

South Dakota Workforce Development Council

July 31, 2012 1:30 Central Time
Kneip Conference Room #3

Board of Regents Workforce Update

Internships, Summer 2012: School of Mines Engineering and Science Students

Information about summer 2012 internships was provided by Darrell Sawyer, Ed.D., Director, Career Center, South Dakota School of Mines & Technology (<http://careers.sdsmt.edu>; by email, June 23).

- 85% (277 of 325) of SDSM&T students seeking an internship or research position reported securing a position.
- 36% (99 of 277) of SDSM&T intern students accepted positions with South Dakota employers
- SDSM&T students are interning for 115 different employers in 29 states and Canada
- SDSM&T students are interning for 38 employers in South Dakota in 19 communities (see list below).
- The average 2012 spring co-op and summer wage offered to SDSM&T students was \$17.15 per hour. (See table below). The average does not include housing stipends, travel reimbursements, or bonuses that some employers provide.

SOUTH DAKOTA INTERN EMPLOYERS OF SDSM&T STUDENTS, Summer 2012

American Engineering Testing	Rapid City
Black Hills Corporation	Rapid City
Black Hills Nanosystems	Rapid City
Black Hills National Forest	Custer and Spearfish
Brosz Engineering	Sturgis
CHR Solutions	Rapid City
City of Pierre	Pierre
Dakota Power	Rapid City
Dakota Trailer	Yankton
Daktronics	Brookings
DocuTap	Sioux Falls
DOE	Vermillion
EROS Data Center	Garretson
Four Front Design	Rapid City
FTW Interactive	Spearfish
GCC Dacotah	Rapid City
GeoCorps	Interior
Goldcorp	Lead
Hills Materials	Rapid City
Innovative Systems	Rapid City

Paul A. Gough, Director of Policy & Planning paulg@sdbor.edu (605) 773-3455
Board of Regents: <http://www.sdbor.edu>

KL Energy	Rapid City
MDU	Rapid City
Molded Fiber Glass	Aberdeen
Mount Rushmore National Memorial	Keystone
POET	Scotland
Raven Industries	Madison, Sioux Falls, and Rapid City
RPM & Associates	Rapid City
Sanford Underground Lab	Lead
SD Climate Office	Rapid City
SDSMT - AMP Lab, CAPE, Faculty Research, REU	Rapid City
Skyline Engineering	Rapid City
South Dakota DOT	Winner, Rapid City and Pierre
South Dakota GEAR UP	Rapid City
South Dakota National Guard	Rapid City
Sperlich Consulting	Rapid City
Trail King	Mitchell
Vishay	Yankton
Wildcat	Freeman

Wage Offers to SDSM&T Students for Spring Co-ops & Summer Internships

Major	Average*	Low	50th Percentile	High	# Reports**
OVERALL	\$17.15	\$8.00	\$17.00	\$31.00	294
Chemical Eng.	\$20.40	\$8.00	\$21.95	\$28.00	41
Civil Eng.	\$12.96	\$9.00	\$12.00	\$20.45	28
Computer Eng.	\$14.53	\$11.00	\$15.00	\$17.00	6
Computer Sci.	\$14.80	\$10.00	\$15.00	\$21.15	17
Electrical Eng.	\$17.43	\$11.00	\$16.50	\$24.00	20
Environmental Eng.	\$20.25	n/a	n/a	n/a	1
Geological Eng.	\$19.27	\$13.50	\$17.50	\$30.61	13
Industrial Eng.	\$16.60	\$11.05	\$15.25	\$27.00	27
Mechanical Eng.	\$16.83	\$10.00	\$16.50	\$31.00	88
Metallurgical Eng.	\$17.03	\$10.00	\$17.40	\$21.25	13
Mining Eng.	\$19.21	\$9.45	\$19.00	\$31.00	31
Science Majors	\$15.51	\$8.00	\$15.00	\$20.00	9

*The average does not include any housing stipend, travel reimbursement, or bonus that some employers provide.

** Some students receive multiple internship offers and so report more than one salary offer. The table includes wage offers reported by SDSM&T students for spring 2012 co-ops and summer 2012 internships.

