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2015 5-year Reunion



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SD Mines Foundation Board of Trustees announces new president

The South Dakota University of Utah, Utah School of Mines & State University, George Washington University, announced February 11 that Joel Kincart has been hired to become the

Foundation's president. Kincart started his new role at the Foundation on March 9.

Kincart was previously chief operating officer of the Utah Valley University (UVU) Foundation and senior director of development at UVU. In this capacity, he had day-to-day responsibilities for the UVU Foundation and its board. Kincart also oversaw the college-based development team, gift planning, development services and development research at Utah Valley University.

Prior to UVU, Kincart served as the central region vice president for the American Cancer Society. He has also held fundraising positions at the

“I am very excited to join the South Dakota School of Mines & Technology Foundation. The School of Mines is an exceptional institution with loyal alumni. I am impressed with the leadership offered by President (Heather) Wilson as well as the leadership the Foundation board has demonstrated in preparing the Foundation for a great future,” Kincart said.

Kincart will succeed Mike Selzer, who will continue as a member of the Foundation's development team.

“We conducted a national search and are very pleased that Joel joined us as the next president of the Foundation. Joel brings a wealth of experience in



Foundation President Joel Kincart

academic fundraising, and we look forward to his leadership as we implement the strategic plans of both the School of Mines and the Foundation,” said Lorin Brass, chairman of the Foundation's Board of Trustees. “We are also thankful for Mike's service as the Foundation president and are pleased that he will continue to help raise needed funds for the university.”

“The relationship between the Foundation and the university has never been better. Mike Selzer has done a great job, and the board is implementing this planned succession by bringing in a top-tier fundraising leader as we start a significant capital campaign,” President

Wilson said. “Joel has the experience to take our relationship to the next level. We're building an even greater team.”

Kincart earned both a Bachelor of Science degree in Zoology and a Master of Science degree in Higher Education from Iowa State University. He is married to Melissa Miller Kincart, who has a Bachelor of Science in Finance from the University of Utah and a Master of Arts in Higher Education Policy from the University of Maryland. She currently serves as assistant commissioner for outreach and access for the Utah System of Higher Education. They have two children, Sydney, 13, and Cole, 12.



Joel, Melissa, Sydney, and Cole Kincart

Foundation Update joins the SDSM&T Legacy News

The School of Mines *Foundation Update* will have a new look beginning June 2015. Our news will be combined quarterly with the *Legacy News* from campus and sent via mail or email.

The *Legacy News* is an electronic publication done by the University Relations department at SDSM&T every month and is available on the School of Mines website. Quarterly, there will be a special edition of the *Legacy News* created that will include important news articles from campus and also articles and news from the Foundation. This *Legacy News* will be marked with a Foundation banner on

the top of the cover page and will be distributed both in print and electronically. If you prefer to receive the new Foundation edition of the *Legacy News* publication via email please let us know by calling 605-394-2436 or by emailing brianna.pesek@sdsmt.edu. Please contact us for any other questions or updates you may have upon receiving the new version of the Foundation Update.

Look for the new publication of the Foundation edition of the *Legacy News* arriving in your mailbox quarterly. We hope you enjoy the new look!



Example of the new look of the Foundation edition of the Legacy News

2015 Spring Phonathon

The semi-annual SDSM&T Foundation phonathon took place the week of January 25 and our student callers were busy making phone calls and talking to alumni. Twice per year, in the spring and in the fall, the Foundation hires a group of students to help raise funds for the university and to update alumni records. The phonathon is the most effective way the Foundation has found to reach a large number of alumni in a short period of time. Gifts to the Mines Annual Fund are especially important. From every donation, the Foundation is able to generate additional funds which will be used for the benefit of the entire university. Many alumni choose to give to this fund, but others direct their funds to a particular group, department, endowment, or need on campus.

The phonathon gives students the chance to make a little extra cash while talking to alumni about the university. The students really enjoyed hearing stories from alumni since they share a bond through the university.

Students were quite enthused to see the dollar amounts raised every night.

The Foundation's support helps to fill the gap between institutional needs and state-appropriated funding. Over \$1.9 million has been contributed to SDSM&T Foundation phonathons since fall 1996.

During the spring phonathon, the Foundation raised over \$41,000 and made nearly 3,400 phone calls. With the help of the students, the phonathon was another great success. The SDSM&T Foundation offers our sincerest thanks for the continued generous support of alumni and friends who have participated in the phonathon or have otherwise made gifts to the Foundation. We appreciate your support and for giving your time to the students.

Students who participated in the spring 2015 phonathon:



Spring phonathon student callers

IAN FOSTER

A senior chemical engineering major from Denver, Colorado, Ian decided to attend the School of Mines because of their great engineering program. Ian keeps busy outside of his school work by participating in the American Institute of Chemical Engineers (AIChE) as the president and he played for the Mines varsity football team in 2010 to 2012. "I participated in the phonathon again this year to earn some extra money to help pay for my study abroad to Germany. It has been great hearing from the alums," said Ian. He is going to work for LyondellBasell in Houston, TX after graduation in May.

