceased alumni who, by the way, receive their complimentary membership free of charge. If you know others who qualify, please let us know.

We hope you all will look over the list below, and if you DON'T see some of your good friends or colleagues, reach out to them and encourage them to join. If any of our readers haven't yet joined (or need to renew) and would like to support our goals and activities, please contact Don Marske at ch2mhillaa@gmail.com or go to our CHAA website: https://ch2mhillalumni.org/ and click on Membership.

Our CHAA Members:

Jory Abrams Scott Ahlstrom **Omur Akay** Lisa Alliger Mark Alpert Melody Ambrose Jerry Anderson Mike Anglea **Katherine Arnett** Sheldon Barker **Randall Beavers** Richard Bedard Gary Beech Tim Bevan Eros Bilveu Tom Bissonnette James Black John Blakney Jim Bloomquist Bill Blosser Jane Bower **Clifford Bowers** Jerry Boyle Mike Bracken Mark Bricker John Caldwell **Don Calkins** Dale Cannon **Bob Card Bob Chapman** Yueh Chuang Ron Cilensek **Brent Claiborn** Ken Clegg Kent Cori **Charles Crandall** Wynnlee Crisp **Eric Cutbirth** Glen Daigger Floyd Damron **Debbie Danitz**

George Davis

Stu Davis

Starr Dehn Randy Denton Michael Doleac Ted Downen **David Dunagan** Jerry Duppong Richard Dyne Steve Ebe Lee Eick Dave Ellison Richard Emanuel **Dennis Erwin Dave Evans** Julianne Ewings Ben Fergus Sarah Finelli Mike Fisher Jerry Foess **Robert Forbes** Rich Frankenfield **Russ Freier** Henry Friedman Susie Gaare JoLee Gardner David Gee Steve Gelman Jean Gibbs Scott Gibbs Richard Glanzman Leila Goodwin Tom Gorman Frank Gray **Doug Griffes** Maurice Gunderson George Gunn Michael Guthrie Gary Guyll **Roger Haines** Tom Haislip Marlin Hales Carl Hamann

John Hanula

June Ann Hassebroek

Chuck Hedel Kent Heppe Gary Hermann Don Heyer Tom Higgins Jacque Hinman Randy Hoffman Lawrence Holm Wayne Holt **Thomas Holz Grace Horning Richard Horning** George Howroyd Dick Jacobson Frank Jenes **Doug Jenkins** Kristen Jenkins Richard Johnson **Bryan Jones** Mike Jury **Gary Kangas** Anne Kernkamp Susan King Pat Klampe Thomas Klin Gordon Koblitz Jim Kramer William Kreutzberger Steve Lackey Dan Lagomarsino Ed Lance **Judy Lasswell** John Lee Patrick Lefebvre **Kurt Leininger** Mark Lepkowski Sherri Liebhauser **Troy Lister** John Livingston Rick Luebbers Thomas MacBrian

Skip Martin Craig Massie Collin Matheny **Brock McEwen** Greg McIntyre Bernie Miller Gary Milne **Ed Minchew** Karen Mitkowski Tsachka Morag **Bob Morrison** Michael Morrison Terry Moyer Michael Mynhier Jim Nagel Mary Neuman Ken Nichols Gordon Nicholson Vickie Nissen Stringfield **Robert Norton** Linda O'Connor **David Odom** Brian O'Halloran Don Olson Tony O'Neill **Bob Pailthorp** Willie Paiz Jim Parrish Mike Payne Wayne Pearson Sally Peek Nancy Penn Bill Phillips Larry Pinson Frank Pita Sherril Pitkin **Doris Powers Nolan Randall** Glenn Rehberger Glenn Richter Tom Ridgik Dana Rippon Steve Rockenstein

Jay Mackie

Don Marske

John Roderick **Timothy Shea** Robert Rosain Terry Sheldon **Udai Singh** Dean Rue Ed Sloan Sally Ruggles **Donald Russell** Philip Smith Vince Rybel Randy Smith Michael Sailor Ron Staehlin **Dennis Sandretto Daniel Stock** Arthur Storbo David Schertler Max Schmiege **Gary Swanson** Jhan Schmitz LeRoy Taylor Jim Schwing **Howard Thomas Kevan Sharp Paul Thornhill Graham Sharpe Doyle Tinkey**

Connie Toole Carolyn Torkko Sue Townsen Jerry Tracy **Robert Trebble** Kelley Tyler Bud VanDerAa Peggy VanHemert Ronald Vaughn Valeria Vick Leann Vigna **Bobby Vilker** Charla Vrchota Dan Walters

Tom Walters Gina Wammock **Steve Wanders** Mike Warren Peter Wiedemann Nick Winnike Tom Wolf **Bryant Wong** Linda Wright Ron Wycoff Ray Yep

HATS OFF TO OUR CHAA DONORS!

In our July issue we offer our special thanks to our new 2020 members and current members who kindly went above and beyond their annual membership fee by contributing an extra amount to help us with our mission into the coming year, albeit a challenging one! We wish to acknowledge all our donors, and we appreciate every gift given.

Listed below are our 2020 donors to date through July 24, 2020, at the different levels we established. This is voluntary, of course, and can be done anonymously, if desired. Please note that just the members who have donated to date are acknowledged in the July newsletter. All donors will be acknowledged annually in the January issue. Donations will be accrued and donors will be acknowledged in bold type and asterisk when a new level is attained at the Booster level and above. Members who attain the "Sustainers" level and above will receive a lifetime membership and recognition in every issue as a small token of our appreciation.

A major portion of the donations were used to complete the upgrade our Association website (accessibility, content, security and enjoyment), continue our member outreach program, and help to promote local member groups. Updates regarding these efforts will be included each newsletter. Again, thank you all for your generosity!!

2020 CHAA Supporters: \$1-\$99 **Katherine Arnett** Sheldon Barker **Randall Beavers** Jane Bower **Debbie Danitz** Starr Dehn Ted Downen David Dunagan **Robert Forbes** Carl Hamann **Thomas Holz** Dan Lagomarsino **Ed Lance**

John Lee

Patrick Lefebvre **Kurt Leininger** Don Marske Bernie Miller Gordon Nicholson David Odom Sally Peek Larry Pinson **Doris Powers** Glenn Rehberger Sally Ruggles Ron Staehlin Arthur Storbo **Dan Walters Steve Wanders** Mike Warren

Nick Winnike CHAA Boosters \$100+ Jory Abrams Mark Alpert* Randy Denton Steve Ebe Mike Fisher June Ann Hassebroek Pat Klampe Jim Parrish* **CHAA Sustainers**

(Lifetime Members) \$500+ **Anonymous Donor**

Bob Card

Gordon Koblitz* **Greg McIntyre***

CHAA Patrons (Lifetime Members/Recognition)

\$1,000+ Judy Lasswell **Rick Luebbers* Bob Pailthorp**

CHAA Benefactors

(Lifetime

Members/Recognition)

- \$5,000+ Jacque Hinman

CHAA Champions (Lifetime Membership/Recognition) - \$10,000+

Well, we need to be optimistic and aim high for the long haul!



SPECIAL CHAA MEMBERSHIP OUTREACH UPDATE

We're continuing to make good progress with our CHAA Membership Outreach to the legacy CH2M HILL staff still working for Jacobs. Our Outreach Committee consists of Gordon Koblitz, Chair, and Directors Anne Kernkamp (SW Region), Jory Abrams (NW region), Terry Sheldon (SE Region), and Nancy Schultz (NE Region). In addition to coordinating office contacts in their particular region, everyone is helping one another track down legacy colleagues.