Internships, Summer 2012: Dakota State University, Information Technology Students

Press release URL: <http://www.dsu.edu/news/2012/it-internships-0719.aspx>

Dakota State students start their IT careers

Dakota State students majoring in information technology are getting a jump start on their careers. Many students in the College of Business and Information Systems take advantage of the growing number of businesses that offer intern positions for college students.

Andrew Cedergren, a senior [Information Systems](#) major from Sioux Falls, S.D. currently serves as a Network Services Intern at [South Dakota Unified Judicial Systems](#) in Pierre, S.D.

“I have found that the internship program is invaluable in teaching the soft skills you do not learn in school,” says Cedergren. “The procedural and personal knowledge learned is definitely the biggest benefit of the internship program.”

Cedergren is not the only student finding that internships can teach students just as much as in the classroom. Brandi Feldmann from Meadow Grove, Neb. interns at [Epiq Systems, Inc.](#) in Kansas City, Mo. as a Security Analyst. She currently is a sophomore double majoring in [Network and System Administration](#) and [Computer and Network Security](#) at DSU.

Feldmann experiences new skills and events that a student would not necessarily learn in a classroom environment, along with the hands-on learning which will help her and other students succeed in their careers.

“Internships give you a new perspective on how things are done and they even give you a new perspective on what is being taught to you, you can appreciate what you are learning,” declares Feldmann.

DSU alumni also hire DSU interns because they know the quality of the student and the internship. Vince Connelly, DSU alumnus and Director of Software and Product Development at [Omnitech, Inc.](#) in Sioux Falls, S.D. states that he values what internships bring to both the business and the student.

“Internships are invaluable to students, schools, and employers,” says Connelly. “From an employer’s perspective, we have the opportunity to positively influence their understanding of career options and assess future talent in our business environment. From a student’s perspective, the work experiences that I had while a student at DSU gave me real-world context to more clearly understand certain subjects, increased my ability to ask informed questions in class and helped me determine my career path.”

DSU students from all different majors and backgrounds participate in internships, both on and off campus. These internships provide real-world experiences that they can use in the remainder of their courses. Internship completion also contributes to job search success after graduation. The large number of students completing internships helps explain why DSU’s graduating class of 2011 had a 94% job placement in their field of study. A college education plus on-the-job experience means that employers can hire with confidence.

“For me, it has shown the day-to-day tasks that a district level coordinator has to fulfill,” says Steven Millage, who is interning at [Madison Central School District](#) as a Network Administrator. Millage is a senior [Network and System Administration](#) major from Vermillion, S.D.

Millage sums up his experience as being one that will help him down the road in his career. “It prepares us for some of the challenges which we will face in the future.”

Other students participating in internships this summer include:

- Jacob Nyenhuis, a senior [Network and System Administration](#) major from Sioux Falls, S.D., interns at [Avera Health](#) as an IT intern in Sioux Falls, S.D.
- Michael Hoffman, a junior [Computer and Network Security](#) major from Beresford, S.D., interns at [Secure Banking Solutions](#) in Madison, S.D.
- Tyler Bouma, a sophomore [Information Systems](#) major from Sioux Falls, S.D. interns at [Omnitech, Inc.](#) as a Software Developer intern in Sioux Falls, S.D.
- Jason Panek, a junior [Information Systems](#) major from Tea, S.D. interns at [Wells Fargo Retirement Technology](#) in Sioux Falls, S.D.
- David Cole, a junior [Network and System Administration](#) major from Geddes, S.D., interns at [CHR Solutions](#) as an Activations intern in Mitchell, S.D.

Career Camps: University of South Dakota Sixth Annual Healthcare Career Camp Held in June

Press release URL: <http://www.usd.edu/press/news/news.cfm?nid=2461> (excerpt below).

USD Healthcare Careers Camp URL: <http://www.usd.edu/medical-school/health-careers-camp.cfm>

Students examine career opportunities in health care at USD camp

VERMILLION, S.D. -- Nearly 50 high school students from across South Dakota and from nearby areas of Nebraska, Iowa and Minnesota received an up close look at careers in health care professions during the sixth annual Healthcare Careers Camp, June 17-22, at the University of South Dakota.