FORREST MILLER

A sophomore computer science major from Brandon, South Dakota, Forrest chose to attend the School of Mines because it was close to home and would challenge her. Forrest keeps busy outside of school obligations by participating in the Association of Computing Machinery and Linux Users Group. She enjoys art and music as well. "I enjoyed making connections with alumni during the phonathon. It felt good to be able to help the university," said Forrest.

ABBEY LARSON

A senior civil engineering major from Montrose, South Dakota, Abbey chose to come to the School of Mines because her dad and uncle attended the university and to work with water resources. Abbey keeps busy outside of her school work by participating in the Tech Geological Association and Ski and Snowboard Club. She also plays piano, organ, ukulele, saxophone, and clarinet. "I enjoyed working the phonathon because I like to talk and to help the school I love," said Abbey.

REBECCA CLARK

A sophomore materials and metallurgical engineering and applied biological science major from Wakarusa, Indiana, Rebecca chose to come to the School of Mines because she was looking to advance her career. Rebecca worked in the oil fields in North Dakota prior to attending the university. Outside of her studies, she participates in Mines Advantage, Material Advantage on campus, and works for Game Fish and Parks. "I enjoyed working the phonathon last year and it is a good way to earn some extra money, so I decided to work it again this year," said Rebecca.

AMAN ANAND

A senior interdisciplinary science major from Falls Church, Virginia, Aman became interested in attending the School of Mines because he could play football while getting a wonderful education. Aman is a resident advisor for residence life student housing on campus, a student assistant football coach, president of the Lions Club, and a member of the Professional Development Institute. "I wanted to participate in the phonathon to better my phone communications skills. I enjoyed speaking with alumni and helping raise funds for the university," said Aman.

KYLA COAN

A sophomore geology major from Vilseck, Bavaria, Germany, Kyla was interested in attending the School of Mines because its geology program is one of the best in the country. Kyla is a member of the Alpha Delta Pi Sorority and involved in the Paleontology Club. She also volunteers in the community with Feeding South Dakota. She lived overseas for 10 years and traveled to over 30 countries due to her dad being in the military. "I thought the phonathon would be a great opportunity to talk to alumni and learn more about the school," said Kyla.

AARON CAMPBELL

A freshman computer engineering major from Sheridan, Wyoming, Aaron chose to come to the School of Mines because he liked the close community and student involvement and the overall focus on education at Mines. He keeps busy outside of his school obligations by being a part of the Lambda Chi Alpha Fraternity, Emmanuel Episcopal Church choir, track and field team, and band. "I think it is important to give back to the people and institution that opens doors for you," said Aaron.

AUBREY BEHRENS

A sophomore interdisciplinary science major from Torrance, California, Aubrey chose to come to the School of Mines because she was born in Rapid City and has family in the area and some of them also attended Mines. Aubrey keeps busy outside of her school responsibilities by participating in Alpha Omega Epsilon and is a team manager for the women's basketball team. "I wanted to work the phonathon this year because I love SDSM&T and wanted to help the university in any way I could," said Aubrey.

LAURIE AGA

A senior industrial engineering major from Sturgis, South Dakota, Laurie chose to come to the School of Mines because of its high placement rating and great cost for yield. Laurie keeps busy outside of her school obligations by participating in the Mining and Mucking team. "I have worked the phonathon many times now. I choose to keep working it because I truly enjoy it. It is a lot of fun and a good way to earn some extra cash," said Laurie.

Legislature approves \$6M renovation plan for chemistry building

The state Legislature has approved the sale of \$6 million in bonds to renovate laboratories, classrooms and other parts of the old chemistry building at the South Dakota School of Mines & Technology.

House Bill 1021 was approved March 5 with a Senate vote of 34-0. It previously passed the state House 67-0. The bill now heads to the governor for his signature.

Architectural plans have already been drawn, and construction would begin this fall with the

renovated space ready for the fall 2016 semester.

The \$6 million in higher education facilities funds will refurbish about 7,000 square feet of the 26,055-square-foot building and would include three research labs, one teaching lab, two support spaces and faculty offices. It would also bring the building into compliance with the Americans with Disabilities Act.

"We are very pleased with the Legislature's approval of these renovations. These lab spaces are



critical in meeting the demands of our new applied biological science program, as well as our basic chemistry course, which is required of all Mines students," said SD Mines President Heather Wilson.

The chemistry and applied biological sciences (ABS) programs are housed in the old

part of the Chemical & Biological Engineering/Chemistry Building which has had only minor upgrades since 1957.

In its second year, the new ABS major is the fastest-growing program on campus and is projected to be one of the largest, at 150 students, within four years.