Thanks go to many of our new retirees who volunteer their legacy contact information or reach out to their colleagues to join CHAA. It's critical to contact our legacy alumni across the country who are still working or retiring before we lose track of them. Equally helpful are the many newsletter readers who check our member list and let us know of anyone NOT on our list that we can contact about becoming members! Might that be you in the near future? We hope so! Our intent is to continue focusing on contacting the legacy CH2M staff in the major offices over the coming months to inform them of the CHAA mission, solicit their support and offer them the opportunity to join now or later, as they desire.

Please let Don Marske know via CH2MHILLaa@gmail.com or Gordon at gkoblitz1@outlook.com if you can help with furnishing your legacy or alumni contacts. Thanks in advance for your help with our outreach program!

Goodbye, Old Friends

LYLE HASSEBROEK



Lyle Gerald Hassebroek was born Sept 11, 1941, and died peacefully with his beloved wife by his side on May 21, 2020, after 12 years of Parkinson's Disease. Lyle grew up in Burkhart Wisconsin, received a civil engineering degree from the University of Wisconsin, and then moved with his high school sweetheart and wife June Ann (Colbeth) Hassebroek out west to work for CH2M in Corvallis, Oregon. After a few years they moved up to the Seattle area, where they raised their two children, John Scott and Deborah May.

Although moving frequently as a part of his work with CH2M, he always stayed connected to his roots in Wisconsin. He was recognized by the University of Wisconsin for his work on the "VISION 2000 Committee," and also by Triangle National in 2018 for his personal achievement, his contributions to the development of sanitary and environmental

engineering. He and June Ann lived and developed connections in Atlanta, Georgia, and then Denver, Colorado, where he ultimately became President of CH2M. While work demanded his attention, he always made sure there was room in his life for fun. Every summer for decades there was the CH2M softball tournament in Bend, Oregon. In 1996, recognizing that there was still so much life to be lived, Lyle retired at age 55. The scrapbook created by coworkers emphasized his mentoring, giving encouragement and guidance with genuine interest in each individual. One of the firm leaders said, "a person can learn skills for being a top notch engineer but leadership must be learned as well as earned and implemented with the heart." This was Lyle's strength.

In retirement, Lyle and June Ann moved from Denver back to the Seattle area where their grown son and daughter had remained during the move to Georgia and Colorado. Soon everyone in the family was living in the beautiful rural Snoqualmie Valley. So many retirement adventures awaited: four grandbabies were arriving and calling. The Bellevue Botanical Garden (BBG) had been recently established. Long-time friends encouraged Lyle to step in as president of the BBG Society. Both Lyle and June Ann love gardening and the Society was eager for his management skills as well. He helped the board create the mission statement and Trillium logo and installed many of the leadership methods that worked well at CH2M.

In tribute to his Dad just after he died, his son John said it best: "My dad embodied kindness, gentleness, devotion and self-sacrifice. He taught all these things just by being. Being there for anyone who crossed his path. He was the rock around which everything can orbit, and everyone can hold onto when the water gets too high. He was always that. And even during his last slow declining decade, he never lost his glowing heart or sparkling eyes and ever present sense of humor. I will miss my Dad every day, but I will do it with a smile."

Says daughter Debbie, "As Mike Morrison, Mike Doleac, Greg McIntyre or Bob Bailey can tell you, one of the greatest memories of dad's years at CH2M include his years playing softball (2nd base, so many hits to the infield, but always managed to get on base). My childhood revolved around those games, here in Washington and then the annual softball tournament in Bend, Oregon. After my parents moved to Atlanta in 1983 to head up the Southeast, it was so much fun to meet up in Bend and for him to manage/coach the SE team, and my girlfriends and I were their cheerleaders. Those

were the days! As many have told me, even though he was a 'big boss' in the company, he mixed right in with everyone, having fun, treating everyone as equal."

Lyle is survived by his wife of nearly 6 decades, June Ann (Colbeth), brother Marvin Hassebroek (wife Becky), son John Hassebroek (partner Kalen Grove), daughter Deborah Wilk (husband Paul Moffitt), daughter-in-law Dawn Henry, grandkids Riley Wilk, Carson Wilk, Percy Hassebroek, Mar Hassebroek. And so many loving nieces and nephews and cousins and other relatives and friends. A memorial garden feature is planned for the <u>Bellevue Botanical Garden</u>, donations can be made directly in Lyle's name.

DONALD SHOWALTER



Don was born in Lone Pine, California, on October 22, 1929. He moved to Ventura, California, in 1947 where he attended Ventura Junior College. His schooling was interrupted when he was drafted into the US Army during the Korean War in October 1952. He was stationed at the Sacramento Signal Depot and worked as a signalman until he was honorably discharged in 1954. Following his service, he moved to Reno, Nevada, where he attended the University of Nevada, Reno, and graduated in June 1956 with a BS degree in civil engineering.

Don and his wife Dorothy moved to Redding, California, in 1956 where he began his long career as a civil engineer at Clair A. Hill and Associates. Don served on several construction projects as inspector and contract administration including the Glenn Colusa Irrigation District's main pump station, and the South Lake Tahoe wastewater reclamation project. He retired from CH2M in 1990.

Don's passion was always aviation. He earned his pilot's license and built two sail planes as a member of the Experimental Aircraft Association. He was also a member of the Whiskeytown Sailing Club where he built the beautiful Snipe, *Monkeyshine*, and sailed with Dorothy as his crew. He later built more El Toro sailboats for family and friends. He was a craftsman in every sense always building furniture, or something in his shop.

Don died on April 11, 2020.

DEAN PARSONS



Born in Crabtree, Oregon, in 1933, Dean attended the University of Washington where he received his bachelor's degree in civil engineering (1957), and the University of Southern California where he earned his master's degree in civil engineering (1970).

At the University of Washington, Dean was an outstanding athlete lettering in football, track, and basketball including serving as captain of the basketball team, along with many other honors.

Dean joined CH2M in 1959 in the Corvallis office, where he served as a project engineer and manager on several water and wastewater projects for communities throughout Oregon. Dean left the firm in 1967 to pursue other interests, including his master's degree, before returning in 1974 to again serve as a project manager and manager of recruiting and staff manager for the next 19 years.

He was active in professional societies including the Professional Engineers of Oregon (PEO) and the National Society of Professional Engineers, where he held several major offices at the chapter, state, and national level. He was named the Engineer of the Year (1989) by the Mid-Willamette Valley chapter and State Engineer of the Year (1990-1991) of PEO.

Dean died on March 2, 2020.

LARRY MARTIN



Larry Martin, 73, passed away February 17, 2020. He was born July 24, 1946 in Olympia, Washington to David and Vera Martin. Larry started his career with CH2M in 1973, and would stay more than 40 years, guiding some of the region's most significant infrastructure projects including the O'Hare Modernization Program and the Elgin O'Hare Western Access Project. However, Larry's impact was most felt in his ability to connect with people, and in his commitment to guiding and mentoring young staff – who today carry on his tradition of striving for technical excellence, but also leading with kindness and compassion.