With the help of various presenters, tours and activities, students learned what it takes to pursue a future in health care. Health care professionals were in attendance to inform camp participants of career options and to discuss important issues such as salaries, educational requirements and the need to augment the future health care workforce – in all disciplines – in order to accommodate projected health care demands. The term “Baby Boom Generation” also became a familiar phrase to the campers during the week.

According to Jerry Yutzenka, Ph.D., director of Diversity Affairs for the Sanford School of Medicine and a pre-medicine adviser for the University, the camp was created to allow high school students the opportunity to observe, ask questions and interact with professionals from a variety of health care areas. Throughout the week, campers attended group activities and discussions; presentations by faculty and health care professionals from USD, the Sanford School of Medicine, the USD School of Health Sciences and the Sanford Vermillion Medical Center; and participated in field trips to area medical facilities. This year, students also had the opportunity to receive training and certification in both the Heartsavers CPR/AED and the Health Insurance Portability and Accountability Act.

Students attending the 2012 camp included Jenae Schneider of Big Stone City, S.D., Traci Lenz of Brandon, S.D., Emma McCarty, Brookings, S.D., Katlyn Hurlburt, Carroll, Neb., Hanna Ramstad, Colton, S.D., Amber Landsman, Elkton, S.D., Rachel Deurmier of Eureka, S.D., Trevor Kampshoff of Fulton, S.D., Rachel Flaugh of Hartington, Neb., Melissa Smith of Hazel, S.D., Shane Hansen and Angela Merrill of Hot Springs, S.D., Halle LaRoche of Lower Brule, S.D., Shayla Gayton of McLaughlin, S.D., Michael Buchanan of Mina, S.D., Miranda Goldammer and Amanda Hegg of Mitchell, S.D., Victoria Moretta of Mobridge, S.D., Breeahna Ninneman of Ortonville, Minn., Lydia Yellow Hawk of Parmelee, S.D., McKenna Halverson, Stephanie Harris, Wyatt Rumrill, Rhiannon Sears and Molly Tschetter of Pierre, S.D., Anna Flitner and Jaylen Uthe of Presho, S.D., Luke De Jong of Rock Rapids, Iowa, Heather Mead of Salem, S.D., Ashley Lemke of Sibley, Iowa, Jason Rasmussen of Sioux City, Iowa, Jonica Goens, Madison Mead and Corbin Ryswyk of Sioux Falls, S.D., Kayla Bouska of Stuart, Neb., Jennifer

Rang of Summerset, S.D., Brianna Jurrens of Toronto, S.D., Maria Callegari, Mikaela French, Sarah Hansen, Alexis Reich, Brooke Schwasinger, Christian Wasley and Sydney Kronaizl of Vermillion, S.D., Alexis Logue of Volin, S.D., Alexandra Fairchild of Watertown, S.D., Shaydeen Graves of White, S.D., and Molly King and McKayla Thieman of Yankton, S.D.

USD students Janine James of Cheyenne, Wyo., TiAnna Vogt of Bonesteel, S.D., Lizz Hoffman of Eureka, S.D., Mitch Wagner of Milbank, S.D. and Erik Burnison of Huron, S.D. served as counselors and guides for the camp. Financial support for the camp was provided Sanford Vermillion Medical Center, The Dakota Hospital Foundation, Delta Dental of South Dakota, The Seventh District Medical Society, Sanford School of Medicine, USD School of Health Sciences, Sanford USD Medical Center and Sanford Research/USD. A special thanks to Pioneer Memorial Hospital and Health Center in Viborg, S.D., Sanford Chamberlain, Northeast Area Health Education Center, Yankton Rural Area Health Education Center, South Dakota Area Health Education Center and the South Dakota Department of Health for providing additional camp support.