Scholarship created in memory of Kjerulff

The School of Mines Foundation was recently honored to receive funds to establish The Ev Kjerulff Golf Scholarship endowment. The fund was created in memory of Ev Kjerulff (EE 58) and his wife Anthea by a friend, former golfing partner and SDSM&T classmate of Ev's. The scholarship will be awarded to a student who is a member of Mines varsity men's or women's golf team who best demonstrates the qualities of outstanding scholarship, sportsmanship, character, dedication and teamwork.

Ev was born on October 19, 1936 in Arlington, SD. He was raised in Watertown, SD and graduated high school there. Ev was an outstanding student at Mines and graduated near the top of his class with a bachelor's degree in electrical engineering in 1958. He went on to attend the University of Southern California where he received his master's degree. In 1957, he married his high school sweetheart,



Ev and Anthea Kjerulff

Anthea Peterson. He was a successful electrical engineer in Los Angeles for many years. After that, he made a career change and studied on his own time to become a licensed professional civil engineer in the state of California. He then went on to have a very successful second engineering career in the design and construction of civil engineering projects in southern California.

Ev thoroughly enjoyed the

game of golf and dedicated much of his free time in a quest to improve his game. "He was not technically a good golfer, but was an outstanding golfing companion. Always pleasant, friendly and considerate," said Hal Nelson (GenE 58), a friend and classmate. "When he hit a great shot, he did not shout or pump his fists. Rather, he smiled and noted how much fun he was having. When he hit a

bad shot, he did not pound his club into the turf or use language unbecoming of the game of golf. Rather, he used the occasion as a data point in a continuous experiment aimed at improving his game. He calmly analyzed the shot and moved on," he stated.

Hobbies throughout Ev's life were sailing, tennis, photography, model trains, and most recently golfing. He and his wife lived in southern California from 1958 to 2005. Since then, they spent their summers in Washington and their winters in Arizona. Ev passed away on June 30, 2009 in Redmond, WA.

Those wishing to donate to the Ev Kjerulff Golf Scholarship should direct their gifts to the Foundation at 306 E. Saint Joseph St., Suite 200, Rapid City, SD, 57701 or online by visiting <http://foundation.sdsmt.edu>. To request direct debit information, or make a credit card donation, you may call the Foundation at (605) 394-2436.

Distinguished Alumni honored at graduation

Graduates spanning three decades were honored as Distinguished Alumni at the 170th commencement. Honored as Distinguished Alumni were:

Stanley W. Ellis (Math 74), who began his entrepreneurial career in the oil and gas industry. Over the next 30-plus years, he bought, built, and sold several companies throughout the U.S. Currently, Ellis partners with business entities in California. His primary partnerships are Reservoir Management Services, LLC; PROS, Inc.; Premier Equipment Rentals; Total Process Solutions; Vertical Tank, Inc.; and Sierra Process Systems.

Walter D. Jones (EE 75), who has worked for Intermountain Rural Electric Association and the U.S. Army Corps of Engineers' Reconstruction of Iraq, and has served as an advisor to the National Electrification Administration. He is a member



Harold Nelson, Richard Wells, and Karen Swindler

of the Institute of Electrical and Electronics Engineers and National Electrical Safety Code Accredited Standards Committee.

Harold D. Nelson (GenE 58), who was founding chair of the Department of Engineering at Texas Christian University and currently is professor emeritus at Arizona State University. He has also worked at a number of aerospace companies. His research on satellite stability was first published in 1966 and in 1976

he published a landmark paper that helped him become world-renowned in modeling and analysis of the dynamics of rotating assemblies.

Karen N. Swindler (ChE 88), who began her career at Exxon and transferred to LyondellBasell. Among her titles: director of global operations planning and scheduling and divisional vice president of polymers manufacturing, North America. She most recently served as senior vice president

of manufacturing, Americas. Swindler is one of few females leading manufacturing for an S&P Fortune 500 company.

Richard A. Wells (ChE 82), who began his career at Dow in 1982. Currently vice president, Global Government Affairs and Public Policy, Wells has held a number of positions during his 30 years with the company. Wells has contributed his expertise on energy efficiency to Pulitzer Prize winning author Daniel Yergin's book, *The Quest*.

Orr expresses gratitude

The School of Mines is honored to have talented students from all over the country. Enrollment is growing and so is the number of students coming from states other than South Dakota. One of the freshmen students coming from out of state is Brian Orr, an industrial engineering and engineering management major from Macomb, Michigan.

“I chose SDSM&T because I believe it will provide me with a great education and I was also recruited by Coach Henry for the men’s basketball team,” said Brian. “When my family and I visited the campus for the first time last April, I felt it was a good fit for me. I had no idea what I wanted to major in, but after sitting down with Dr. Kerk and my parents and hearing every engineering major explained and what types of jobs are offered with them, I chose industrial engineering and engineering management because it seems to blend the engineering side of things and working with people,” he stated.