He is survived by his wife of 25 years, Linda, his son Ryan (and wife Jennifer), his grandchildren Benjamin and Macy, and his sister Marianne (Jack Owen) Martin.

Says David Bennion, "Larry came to Boise shortly after 1976, not exactly sure on date, as a planner and was in Boise until the mid-1980s; I believe he started in Seattle or possibly Portland. He left Boise to work on some major hazardous waste and Superfund work in the Chicago area. Larry made a significant contribution to the Boise Office; he added a lot to our multi-discipline approach and thinking about our projects. We started a new business support team that Larry headed up to work with the Divisions in pursuing new projects and clients, added the first editors/technical writers. This model became very successful in pursuing new types of work outside our traditional market areas. A great example was Larry helped me pursue the early Salmon Hatchery work, which was the McCall Hatchery. McCall was the first hatchery for the Snake River Anadromous Fish Recovery Program; we were selected to do the design development study in 1979, followed by the final design in 1980. This was the start of a number of major salmon and steelhead hatchers projects we did throughout the Northwest and Canada for different clients. There were several environmental science and fisheries specialists and engineers added to create really neat fisheries facility and environmental study/planning teams.

"His son, Ryan was just a couple of years older than my daughter, we lived next door to each other and spent lot of time together with the kids. Ryan ended up graduating in civil engineering, specializing in airports and transportation. Fifteen years later Ryan went to work for CH2M in Denver and is in the Seattle area now."

Says Tom Haislip, "Larry, the planner, and I, the scientist, started working as a team the very first day (September 1979) I started with CH2M in the Boise office. We continued that very close relationship until he left several years later for Milwaukee. His family and mine grew very close during those years and I remember those times as some of my best memories. I will miss him."

Adds Sheldon Barker, "Larry is certainly a key figure from my memories of the Boise office back in the 1970s. We did a lot with he and his wife. I remember going wood cutting in the fall. I remember when he built his house up by David. He had the first computer game. And I remember skiing with Larry. One night up at Bogus we had a couple of beers and he ran his van off the road on the way down. Not a big deal, we just pushed it back up on the road, gave him a bad time and were on our way. I am going up tomorrow and I am sure I it will bring back more memories. Last time I saw Larry was in our office out by Chicago O'Hare when he was working on the airport program. I did not know he was ill, but I do know he will be missed."

KATHRYN LEA



Kathy died Thursday, December 13, 2018 in Mukilteo, age 78, following a long illness. Kathy spent most of her life in the Seattle area, graduating from Ballard High School and the University of Washington, where she was a member of Alpha Phi Sorority. Following college, Kathy was a teacher in San Luis Obispo, California, before settling in Bellevue where she raised two children and lived until retirement after working many years at CH2M (starting in 1981) as an administrative assistant. Besides friends and family, Kathy's great passions were University of Washington football, reading and helping others.

Kathy is survived by her son Charlie and his wife Marie of Oslo, Norway, and her daughter Susan Neelley and son-in-law Mike of Mount Vernon, and grandchildren Filippa Lea and Lilly Lea.

www.Legacy.com

MARY TORGERSON



Mary Elizabeth Torgerson was born in Seattle, Washington, on November 10, 1944. She was the only daughter of George Glenn Raymond and June Mary Burd. Before she could meet him, her father was killed in action during WWII on what would have been his first Father's Day. Her mother later married Dick Langdon and the family quickly began to grow. With 10 brothers and sisters, family became a main pillar in her life.

Mary graduated from Seattle University with a bachelor's degree in business. She spent most of her career as an operations manager at Entranco Engineers and CH2M. Mary married Rick Nielsen and had two daughters, Colleen and Judith. Although the marriage ended, Mary would soon meet the love of her life, Ron Torgerson, with whom she had two more children, Aaron and Jolene. Ron and Mary raised all four children at their home in Bothell. When Ron and Mary

became empty nesters, they relocated to Renton, Washington; they were married for 46 years.

She enjoyed golfing, bowling, dancing, singing, playing cards, attending church every weekend, volunteering in the church library, being with family, and making friends everywhere she went. She was a social butterfly, and loved to be out and about. Everyone was family to her. Mary passed away in July 2019; she is survived by her husband, Ron, her children, and several grandchildren.

JOHN ARTHUR MARTINSEN



On June 4, 2020, John Arthur Martinsen, 76, passed away from cancer at home in Corvallis, surrounded by his loving family.

Born in New York City, in 1943, John was the son of Clarence and Doris Martinsen. He spent his childhood in New York City prior to moving to Washington State to attend college. He received his bachelor's degree in civil engineering from Walla Walla College, Washington and his master's degree in environmental engineering from Washington State University in Pullman, Washington. In 1967 he married the love of his life, Linda, in Puyallup, Washington, and they moved to the Chicago area where they lived for 10 years and had three children.

In 1977 he moved to Corvallis, with his family. John worked for CH2M in Corvallis approximately 20 years as an environmental engineer, and eventually changed careers to become a financial advisor/manager with Wells Fargo until his retirement.

John had a passion for community service, volunteering in many areas, including church, his children's school, Trillium Family Services (Children's Farm Home), Lumina Hospice (Benton Hospice), Greenbelt Land Trust, and with the Corvallis Rotary Club. He had a love for the outdoors, rafting, skiing, running, golf, hiking, mountain climbing, reading, sports, ice cream, Linda's chocolate chip cookies and activities with family and friends. Always an adventurous spirit, John had been planning to ride the zip line at Mt. Bachelor for his 77th birthday this year.

John was well known for his humor, generous and kind spirit, and excellent memory. He was a great listener, and always made others feel good about themselves. Three years ago, to celebrate their 50th wedding anniversary, John and Linda enjoyed an Alaskan cruise with their children and grandchildren. Last summer, he enjoyed touring the Serengeti with family and several friends.

John is survived by his wife, Linda; daughter, Julie (Richard); sons, Brian and Thomas; and several grandchildren.

WILLARD (BILL) BLUCK



Bill Bluck passed away in Las Vegas, Nevada, on January 10, 2018. He was born September 28, 1939, in Salt Lake City, Utah, to Willard F. and Mary Bluck. He was raised in Salt Lake City, graduated from East High School and then entered military service. Upon his discharge, he returned to Salt Lake, majoring in metallurgical engineering at the University of Utah. There, he met Kathleen (Kate) Rosier and they married in 1959. Both enjoyed the outdoors, camping, fishing and hunting. A son, Greg, was born in 1960 and a daughter, Traci, in 1963.

The family moved to Boulder City, Nevada, in 1964, where they purchased their first home. They enjoyed fishing and boating at Lake Mead and Lake Mohave, hunting, motorcycling and 4-wheeling in the desert, as well as the unique character of nearby Las Vegas.

Bill worked in Henderson, Nevada, as a process engineer, aiding in producing titanium ingots, a relatively new industrial metal required at that time by the aircraft and space industries. Its production involved the use of power metallurgy, plasma arc welding and vacuum arc melting. Bill relocated his family for a brief work assignment in Long Beach, California, where son Keith was born in 1966.

In 1968 an employment opportunity took the family to Monroe, North Carolina, where Bill managed the startup of a new titanium ingot production facility. In 1973, Bill and his family settled in Grantsville, Utah, where he joined a consulting engineering firm working in the coal industry. Bill's engineering consulting practice grew, and CH2M purchased the firm, bringing Bill into the CH2M family. Bill and Kate moved to CH2M's Denver office to manage mine waste related to cleanup projects in Colorado and other western states, and in early 1990 they moved to Helena, Montana, where Bill was appointed manager of CH2M's project office. The Helena area was home for the next 27 years. Bill managed and worked with numerous mine related Superfund cleanup projects in Montana and other western states. In 1995, Bill elected to take early retirement from CH2M.