New Programs Approved, June

Dakota State University, M.S. in Applied Computer Science

BOR press release: [Dakota State to Offer New Graduate Degree in Applied Computer Science](#)

- The degree will prepare students for careers in applied computer science, software engineering, and information security, including positions such as software architect, network analyst, senior applications developer, database administrator, and systems analyst.
- The degree will be delivered on campus and by distance technology.
- DSU Graduate Programs: <http://www.dsu.edu/gradoffice/index.aspx>

Northern State University, A.S. in Biotechnology

BOR press release: [New Science Degrees Approved at Two South Dakota Universities](#)

- The program will prepare students for positions in the South Dakota biotechnology industry.
- Northern worked with employers in the region to design the program. The program proposal lists firms willing to provide internships to students in the program.
- NSU Biology: <http://www.northern.edu/cas/Pages/biology.aspx>

Northern State University, Master of Music Education

BOR press release: [Master of Music Education Degree Approved at Northern State](#)

- The Master of Music Education will provide professional development for South Dakota's band, orchestra, choir, and musical theatre teachers.
- Music teachers will take online courses during the school year and attend summer classes at Northern.
- NSU Master of Music Education: <http://www.northern.edu/graduate/Pages/music/default.aspx>

University of South Dakota, B.S. in Medical Biology

BOR press release: [New Science Degrees Approved at Two South Dakota Universities](#)

- The B.S. in medical biology is designed to prepare students for medical school and for other programs such as dentistry, physician assistant, physical therapy, and podiatry.
- The program is based on national developments in medical education and was developed by the Sanford School of Medicine and the College of Arts and Sciences.
- USD Biology: <http://www.usd.edu/arts-and-sciences/biology/index.cfm>

Program Authorized for Distance Delivery, June
South Dakota School of Mines & Technology, M.S. in Construction Management, Internet
BOR press release: [New Science Degrees Approved at Two South Dakota Universities](#)

- Offering the M.S. in Construction Management online will contribute to development of the state's construction industry workforce.
- Online delivery will allow students to remain employed and living in their home communities.
- SDSM&T M.S. in Construction Management: <http://cee.sdsmt.edu/167396>

New Baccalaureate Minors Approved, May and June

BOR press release: <http://www.sdbor.edu/mediapubs/pressreleases/documents/051712Programs.pdf>

BOR press release: <http://www.sdbor.edu/mediapubs/pressreleases/documents/062912Degrees.pdf>

The Board approved minors proposed by Dakota State University, South Dakota School of Mines & Technology, and the University of South Dakota at the May and June meetings. The universities design minors to provide background in the discipline. The universities expect that graduates with the minors will be more competitive when seeking employment or admission to advance degree programs.

<u>Minors Approved in May</u>	<u>Minors Approved in June</u>
DSU – Audio Production	USD – Conservation & Biodiversity
SDSM&T – Environmental Engineering	USD – Finance
SDSM&T – Sustainability Engineering	USD - Marketing
USD - Accounting	USD - Sustainability
USD – International Business	

SDSU Graduates Complete Veterinary and Dentistry Programs

Four graduates of South Dakota State University were awarded the Doctor of Veterinary Medicine (DVM) degree by Iowa State University in May. The new veterinarians received bachelor's degrees from SDSU in May 2008:

- **Michelle Lynn (Monson) Blaha**, Webster, B.S. in Biology
- **Derek Joseph Petersen**, Ipswich, B.S. in Animal Sciences
- **Lori Beth (Rotert) Rasmussen**, Salem, B.S. in Animal Sciences
- **Michael George Swann**, Sioux Falls, B.S. in Biology

SDSU reported that **John Heezen** graduated from the University of Minnesota Dental School in May.

South Dakota State University - Army, Air Force ROTC commission cadets

Wednesday, April 25, 2012

SDSU press release: <https://www4-auth.sdstate.edu/news/articles/2012-rotc-commissions.cfm>

SDSU Military Science <https://www4-auth.sdstate.edu/msl/index.cfm>

SDSU Aerospace Studies <https://www4-auth.sdstate.edu/msl/index.cfm>

Twenty ROTC cadets will be commissioned as second lieutenants and receive their active duty military assignment during ceremonies Friday and Saturday, May 4-5, at South Dakota State University.