Brian played basketball all four years of his high



Brian Orr with Don and Marge Range

school career. He feels fortunate to join the Mines basketball team because he enjoys the game very much. Brian also understands the importance of his school work and maintaining the requirements for his athletic scholarship. “I received a scholarship for basketball. I am very grateful to have the opportunity to continue playing what I love to do. Over Thanksgiving, my family visited for 10 days (to see five of my games), and we were able to meet Don (EE 51) and Marge Range who contributed to the scholarship I received. It was very nice to meet them and have the opportunity

to thank them for what they are doing for me. I would like to meet everyone who contributes to my scholarship, so I can thank them as well. They are all helping my dream become a reality, and I’m very thankful for that,” Brian said.

Brian just finished his first semester at Mines. He was busy traveling with the basketball team during winter break. He says what he likes most about Mines is the size of the school, the family atmosphere, and the very friendly people on campus and in the community. Outside of school, he enjoys being with friends and weightlifting. “For anyone who is in

high school and interested in engineering, I would highly recommend looking into SDSM&T. If you are unsure of what you want to major in, talking to Dr. Kerk is extremely helpful. If it seems far away from home, a lot of the students attending Mines are from out of state as well, so they are dealing with the same situation. I never thought of myself being here today, but I love it,” Brian stated.

We anticipate great things from Brian in the future and no hesitation he will deliver. We wish him the best of luck in both his academic and athletic pursuits.



Brian Orr

New scholarship established by Mines alumnus honors Father Kovarik

The Father Peter Kovarik Memorial Scholarship Fund has been established by Mines alumnus Greg Goldey and his wife Laurie in honor of their friend and former Mines student Kovarik, who died tragically last fall in an airplane crash.

A scholarship will be awarded annually to an incoming freshman pursuing engineering from the communities Kovarik served in the Black Hills region. Towns include Piedmont, Timber Lake, Isabel, Trail City, Hot Springs, Custer, Edgemont, Hills City, Lead and Deadwood, as well as smaller communities in those areas.

Goldey knew Kovarik for more than four decades, attending school with him from kindergarten through their years at Mines, even being married by Kovarik.

Kovarik studied at the South



Father Peter Kovarik

Dakota School of Mines & Technology before transferring to St. Mary’s College minor seminary and then finishing his education at the major seminary at Mount St. Mary’s. Ordained to the priesthood for the Catholic Diocese of Rapid City in 1991, Kovarik served as pastor to 11 west river churches and was actively involved in diocesan committees and boards. He received an award

for excellence in his role as a chaplain for Fort Meade Veterans Hospital and took a sabbatical to attend the Institute for Continuing Theological Education at North American College in Vatican City.

“At Peter’s funeral service, many people, primarily parishioners, spoke of how Peter affected their lives. Peter was a man of action, and he moved people to action. Wherever he went as a priest, he tried to revitalize the parish by bringing people together as a community with new activities, programs and ideas. He challenged old ways of thinking and did things with the end goal of strengthening the community, but more importantly, he challenged people’s faith,” Goldey said.

“Father Peter started his education at Mines and went on to be a leader of faith in western South Dakota. This is

a very kind way to remember him and honor his work,” said SD Mines President Heather Wilson.

Kovarik is survived by his mother, four sisters and brothers, six nieces and nephews and a great-niece. His sister, Camille, is a Mines alumnae, and his nephew, Nathan, is currently enrolled as a senior in electrical engineering.

“Father Peter left this world a better place. ... Laurie and I established this scholarship to memorialize Father Peter’s positive and loving influence by helping the youth of his communities enter SDSM&T. Hopefully, we can aid in keeping his works and memory ongoing,” Goldey said.

To give a tax-deductible contribution to the Father Peter Kovarik Memorial Scholarship Fund, contact the SD Mines Foundation at (605) 394-2436 or foundation@sdsmt.edu.

Kotases continue support for SDSM&T

The School of Mines is privileged to have many great students attend throughout the years who become very successful during their lifetimes. They are proud to have received a degree from SDSM&T and have remained interested and involved with the university for decades after graduation. Jim (EE 68) and Kathy Kotas are great supporters of Mines and have committed both time and financial resources to the university throughout the years.

“My wife and I give to Mines because I feel like Mines helped me get ready for an engineering career with confidence that I could compete with the best at any job. Also, because of the early scholarship assistance I received I knew firsthand the difference that can make so I want to help offer the same opportunity to others,” said Jim.

Jim grew up in Tripp, SD. He attended Mines starting in the fall of 1964 and graduating in spring of 1968 with a bachelor’s degree in electrical engineering. “I had applied for several scholarships since our family was not financially well off and every dollar would be needed to obtain a degree without borrowing any money. I was very pleasantly surprised to receive a notification that I was being awarded a scholarship from Homer Surbeck in the amount of \$300 for each of the two semesters, which covered my tuition as best I can remember. I was later surprised to discover upon arriving at the school that there was a brand new student center named for him so I felt a very personal connection every time I entered the Surbeck Center. I enjoyed meeting my new classmates and many have become lifelong friends with whom we have “mini-reunions” in various parts of the world,” Jim stated.