Bill enjoyed hunting, boating, river float trips, riding, and packing his mules into the back country, where he loved fly fishing in beautiful remote locations. He and Kate enjoyed trips to Hawaii, Alaska, New Zealand, Australia and trips throughout the west in their truck and camper or travel trailer.

Bill was proceeded in death by his parents, his brother David, his daughter Traci, and wife Kate. He is survived by sons Greg and Keith, and grandchildren Allison and Alexander.

TERRI LORRAINE SPENCER



Terri Lorraine Spencer, wife of CH2M colleague John Spencer, died in November 2019. She was born December 19, 1946, in Port Angeles, Washington, and was in the first class to graduate from Cascade High School in 1965. She attended the University of Washington, where she met John Spencer and graduated with a degree in business administration. Terri and John married in 1968. Following school, they moved to Olympia, Washington where Terri began her lifelong passion to better the lives of children. While in Olympia, Terri formed the Glenna Overton Children's Orthopedic Guild and worked with the school district to ease the burden of double shifting students. Terri and John moved to Lake Stevens, Washington, in 1984, where they lived in the family home on the Lake. Without hesitation, Terri continued her passion for her community, schools, and childhood education, and led the formation of the Clean Lake Association to protect Lake Stevens. Terri was elected to the Lake Stevens School Board in 1991

and served through 2002.

Terri was also an active member of the Snohomish Arts Council and was vital in the development of the Schack Art Center. Among her other endeavors, she worked with the Rotary Club, building the Avanti House, a home for teenage moms. In her free time, she loved biking, boating, downhill and cross country skiing, and arts and crafts. Terri and John also enjoyed attending the theater and symphony, and traveled the world together.

She is survived by her husband, John; daughter, Lorraine, son, Peter, daughter-in-law, Lisa; son, Jeff, daughter-in-law, Chrissy; and seven beloved grandchildren. For anyone wishing to send John condolences, his address is 9925 N. Davies Road, Lake Stevens, WA 98258.

DON KING



Don King, 73, passed away on July 22, 2020 at his home surrounded by his family after a nearly 20-year battle with Parkinson's disease.

Don was born September 9, 1946 in Sweet Home, Oregon, to Lyle and Dorothy King. He worked summers for his dad in the logging industry, setting chokers and cutting timber in various locations including clearing for Green Peter Reservoir. Don always said there were two kinds of choker setters, the quick and the dead.

Don graduated from Western Mennonite School in Salem. He married his high-school sweetheart and loving wife of 53 years, Erna Stutzman, on June 30, 1967. Shortly after their wedding, they served two years of voluntary service at Mennonite Central Committee in Akron, Pennsylvania. After attending Chemeketa Community College, he went to work at CH2M, where he spent 35 years working as a design specialist. Don worked with George Silkworth, one

of CH2M's first corrosion engineers. He spent many years working in the corrosion field and also worked with Ralph Peterson, John Graham, and Al Amoth, among many others.

Don was a quiet man and was gentle and caring to those around him. He had a quick wit and a sense of humor that often belied his quiet nature. Until his last day on earth he had his family laughing with unexpected wisecracks. He loved to hunt, fish, and golf with his boys and his friends. He enjoyed working on cars, especially his 1949 Ford Panel truck, which he beautifully restored. He was well known to be capable of fixing almost anything, and was always willing to help a friend or family member in need.

Ministry was also an important part of Don's life. He and Erna served in the role of deacon at Fairview Mennonite Church for 18 years. They also served in youth and single adult ministries over the years. Don's wisdom and leadership made him a mentor and role model for many people over the course of his life. He touched many lives even as his disease slowly robbed him of his mind and body.

Don and Erna enjoyed vacationing in Hawaii with friends. He also enjoyed camping and made many trips to the coast or the mountains to camp with friends and family. His heart was in the quiet places in nature and he spent as much time there as he could. Don is survived by his wife Erna, his brother Mike (Sandra) King, sons Lance (Stephanie) King and BJ (Kyla) King, daughters Trina (Brad) Ils and Kendra (Bryan) Rehnberg, 14 grandchildren, one great-grandson, and many nieces and nephews.

JIM SPITZER

Jim Spitzer died in June 2019. Jim was a senior instrumentation and control engineer in Atlanta and Detroit. The notice came from Richard Johnson. Any additional information would be appreciated.

CHARLES "TOM" GIBBS (UPDATE)

Tom passed away in June 2019; a notice for him was included in the July 2019 newsletter. We recently received this update for him:

Tom Gibbs posthumously honored with inaugural Distinguished Alumnus Award

Many people dream of helping to preserve and protect the environment. Alumnus Tom Gibbs (BSCE '54, MS '66) turned his dreams into a reality.

"Dad loved the outdoors, especially the forests and the abundant waters of the Pacific Northwest," says Todd Gibbs about his father, who passed away in June 2019. "He really wanted to help preserve the scenery and beauty of the region he loved and called home."

Gibbs is known for leading the cleanup of Lake Washington in the 1960s. In recognition of his life's work, the CEE department has posthumously honored him with its first annual Distinguished Alumnus Award. CEE chair Laura Lowes founded the annual award to recognize the achievements of alumni in industry and show students how civil and environmental engineering degrees help create meaningful impact.

An advocate for environmental issues, Gibbs's efforts to clean up Lake Washington and the Puget Sound while working at the Municipality of Metropolitan Seattle helped to reverse the damage incurred during the 1950s when untreated wastewater flowed into many waterways. In recognition of his efforts, Gibbs was honored by the White House in 1971. He also earned national awards from the American Society of Civil Engineers and American Public Works Association for the development of innovative approaches to environmental challenges.

Gibbs later joined the engineering firm CH2M Hill, where he helped transform Milwaukee, Wisconsin's polluted waterfront into a dynamic urban destination. He also founded the National Association of Clean Water Agencies and assisted in the development of the original Clean Water Act.



In honor of Gibbs's accomplishments, he was awarded a UW College of Engineering Diamond Award for Distinguished Service to Industry in 2009.

"Dad would have been proud to be recognized," says Todd Gibbs about the award. "But he also would have immediately identified a number of people who helped him achieve his successes."

IMPORTANT NOTE: Our only resource regarding the passing of any retiree, alumni colleagues or their spouses comes from our members or newsletter readers. Please forward their name, obituary or the family's contact information to ch2mhillaa@gmail.com or gkoblitz1@outlook.com so we may respond or contact them. Thank you!! Thanks to the many of you who shared information regarding the loss of our current cherished alumni shown above.

Special Announcements

2020 REUNION UPDATE

CHAA ReUnion: Rescheduled

By Bob Chapman (bobchap43@gmail.com)

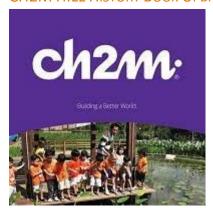


Atlanta's exciting Olympic Centennial Park, adjacent to the venue for our October 2021 ReUnion.