Jim worked for General Electric at Cape Kennedy on

the Apollo Program for Apollo 8 through 15 and helped develop some of the first visual flight simulators for Navy and Air Force pilots and multiple commercial and international companies. He helped pave the way for the incredible game and simulation technology available today on any laptop. GE sold their aerospace department to Martin Marietta which merged with other companies to become Lockheed Martin where he held various jobs, and became Director of Navy Programs before his retirement.



Kathy and Jim Kotas

Jim and Kathy have supported Mines in many ways throughout the years. Jim joined together with several 1968 classmates in 2006 to establish the Class of 1968 Scholarship. Volunteers from the class of 1968, including Jim, rallied together to locate and contact their classmates to invite everyone to participate. The effort to build the scholarship endowment to \$40,000 by the

fortieth anniversary of their graduation in 2008 was not only met but surpassed. Many classmates have continued to pledge or contribute as word of the project spreads with the long term goal being 100% participation in the scholarship. The endowment now exceeds \$125,000. “The contributions I make are usually earmarked for the Class of 1968 Scholarship fund because it helps to give our class an identity for incoming students with perhaps a small personal connection that some former graduates are offering encouragement to the

incentive to contribute. Even though I retired from Lockheed Martin, GE still continues to match my donations to the Foundation,” Jim stated.

Jim and his wife Kathy currently live in Daytona Beach, FL. Even though he moved during the course of his career several times, he has been fortunate enough to live in the same house on the Halifax River for the past 34 years. This meant lots of commuting by car and airplane for many years. Although it became tough at times, Jim is happy he kept the house with the river view and is happy to still call it home today.

When asked what he aspires for in the future from SDSM&T and/or Mines students he stated, “I feel like there are few careers as exciting as technology and engineering. It is the engineers of the world who build new things, improve things, and apply science to allow consumer use in many areas. Engineering continues to challenge the brain and thinking no matter what age or type of discipline you have studied. I volunteer at a local museum of science where we build hands-on science exhibits for kids which continues to expose me to new technologies and is challenging and its fun working with young kids in the process. My hope is that we can encourage more young women and men to go into engineering and discover that, yes it is hard work, but it is very rewarding and will give you life skills that allow you to pick any path and be successful. There are so many new science and technology breakthroughs today that could never even be guessed at when we graduated and it will be these new students coming from Mines who will be making the next generation of technology breakthroughs because of their education.”

The SDSM&T Foundation is very grateful for all of Jim and Kathy’s generosity and support.

Adopt-A-High-School

For any alumni looking for a way to give back to their alma mater, consider spreading the word about the South Dakota School of Mines by adopting a high school!

The SDSM&T admissions office is hoping to get alumni to step forward and volunteer at any high school of their choosing to help spread awareness of Mines. Most alumni choose a high school near their current location or the high school they attended. The admissions office will send alumni recruitment materials, help them learn about what is new at Mines, give them updates on programs and success stories, and help set up the visits at the high school. An example of when the alum might

visit the high school is during a lunch period, a science class, or with the guidance counselors.

The adopt-a-high-school program is a great way for alumni to volunteer and give back all while increasing awareness of Mines and recruiting talented students.

If you are interested in the adopt-a-high-school program please contact Samantha Dunn, admissions counselor, at (605) 394-6144 or by email at samantha.dunn@sdsmt.edu. The admissions office will send a packet of information upon request to any alumni wishing to visit a high school.

Spread the Mines word. Please volunteer today!



The SDSM&T Foundation is a non-profit corporation operating under the 501(c)(3) designation assigned by the Internal Revenue Service.

SDSM&T FOUNDATION	
306 East Saint Joseph Street, Suite 200 Rapid City, South Dakota 57701 (605) 394-2436 • (800) 211-7591 Fax: (605) 394-6679 E-mail: foundation@sdsmt.edu Website: http://foundation.sdsmt.edu	
Joel Kincart.....	President
Peggy Dixon	Program Administrator
Anne Ekern	Regional Development Officer
Jay Hrachovec	Volunteer Coordinator
Ron Jeitz.....	Regional Development Officer
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Brianna Pesek.....	Communications & Development Administrator
Michael Selzer	Senior Development Officer
Larry Simonson	Major Gifts Officer
Lana Thom	Director of Financial Services
Jim Wilson.....	Real Estate Property Manager

The Foundation Update shall be used as a forum to advise alumni and friends of important events occurring on campus and within the Foundation. I extend thanks to the individuals who have contributed news reports to the Foundation Update and to the Rapid City Journal, our publisher.

-Brianna Pesek, Editor

SD Mines announces \$1.4M raised for Energy Resources Initiative search for director begins



The South Dakota School of Mines & Technology announced February 25 that \$1.4 million has been raised for its new Energy Resources Initiative, and the search will begin for a director.

The initiative includes both research and teaching to better meet the growing demands of the upstream and downstream oil and gas industry. The Energy Resources Initiative was announced last summer along with the creation

of a minor in petroleum systems and leverages the university's expertise and research in rock properties, water resources and materials development, as well as its location in an energy-rich pocket of the country, within 300 miles of the Williston, Denver and Powder River basins.

"Last fall our first students started courses in the petroleum systems minor. We will have our first petroleum field camp this

summer, and, with the support of very generous donors, we are now ready to recruit a program director and senior faculty member to lead the initiative," said SD Mines President Heather Wilson.

A search will begin immediately for a new senior faculty member in petrophysics or geomechanics who will serve as director of the Energy Resources Initiative. The new director will have broad leadership responsibility for significant research, teaching, fundraising and further development of the initiative.

"Funding for the Energy Resources Initiative is off to a great start thanks to the collaborative efforts of the university's Foundation and staff. We are encouraged by the support of alumni and energy industry members and are well on our way towards our goal of being able to provide better-prepared students to industry,"

said Steve O'Rourke (GeolE 83) is serving as chair of the steering committee. O'Rourke, president of Heat Mining LLC, is former president of global exploration for BHP Billiton.

With 20 percent of Mines graduates already hired into the energy industry, the interdisciplinary Energy Resources Initiative aims to better prepare students for advanced career options, as well as position the university's faculty researchers as resources for upstream and downstream oil and gas companies.

The university is also developing a graduate certificate in petroleum systems focusing on graduate level training.

Last summer Mines was among a handful of higher education institutions invited to testify before a Congressional subcommittee on its energy education efforts.

SDSM&T alumnus turns 100



Dr. Maynard Raasch

According to the School of Mines records, Dr. Maynard Raasch (ChemE 37) is our oldest living alumnus. Maynard recently celebrated his 100th birthday in Wilmington, DE.

Many friends and family gathered February 22 to celebrate Maynard's 100th birthday, to reminisce and share stories. Ron Jeitz, regional development officer for the Foundation, attended and spoke on behalf of the School of Mines. Ron presented Maynard with a Mines lapel pin, a letter from President Heather Wilson, and a photo album of the Raasch Chemistry laboratory filled with students. Dennis Daugaard, Governor of South Dakota, proclaimed February 27, 2015 as Maynard Raasch Day.

Maynard was born in Watertown, SD, on February 27, 1915. He graduated from the South Dakota School of Mines in 1937 with a Bachelor of Science degree in chemical engineering. He then enrolled as a graduate student in chemistry at Ohio State University (OSU). At OSU, he became president of

the OSU Chapter of Phi Lambda Upsilon, the national chemistry honor society, and was a member of Sigma Xi, the oldest scientific research society in the world. He received a master's degree in 1938 and a Ph.D. in 1941 in organic chemistry from OSU.

In 1941, he joined the Central Research Department of the DuPont Company at the Experimental Station where he became a member of a wartime team developing an antiradar coating for airplanes under the auspices of the U.S. Naval Research Laboratory and the U.S. Office of Science and Technology. He is the author of 34 articles, 33 patents, and two book chapters in the field of organic chemistry. He retired from DuPont in 1980 at age 65, but returned in 1985 for six months as a consultant. He spent four months at Stetson University in 1984 and three months at the University of Alabama in 1987 as a research scientist. He is an emeritus member of the American Chemical Society.

Maynard has been a longtime



Dr. Maynard's famous map – each pin represents a place he visited. He has been to every country in the world except for two and many countries that no longer exist.

supporter of Mines. He has a great love for SDSM&T and how it prepared him for a life of research at DuPont. Maynard established the Maynard Raasch Fund in 2008 to support the new addition to the chemical and biological engineering and chemistry (CBEC) building. In recognition to his generous support, the university named the chemistry laboratory in the new

building the "Raasch Chemistry Laboratory". Part of the fund was used to equip the teaching and researching laboratory modules in the new addition. The remaining funds were used to establish the Maynard Raasch Endowment. The earnings from the endowment provide maintenance support and upgrades for the Raasch Chemistry Laboratory and scholarship support for students majoring in chemistry at Mines.

Maynard received the SDSM&T Distinguished Alumni Award in 2011. The School of Mines is very grateful for Maynard's generosity and devotion to the university. We wish him a very happy belated birthday!

Editor's Note:

We are sorry to report that Dr. Maynard Raasch passed away March 24, 2015.