As previously announced, in light of the COVID 19 pandemic, action was taken several months ago to re-schedule our planned September 2020 ReUnion in Atlanta to October 14 – 16, 2021. A favorable contract amendment with Embassy Suites has been negotiated and signed. At this point in time, the venue, and planned activities and program remain unchanged. Additional details can be found via the Greenvelope reunion invitation that all CH2M alumni should have received. The invitation includes provisions for making and tracking reservations. What is really encouraging is that nearly all of the individuals who registered to attend the 2020 ReUnion have chosen to roll their reservations over to the re-scheduled date!

The ReUnion committee will revisit the program planning details early next year to discuss whether changes are needed based on knowledge of the situation at that time.

CH2M HILL HISTORY BOOK UPDATE



We're pleased to announce an added benefit for our CHAA members! Prior to acquisition by Jacobs, an extensive effort was made by CH2M to update the original "Building a Better World," the story of CH2M from its humble beginnings in 1946 to 2009, which now documents the memorable growth and worldwide successes prior to Jacobs acquisition. The revised book also includes a letter from Colorado Governor John Hickenlooper and an epilogue from former CH2M Chairman and CEO Jacque Hinman.

Jacobs kindly furnished the remaining unsold copies of the updated CH2M history book "Building a Better World" to all who registered for the CH2M HILL Alumni Reunion held in Denver 2018. Everyone was very appreciative and loved the updated and colorful, 352-page edition, which includes a listing of all the active CH2M

employees as of November 1, 2017. The few remaining CH2M history books will be used in the same manner for the upcoming 2021 Atlanta ReUnion attendees. We appreciate Sandra Nagel/DEN's help in getting the copies to the Denver Reunion committee.

Now for the best news! Thanks to Jacque Hinman and Melody Ambrose's guidance and Anne Bonelli's coordination, CHAA was recently able to obtain a high quality PDF copy of the history book. It now is part of our Member's Corner, along with the copies of the latest and previous newsletter and the membership roster, which is becoming quite popular. We hope this encourages more alumni to become a member of the CHAA. Membership (a nominal \$20/year) allows us to continue maintaining and updating our website, promoting our Alumni Reunions, local gatherings around the country and continuing our Outreach program to find our legacy colleagues still with Jacobs and others who may have left. To join, go to the CHAA website and click on Membership.

Jacobs Pension Service Center News

Jacobs' Consolidated Pension Plan Service Center number is 888-482-6632 for assistance.

Jacobs' main number in Denver is 720-286-2000 for general information or directions for other needs.

Travelogues

We've heard from many folks about their travels in the past, and thought we'd add this section to make it easy for you to highlight your special trips and photos. Please send your highlights to Angie Kruse (scarlet.study415@gmail.com) or Gordon (skoblitz1@outlook.com).

TED'S TRAVELS — GUATEMALA, EL MIRADOR — A TREK THROUGH A MAYAN TROPICAL RAIN FOREST By Ted Downen (ted.downen@gmail.com)

In the January 2019 CH2M Alumni Newsletter, I provided some insight into the overseas experiences that I've been most fortunate to be a part of. The topic I presented in that newsletter included the coincidental opportunity of working again with Najib Couch and Maqsood Chaudry, on the KAUST university project in the Kingdom of Saudi Arabia, 25 years after our first encounter on the Alexandria, Egypt, Wastewater Project. In this article, I'm going to stray from a project-related adventure and just focus on an amazing excursion we were able to take while in Guatemala.

The highlight of our Guatemalan escapade in November of 2019, was to travel to the El Petén region of the northern part of the country, which is bounded by Mexico to the north and west, and by Belize to the east. El Petén is a low limestone plateau, and except for areas of savanna vegetation, the region is covered by dense tropical rainforests. We headed to an area called El Mirador (which translates as "the lookout," "the viewpoint," or "the belvedere"), which is accessible only by foot or by helicopter. It's a large pre-Columbian Mayan settlement, located in the northern area of El Petén. The largest structure (temple) is called "La Danta," which is 236 feet tall and was constructed around 300 BC. There are more than 500 Mayan structures, of various shapes and sizes, that exist in this region.

The excursion that we joined was organized by a Guatemalan promotional group to help publicize the region for purposes of sustainability and financial support. Through a childhood friend of my wife and her two sisters, we were informed of this opportunity in the late summer of 2019. Their friend, Vida Amor de Paz, has become a well-recognized and respected Guatemalan television personality and climate activist. My wife and her sisters became acquainted with Vida when they lived in Guatemala for about 5 years as young girls in the late 1950s to early 1960s. Their father was an oil geologist who, with his team, explored the north-eastern area of Guatemala. The sisters viewed this as an opportunity to not only see these excluded Mayan ruins but also travel to some of the areas that their father had worked. I felt quite fortunate that I had three Spanish speaking interpreters with me during this excursion!







From the top of the La Danta Mayan Temple, the expanse of the El Peten tropical forest region can be seen. Regarding the trek itself, my brother-in-law and me (with my trusty trekking poles) attempted to keep up with the pack mules that carried our supplies, luggage and tents.







The upper section of the La Danta Temple is preserved in its current state. Once on top of the temple, my wife, DaLynn and I were joined by Dr. Hansen. (I'm the one with the camera hanging around my neck, with which I took hundreds of photos, of course!) The professional photography team then launched their drone to take a photo of our group.

The Kan Kingdom Mayan Excursion experience started with an evening dinner and orientation on November 25, at Hotel Bolontiku in San Andres, which is across Lake Peten Itza from the island town of Flores. Then, on November 26, we left Flores for a 3-hour ride to the town of Carmelita, where we began the 2-day walking trek to El Mirador with tent camping at about the halfway point. We arrived at the El Mirador research center late in the afternoon of November 27, where we met the lead archeologist, Dr. Richard Hansen. Dr. Hansen has been involved in and in charge of the Mayan exploration of this region for over 40 years. On Thanksgiving Day, November 28, Dr. Hansen and his staff took us on an all-day tour of these amazing Mayan ruins. That evening, we were served a fabulous seven-course dinner prepared by a lead chef and two of her staff, who made the 2-day trek with us. On November 29, we began the 2-day trek back to Carmelita where we boarded the vans for the ride back to Flores, arriving at our hotel in the evening.

Outside of myself and my wife DaLynn, our group included her two sisters, Toni and Bobbee, and Bobbee's husband Jim. There were also others who were able to make this trek, along with two guides, the event organizers, two archeologists (outside of Dr. Hansen), two medics, two cooks, three photographers, a Mayan priest, and the support staff who took care of the pack mules, horses and setting up of the camps. Those who participated in the excursion were of varied backgrounds and included many influential Guatemalan business people interested in promoting and supporting the El Mirador project. Because of the interesting mix of people, and the promotional intent of the excursion, Dr. Hansen showed us various sites that the general visitor would not have access to. This included areas that were being prepared for viewing by the President of Guatemala who would be visiting the sites in a couple of weeks. We felt quite honored to have this opportunity, including experiencing the sounds of the howler monkeys that are common in that region (very eerie!). About half of the invited guests did the trek while the rest traveled to and from the site by helicopter that flew from the town of Flores.







Dr. Hansen took us to some other ruins that have been excavated, to show us how integrate and impressive the Mayan artwork is. At the end of our day-long tour, the Mayan priest performed a fireside ceremony.