Dr. Maynard Raasch and the photo album from SDSM&T



SDSM&T Foundation

Around and About



Bakersfield, CA – January 23, 2015 — From left to right: Terry (EE 87) and Denise Treiberg, Gaurdie Banister (MetE 80), Ed Ogren (MinE 80), Larry Simonson (EE 69), David Ogren, Stan Ellis (Math 74), Jose Iguaz (ME 97), Swish (holding the NBA Development League Showcase Cup), Deb and Bob (ME 73) Waxdahl, and Vonnie and Jim (Geol 82) Bush.



Kansas City, MO – September 26, 2014—From left to right: Lance Kilburn (EE 14), Pat Mahon (Dean of Students), Spencer Ferguson (CE 14), Tony Kulesa (CE 12), and Susan Pollock (EE 90).



Liberty, MO – William and Jewell College—September 27, 2014— From left to right: Russ Roeber (ChE 70), Jim Morgan (ME 01), Marshall Davis (EnvE 14), Coach Collins, Kyle Garstang (IE 02), and Kolbe Gravatt (CE 02).



Sioux Falls, SD – October 29, 2014— Front Row (from left to right): Joel Lueken (Athletic Director), Matt (CSc 02) and Keri (Chem 01) Orstad, and Mary Koch; Back Row: Jerry Lipovsky (ME 73), Jon Christopherson (EE 84), Norm Johnson (EE 66), Richard Dahl (EE 98), James Unruh (CE 84), Mike Koch (MinE 80), Nate Brown (Hardrock Club President), and Wayne Binfet (EE 68).



Casper, WY – January 19, 2015— From left to right: Lukas Munsell (EE 09), Hank Tanner (ChE 08), and Justin Gaspar (EE 10).



Rapid City, SD – Hardrocker Football game—September 20, 2014— From left to right: Dave Hastreiter, Todd (EE 90) and Becky Person, and Janice Hastreiter.



Sunnyvale, CA – January 22, 2015— From left to right: Ravi Rao (MS EMGT 84), Vijay Ranganajan (MS EE 84), and Shiri Kadambi (MS EE 84).



Brookings, SD – October 30, 2014— From left to right: Chris Rudd (ME 03), Joel Lueken (Athletic Director), Jerry Lipovsky (ME 73), Sam Martens (EE 93), Russ Neyens (CE 00), Shawn Weber (CE 96), Adam Gilliland (CE 05), Travis Whitehead (ME 06), Jerome Johnson (EE 70), and Nate Brown (Hardrock Club President).



Sioux Falls, SD – October 29, 2014— From left to right: Arlean and Warren Jensen, Jay Van Hove (CE 97), Roger Kehm (EE 50), Tammy Klein (IE 96), Greg Hintgen (EE 99), Chris Klein (MinE 97), Erik Engelmeyer (EE 10), Wayne Larsen (GeolE 76), Rob Howe (EE 72), and Jena, Dylan, and Kyle Storm (IE 05).

Giving for the greater good and generations to come



Janice Vosika

The Foundation, Hardrock Club, and Alumni Association are combining resources for greater impact, identifying ways to improve and meet the university's most critical needs. Fundraising as one through the Mines Annual Fund allows these organizations to invest strategically in future priorities while continuing to support existing ones.

Educating world-class scientists and engineers is the university's overarching mission, and that's possible through gifts to the annual fund, which also help ensure the successes of the

more than eighty student organizations that make up the vibrant mosaic of campus life. Scholarship recipients, departments, and student activities all benefit from the generous donors who give to the Mines Annual Fund.

"Without a doubt, the education and experiences I had at Mines helped me succeed in my career. Valuable learning came from my classes, labs, teams, and extracurricular activities. It built a great base to draw from throughout my professional career," said Janice Vosika (ChemE 81), who began giving in 1984. "Because of my strong belief in the university's mission, I recruited and helped my employer hire many outstanding graduates from Mines. Donating to the Mines Annual Fund is a good way to leverage my donation, as it supports the operation of the Foundation, which in turn can generate even more funds for scholarships, facilities improvements, and faculty."

Strategically combining the efforts of primary fundraising organizations will allow the university's successes to continue to multiply. Already, Mines boasts a 98 percent placement rate, average early-career salaries above \$65,000, and a spot on the list of "America's 100 Best College Buys" seventeen years running—surpassing even Harvard with its early-career return on investment.

Tom Zeller (ME 70) says that legacy is behind his giving, a passion he

hopes to pass on to recent grads. "It's important for younger alums to give because it's an opportunity to stay connected, maintain a network of friends and colleagues, and watch their careers grow."

The SDSM&T Foundation finished their annual phonathon in January raising over \$41,000 with the majority of it going to the Mines Annual Fund. You can also expect the spring Mines Annual Fund brochure in your mailbox soon so keep an eye out!



Tom Zeller

Peabody gives \$20,000 for student support

The South Dakota School of Mines recently received a \$20,000 gift from Peabody Energy for student support in the department of mining engineering and management. The gift will fund scholarships, travel and conference registrations as part of Peabody's continuing support of the university.

A team of Peabody representatives was on campus during the university's fall career fair to present the check to Lance Roberts, Ph.D., a 1998 alumnus and head of the department of mining engineering and management. Among Peabody's team visiting campus were Ted Gardner and Chrissy Gilbert, human resources managers; Jim Guthrie, director of operational support and a 1979 alumnus; Josh Price,

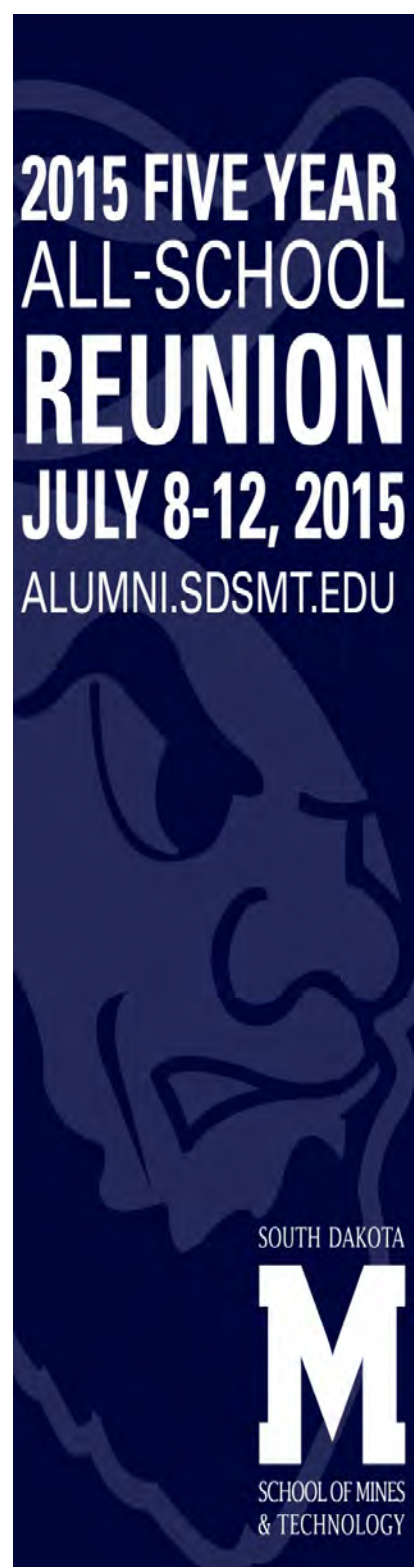
director of technical services and a 2001 alumnus; and Steve Hector, a senior engineer and 2009 alumnus.

"I want to personally thank Peabody for being such a great supporter of the mining engineering and management department at SDSM&T. I look forward to continuing the close relationship and know that we will continue to provide the best talent to serve their needs," Roberts said.

Peabody Energy is the world's largest private-sector coal company headquartered in St. Louis, MO, with a workforce of more than 8,000 employees. Peabody President and Chief Operating Officer Glenn Kellow visited the Mines campus last April and delivered the keynote address at the spring commencement ceremony.



Peabody team of representatives



SCHEDULE OF ACTIVITIES

WEDNESDAY, JULY 8

- 1PM to 4PM Early Registration, Surbeck
- 2PM to 4PM Alumni Board/Area VP Meeting, Surbeck
- 5PM to 7PM BBQ for Boards & Area VPs of Alumni/Foundation/Hardrock Club, University Residence

THURSDAY, JULY 9

- 8AM to 4PM Registration, Surbeck
- 9AM to 10AM Presidents' Address, Surbeck
- 10AM to 1PM Tunnel Activity, Quad
- 1PM to 4PM Foundation Annual Meeting, TBD
- 4PM to 6PM All-Class Social, Ramkota

FRIDAY, JULY 10

- 8AM to 4PM Registration, Surbeck
- 7AM to 11AM Hardrock Club Golf Classic, Golf Club at Red Rock
- 8AM to 12PM Campus Open Houses & Dedications
- 12PM to 3PM Family Picnic, Quad
- 2PM to 3PM Meet the Athletic Director Reception, Wellness Center
- 3PM to 5PM Unit Reunions
- Evening Greek/Non-Greek Banquets & Dance, Ramkota

SATURDAY, JULY 11

- 7AM to 9AM Pancake Breakfast, Surbeck
- 9AM to 11AM M Hill Climb
- 11AM to 12PM Reunion Plaque, M Hill
- 12PM to 4PM Class Luncheons
- 7PM to 9PM SD Mines Birthday Party, Ramkota

SUNDAY, JULY 12

- 8AM to 9AM Sunrise Service, Mt. Rushmore
- 10AM to 4PM Self-Guided Hike, Harney Peak

We invite you to the 2015 All School Reunion. We hope you enjoy the planned activities, exploring campus, and reviving old friendships! For complete information and registration, please visit the <http://alumni.sdsmt.edu/reunion2015> webpage.