For your interest, I've included the links to a couple of websites regarding El Mirador and the archeological work that is underway there. Here's the Foundation for the El Peten region, initiated by Dr. Hansen, that gives an overview of the

work and ruins there. And, this <u>website</u>, from a tour company promotional, gives an overview of an El Mirador Mayan adventure along with a map of the trail used for the trek. To see more photos from our trip, please see my <u>SmugMug</u> gallery site that has photos of this one adventure that you can scan through.

MISSING IN ACTION

The CHAA again seeks your help in connecting with some folks without current email addresses. Many times it just may be a change in their email address. We were successful with our last MIA search and found several folks who are now reconnected with us again. Thank you to the folks who helped us find them!!

The list below is still longer than we like. Again, with the Jacobs transition, it's even more critical to help us find any CH2M folks you know who leave Jacobs without being added to the alumni mailing list. Our current Alumni Outreach program will help too, but it's always going to be a work in progress.

Please respond to donmarske@gmail.com if you have any information. Thank you!!

Katherine Althen Patricia Bourdage Mark Bowen Jim Brockman Craig Campbell June Carlson Georgeanne Castor **David Coolidge Brett Cowgill** Ina Cunningham Val Davis Rob Dibble **Dave Door** Jerry Eggleston **Gerald Elliott** Scott Ellsworth Jim Emory **Bob Fessler** Lisa Forest Amanda George

Robert Ghiotto Jean Gibbs Joan Giltner Patricia Graham Tami Hanlin Ann Hayes Mike Henry **Barrett Hicks** Gretchen Honan Steve Hope Bill Hubbard Jon Hudson Geoffrey Hunsaker Susan James **Grover Jones** Joseph Kavanagh Steve Korsmeior Tony Krutch **Bob Kuhn**

Matthew Lander

Jeffrey Lincoln Ann Loud Robert Mansfield James Maughan Peter Mcateer Steve McNicol Georgia Meadows David Miller **Douglas Miller** Salam Mohammed Diana Morales John Morse Kimberly Neal **Timothy Newton Kevin Osbey** Michael Phillips Wayne Pierson Chip Powell Rose Regner Kathleen Reyes

Shane Rockwell
Kelvin Roud
Vin Rubino
Louis Schucker
Audrey Shultz
Michael Stansbury
Seth Swaringen
Tony Taladay
David Towell
Denise Trutanic
Philip Tscheschke
Tony Ustinowich
Van Walling
Job Warner
Daria Wightman

Jim Reynolds

Tidbits

This section is for folks who just want to send a photo and a few words and don't really want to write an article, as such.

Don Marske writes:

This is Phil Hall's very special license plate he sent to me.



Gordon Nicholson writes:

Speedy couple on a tandem bicycle! LOL!

We ride tandems a whole lot! We spent 3-months in France last year; rode a few of the Tour d France big mountain stages! We also ride a mountain tandem; it's crazy! My wife screams a lot on it! LOL!







Paul Thornhill writes:

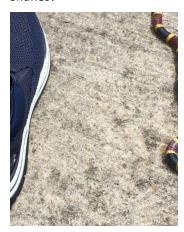
Social distancing wedding anniversary – sign of the times!



Paul also writes:

Ran into this guy about 15 feet from where the yellow jackets got me 2 years ago.guess I better stop all yardwork! Yep, confirmed its a coral. "red on yellow, kill a fellow." My guess is 22 inches long, 1/2 to 5/8 inch diameter. After I wounded him he came straight at me with his mouth wide open and I almost fell down backing away from him, he was coming so fast. I hit him with the hedge trimmers, and he immediately started biting his own tail! Then he died about a minute later. Not sure if it was his poison or my wounding that got him in the end. Second coral in 15 years, so not a big risk factor.

One day later, another one! About the same size. Blame it on COVID? Wildlife becoming more emboldened? Or is this just country living? Must be the country living. No more snakes, but we now (July) have been overrun with scorpions this year, inside and out. I think I prefer the snakes!





Dennis Sandretto writes:

Despite the coronavirus issues, my daughter, Rachel, with three grandchildren, my wife, and I are on a 3-week road trip from Tennessee through South Dakota

(Mt. Buchmere), and Montana with the goal of reaching

(Mt. Rushmore), and Montana with the goal of reaching Yellowstone Park. My daughter is driving her minivan with her three children, while I am pulling a toy hauler (trailer), which is our mobile restroom and hotel to keep chances of contracting the virus down. (Editor's note: Full story of the saga coming in January's issue. (2)



Dennis, his wife, daughter, and grandkids on their road trip.

Thanks for Jim Schwing for letting us know about his conversation with Mike Warren about his special CH2M license plate!



From: Michael Warren <mwarren@warrenff.com>
To: Jim Schwing <jimschwing@msn.com>
Jim, I saw your email earlier today and it reminded me that I owed you a photo of my pickup license plate... I'm pretty sure it's the only CH2M plate in the state of Iowa and maybe the only plate to exist anywhere.

Don Marske writes:

Thought you might get a kick out of this ... anything to keep entertained during this crazy time. What else am I going to do during SIP? Probably best picked at about 4 to 5 days from the blossom set.

Just in case you were wondering







Thanks goes to Vince Rybel for coming up with our new banner for our CHAA Outreach Program!



In a recent email exchange between Jerry Boyle and Gordon Koblitz, Jerry showed his painting prowess (especially people's pets) with a recent example after Gordon mentioned his Goldendoodle and Australian Labradoodle dogs. Jerry also supports the Huntington Hospital in Pasadena, California. More can be found here.



Feedback/Kudos

We love hearing from you! Thanks to all who have sent in their comments. If you have comments, ideas, suggestions, please send them to gkoblitz1@outlook.com. Here are a few recent comments:

Publisher's note: Steve Ebe was kind in sending Don Showalter's obit announcement to me in April. I reached out to several Redding folks and fortunately received some career details to enhance Don's obit received from the Redding newspaper. Granted Don had retired 30-years ago and many of his colleagues were not around either. This is becoming more of a challenge for us as we hear about the passing of our colleagues. Steve made the excellent suggestion that we request a bio of all our CHAA members and alumni who have spent a significant part of their career with CH2M. As Steve mentioned: "It might be easier and probably more accurate to gather the Bio info from the individual now than it would be "after the fact" from others." Don Marske and I wholeheartedly agree and will coordinate publicizing the bio outreach effort in the coming months. Thank you, Steve!

Paul Thornhill:

Thanks for all the work you and Gordon and others are doing for the rest of us!

Jory Abrams:

Don and Gordon – WOW!!! Fabulous website. I finally took the time to review. LOVE IT!! I re-upped my membership. THANK YOU for all you do for us die-hards.

Gordon Nicholson:

Thanks to you, Gordon K, et. al for your hard work. I'm sure it takes a lot more time and effort than any of us realize. Again thanks!

Mitch Parsons:

Thanks for all your hard work keeping the CH2M HILL alumni site!!

Sondra Smith:

A beautiful job on the CH2 Newsletter, thanks so much for doing this! Having done a few in my day for various organizations, I know well the work and research involved, and this one is a real winner.

Jim Parrish:

Don, thanks for what you, Gordon and the rest of the team are doing. I look forward to seeing you again at one of our Alumni meetings.

Ed Lance:

By mail I am sending you a check today for membership and donation. Enjoying the newsletters very much. You guys are doing a great job!!!

Dan Walters:

Happy to join the association and grateful for the newsletter.

Bill Phillips:

Thank you for the newsletter. I really enjoy reading them.

Ginger Moore:

Thank you, Gordon and Don! I so enjoy reading about where life with CH2M started and the adventures of retirement have taken everyone! Your efforts to keep us all informed is wonderful and greatly appreciated.

Steve Gelman:

Gordon and Don – great newsletter, thx

Harry Reeder:

Gordon/Don, thanks for all you do for us old time Cornell, Howland, Hayes and Merryfield employees. Bonnie and I won't be at the Reunion this year and will miss it. Thanks again

Teny Mittal:

I read all this material with great interest. Thanks and regards.

Eric Cutbirth:

Don – Thanks for keeping us all together.

Bob Forbes:

Hi Don – Appreciate all you, Gordon, others do!

Ted Downen:

Don – congratulations on the new website! Wishing everyone well.

Julianne Ewings:

Don and Gordon – appreciate your great efforts.

Mike Warren:

Thanks again guys for all you do making the organization functional.

Art Storbo:

I sure like what you guys are doing for our retirees' association. It's great to remain connected with former work associates; not many people have that opportunity.

Jacobs News

Some of the following selected stories tie in connections from work with previous CH2M clients. We encourage our readers to check the Jacobs company website for the latest project wins and related news and stock news: http://www.jacobs.com.

JACOBS AWARDED CONTRACT EXTENSION AT NASA JOHNSON SPACE CENTER

Jacobs was awarded an extension to the Johnson Space Center Engineering, Technology and Science (JETS) contract at NASA's Johnson Space Center in Houston, Texas. Jacobs will continue providing critical support to JSC's Engineering Directorate and Exploration, Integration, and Science Directorate to provide integrated engineering design, testing, verification supporting NASA's Artemis program to land the first woman and next man on the moon, preparing us for human missions to Mars.

The contract extension represents a 2-year option covering the period of performance from May 1, 2020 to April 30, 2022. The maximum value of the contract extension is \$478.4 million.

"As NASA's largest services provider, Jacobs welcomes the opportunity to continue our nearly 20-year relationship with the Johnson Space Center," said Jacobs Critical Mission Solutions Senior Vice President Steve Arnette. "This contract extension allows us to continue to support NASA's Artemis moon mission, providing critical integrated engineering and science support ensuring mission success in reaching the moon by 2024. Additionally, Jacobs will continue to be a trusted partner to NASA providing advanced solutions, R&D, scientific and technical solutions that enhance our collective goal of creating a more connected, sustainable world."

Under this contract extension, Jacobs will support the Orion Crew Capsule, the new Gateway orbital outpost, a new generation spacesuit and will also continue to provide important support to the International Space Station, supporting commercial cargo missions, on-orbit operations, and commercial crew program efforts. Science programs include astromaterials curation, basic research in planetary science, Earth science, orbital debris mitigation, and the integration of science into exploration missions.

JACOBS SUPPORTS NASA IN HITTING MAJOR MILESTONE FOR ARTEMIS I

Jacobs and NASA's Exploration Ground Systems Program recently achieved a major milestone at Kennedy Space Center (KSC) as the motor segments of the Solid Rocket Boosters (SRB) arrived by rail at KSC in Florida on June 15, 2020. The twin SRBs are part of NASA's Space Launch System (SLS), which will be used to send humans to the moon, Mars and beyond.

This milestone represents a critical step in NASA's preparations for Artemis I, which will be the first in a series of increasingly complex missions that will extend the frontiers of human deep space exploration. Scheduled to launch in 2021, Artemis will be the first launch of SLS and Orion, the backbone of America's deep space exploration program.

"The arrival of the SRB components means we are getting very close to the stacking of flight hardware in the iconic Vehicle Assembly Building (VAB) at KSC," said Jacobs Critical Mission Solutions Senior Vice President Steve Arnette. "Once our team has conducted final inspections, processing and mating of the SRB segments, they will transport everything to the VAB for stacking to begin."

The Jacobs team, which handles final checkout and integration of all flight hardware for Artemis I, received the SRB hardware from Northrup Grumman (NG). The segments, filled with solid propellant, were manufactured by NG in Utah.

Several forward and aft SRB components are assembled at an NG facility at KSC and will also be transferred to Jacobs for integration.

In the Rotation, Processing and Surge Facility (RPSF) at KSC, Jacobs will inspect and conduct final processing, such as installing sensors on the motor segments, then transfer them to storage. The aft motor segments will be mated with the aft skirts and aft exit cones in build-up stands in the RPSF, to form the aft assembly for each SRB. Once completed, the Aft Assemblies will be the first component of flight hardware to be stacked on the mobile launcher. Once all the SRB components are moved to the VAB and mated to the stack, then the SLS core stage rocket will be lowered onto the mobile launcher, between the SRBs.



JACOBS-LED LLC AT WEST VALLEY DEMONSTRATION PROJECT RECEIVES CONTRACT EXTENSION FROM DOE

Jacobs, as part of CH2M HILL BWXT West Valley, LLC (CHBWV), a Jacobs-led joint venture, was awarded a contract extension from the U.S. Department of Energy, Office of Environmental Management (DOE-EM) at the West Valley Demonstration Project. DOE-EM estimates the 39-month contract extension modification to be valued at \$243 million, bringing the new contract value to a total of \$836 million.

"The Jacobs team has performed impressive and impactful work at the site and around the West Valley, New York community for the past 10 years," said Jacobs Critical Mission Solutions North American Nuclear Senior Vice President and General Manager Karen Wiemelt. "I'm confident in our ability to continue to perform and exceed expectations throughout the contract extension."

The purpose of the more than 3-year extension is for the CHBWV team to safely and compliantly complete the deactivation, demolition and removal of the last major facility remaining at the site, the Main Plant Processing Building (MPPB), as well as other facility disposition activities.

The West Valley Demonstration Project is an environmental remediation project at the site of a former commercial nuclear fuel reprocessing center located about 40 miles south of Buffalo, New York. Since taking control of the site to carry out the first phase of decommissioning activities that began in August 2011, the Jacobs-led team has been conducting cleanup and facility demolition activities and is actively engaged in removing radioactive waste, contaminated equipment and obsolete structures from the 200-acre site.

JACOBS PARTICIPATING IN RESEARCH STUDY TO DEVELOP NEW INSTRUMENTATION AND METHODS FOR PFAS SITE CHARACTERIZATION

Jacobs, in collaboration with Principal Investigator Dr. David Hanigan with the University of Nevada, Reno, is participating in a research and development grant from the Strategic Environmental Research and Development Program (SERDP) for Rapid Site Profiling of Organofluorine: Quantification of PFASs by Combustion Gas Analysis.

SERDP is an environmental research collaboration between the U.S. Department of Defense, the U.S. Department of Energy, and the U.S. Environmental Protection Agency, harnessing the latest science and technology to improve environmental performance, reduce costs, and enhance and sustain mission capabilities. Expected benefits to the federal government include reduced labor associated with site profiling and

reduced analytical lab costs and uncertainty, leading to better site characterization and reduced duration of site remediation.

Sampling and quantifying per- and polyfluoroalkyl substances (PFAS) is required to assess impacts and remediate contaminated sites, but the process is time-consuming, requires costly instrumentation and expertise, and fails to capture many organofluorine transformation products and precursors with possible health impacts to exposed aquatic species and humans. The overarching objective of this project is to develop and validate robust, field-ready instrumentation and methods to quantify total organofluorine.

PFAS are released to the environment through several pathways, including use as aqueous film-forming foam (AFFF) for fire-fighting by the U.S. military and the aviation industry, as well as municipal and industrial fire departments. The U.S. EPA has set health advisory levels for two PFAS based upon environmental persistence and adverse health outcomes, and the subsurface is contaminated with PFAS at multiple U.S. military bases, airports and industrial sites.

Expected benefits to the scientific community include an increased understanding of organofluorine cycling in aqueous and soil systems and understanding of PFAS outside of those quantifiable by modern liquid chromatography – tandem mass spectrometry (LC-MS/MS)techniques. This approach will also support Dynamic Work Planning, Triad, and other efficient approaches to site characterization using field-based decision-making.

JACOBS AWARDED CYBERSECURITY SUPPORT CONTRACT BY THE UNITED STATES PATENT AND TRADEMARK OFFICE

Jacobs was selected by the U.S. Patent and Trademark Office (USPTO) to provide agency-wide cybersecurity support services for its 18,000-person workforce. The scope of the 3-year, \$29-million contract covers all systems within the agency's enterprise IT environment with a focus on managing and improving the organizational performance of cybersecurity at USPTO.

"As a premier provider of national security-grade cybersecurity solutions that ensure the confidentiality, integrity and availability of the world's most sensitive networks, systems and data, Jacobs will leverage our team experience and tools to support all systems and system boundaries within USPTO's enterprise IT environment, while identifying opportunities for improving the security posture of the agency's mission critical systems and applications," said Critical Mission Solutions Senior Vice President of Cyber Caesar Nieves.

Jacobs will provide risk management framework, technical and administrative support, continuous monitoring, vulnerability assessment, threat analytics and security engineering for USPTO's workforce. Additional efforts include recommending industry best practices and identifying process improvement opportunities and innovations with cybersecurity tools, techniques and procedures.

JACOBS SELECTED TO OPERATE AND MANAGE ONE OF THE COUNTRY'S LARGEST PUBLIC-PRIVATE PARTNERSHIPS FOR WASTEWATER OPERATIONS

Jacobs was selected to partner with the City of Wilmington to operate and manage its wastewater treatment plant, combined sewer overflow facilities and its Renewable Energy Biosolids Facility (REBF).

The agreement, which combines the operations and maintenance of all facilities under Jacobs' management, has provisions for additional engineering studies and design-build projects to renew existing structures and develop value-added projects. The City of Wilmington estimates the base contract is valued at \$20 million per year for an initial 20-year term, with options for two additional two-year extensions, for a possible contract term of 24 years.

Under the terms of the agreement, Jacobs will transition the operations of the wastewater treatment facilities from the existing contractor and assume full operating responsibility for the entire system starting July 1, 2020. The wastewater treatment plant has a maximum treatment design flow of 168 million gallons per day (MGD) and up to 320 MGD in wet weather, making the contract one of the largest public-private partnerships for wastewater operations in the U.S.

"This partnership leverages our capabilities across Jacobs' entire service offering," said Jacobs President and Chief Operating Officer Bob Pragada. "Our depth of resources can deliver comprehensive turnkey services through inhouse resources – something no other O&M service provider can seamlessly offer."

As part of the agreement, Jacobs will make significant facilities and systems investments in the first 3 years of the contract to improve operability and performance. In addition, Jacobs will work with the city to leverage new technologies and systems to realize the potential for the plant to become a net-zero energy facility and reduce greenhouse gas emissions in the future. The facility also plays a critical role in addressing the wastewater, stormwater and energy needs of the city, supporting the Wilmington2028 initiative that's guiding growth and development.

JACOBS TO DELIVER ARCHITECT AND ENGINEERING SERVICES ON USACE ENVIRONMENTAL QUALITY PROGRAM

Jacobs was selected by the U.S. Army Corps of Engineers, South Atlantic Division, Mobile District to deliver architect and engineering services for its Environmental Quality Program. The multiple award task order contract will support military, civil and federal agencies such as the U.S. Army, Air Force, Marine Corps and Navy, Defense Logistics Agency and other Department of Defense installations within the Mobile District's Area of Responsibility (AOR) and South Atlantic Division's AOR.

With small business partners Trinity Analysis and Development Corp. and Environmental Research Group, LLC, Jacobs will provide services for all products and studies associated with complex environmental compliance, planning, pollution prevention, conservation/National Environmental Policy Act, restoration/remediation design and miscellaneous sustainment projects. The scope of work includes strategy development and planning, data gathering and analysis, evaluations and studies, and design and permitting action support under the 3-year contract period of performance.

"Jacobs brings a 25-year history of continuous service to the USACE Mobile District on numerous environmental compliance and pollution prevention projects," said Jacobs People & Places Solutions Senior Vice President and Global Environmental Market Director Jan Walstrom. "Our team has the specific experience to provide timely, cost-effective, high-quality support that will benefit the Mobile District's DoD and civilian agency customers now and into the future."

THREE JACOBS-SUPPORTED PROJECTS SELECTED AS OUTSTANDING CIVIL ENGINEERING ACHIEVEMENT HONOR AWARD RECIPIENTS BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS

Three Jacobs' projects – Zoo Interchange Reconstruction, Olmsted Locks and Dam, and Queensferry Crossing – were among only 10 projects from around the globe selected by American Society of Civil Engineers (ASCE) as Outstanding Civil Engineering Achievement (OCEA) honor award recipients. From this pool of 10 honorees, ASCE also selected the Queensferry Crossing project as one of the top three projects, earning it a bronze award.

"The solutions Jacobs implemented across these projects are benefitting and transforming these communities both today and into tomorrow – and now they can add this prestigious honor to their growing lists of accolades," said Jacobs President and Chief Operating Officer Bob Pragada.

Selected because of their lasting mobility and resiliency benefits, these projects also reflect Jacob's legacy of technical excellence and dedication to solving clients' most challenging and complex water and infrastructure projects:

Queensferry Crossing – stands as the world's longest, three-tower, cable-stayed bridge, comprising 23,000 miles of cabling connecting the bridge deck to the towers. As lead consultant and delivery partner of the Jacobs Arup Joint Venture, Jacobs supported Transport Scotland from the earliest option development.

Zoo Interchange Reconstruction – a project for the Wisconsin Department of Transportation and named for its location bordering the Milwaukee County Zoo and serving more than 350,000 people daily, the Zoo Interchange in Wisconsin is the state's busiest. The Zoo Interchange Core and Adjacent Arterials Reconstruction, designed by Forward 45 – a joint venture consisting of

Jacobs, Kapur & Associates and HNTB Corporation – reconfigured this busy interchange, including six service interchanges, nine miles of freeways and four miles of arterial roadways.

Olmsted Locks and Dam – this project is the single biggest civil engineering project undertaken by U.S. Army Corps of Engineers (USACE). Completed in 2018, the Olmsted project solves one of the largest bottlenecks for America's shipping industry at a critical part of the Ohio River. Jacobs, as lead partner of the design joint venture, supported the USACE by designing three key segments of the dam, including the Tainter Gate Section, Navigable Pass and Fixed Weir.

JACOBS INTELLIGENT ASSET MANAGEMENT OVERVIEW

Click <u>here</u> to see an interesting PowerPoint presentation about the firm's intelligent asset management services.