Ten **Army ROTC** cadets will be commissioned through the Department of Military Science at 11 a.m. May 4 at Peterson Recital Hall in Lincoln Music Hall on campus.

They are:

- **Logan G. Beiswanger, Mitchell**, is part of the Army Nurse Corps. He will begin active duty and attend the Nurse Corps Basic Officer Leader's Course at **Fort Sam Houston, Texas**. The 2006 Mitchell High School graduate will receive a bachelor's degree in nursing.
- **John N. Breeschoten, Volga**, is part of the Transportation Corps. He is a member of the South Dakota Army National Guard, Detachment 1, 740th Transportation Company, Aberdeen. The 2007 graduate of Sioux Valley High School in Volga will receive a bachelor's degree in electrical engineering. He will attend the Transportation Corps Basic Officer Leader's Course in August at **Fort Eustis, Va**.
- **Dustin G. Koel, Rock Rapids, Iowa**, is part of the Army Nurse Corps. He will begin active duty and attend the Nurse Corps Basic Officer Leader's Course at **Fort Sam Houston, Texas**. The 2007 graduate of Western Christian High School, Hull, Iowa, will receive a bachelor's degree in nursing at Augustana College, Sioux Falls, and a commission through SDSU.
- **Jess W. Krantz, Watertown**, is part of the Adjutant General Corps. He was a member of the South Dakota Army National Guard, 235th Military Police, Sioux Falls. Krantz will be an officer with the 2nd Psychological Operations Group, **Twinsburg, Ohio, U.S. Army Reserve**. The 2005 graduate of Watertown High School will receive a bachelor's degree in general studies. He will attend the Adjutant General Corps Basic Officer Leader's Course in September at **Fort Jackson, S.C**.
- **Daniel A. Larsen, Mankato, Minn.**, is part of the Army Nurse Corps. He will begin active duty and attend the Nurse Corps Basic Officer Leader's Course at **Fort Sam Houston, Texas**. The 2008 graduate of Mankato East High School will receive a bachelor's degree in nursing at Augustana College and a commission through SDSU.
- **Jacob T. Lueders, Ottertail, Minn.**, is part of the Corps of Engineers. He will begin Corps of Engineers Basic Officer Leader's Course at **Fort Leonard Wood, Mo.**, June 4. Then Lueders' first active duty assignment will be at **Fort Carson, Colo**. The 2007 graduate of Perham (Minn.) High School will receive a bachelor's degree in mechanical engineering.
- **Ellen A. E. Miller, White**, is part of the Corps of Engineers. She is a member of the South Dakota Army National Guard, 115 Signal Corps, Brookings. The 2007 graduate of Deubrook High School will receive a bachelor's degree in health, physical education and recreation. She will attend the Corps of Engineers Basic Officer Leader's Course June 4 at **Fort Leonard Wood**. Miller will serve as an officer in the South Dakota Army National Guard, **200th Engineers, Pierre**.
- **Alex J. Van Overschelde, Letcher**, is being commissioned in the field of ordnance. He is a member of the South Dakota Army National Guard, Company B, 139th Brigade Support Battalion, Mitchell. The 2008 graduate of Mitchell High School will receive a bachelor's degree in pharmaceutical

sciences. He will attend the Medical Service Corps **Basic Officer Leader's Course at Fort Sam Houston, Texas, and serve as an officer in the South Dakota Army National Guard, 147th Forward Support Company, Mitchell**, while completing his Pharm.D. program.

- **Betsy M. Suhr, Webster**, is a quartermaster and a member of the South Dakota Army National Guard, Company A, 139th Brigade Support Battalion, Redfield. The 2007 graduate of Webster High School will receive a bachelor's degree in global studies. She will attend the Quartermaster Basic Officer Leader's Course in July **at Fort Lee, Va.**, and then serve as an officer in the South Dakota Army National Guard, **147th Forward Support Company, Mitchell**.
- **Brian D. Taylor, Grand Junction, Colo.**, is part of the military police and will be an officer with the 470th Transportation Command Battalion, **Arlington Heights, Ill., U.S. Army Reserve**. He graduated from Patch American High School, Germany, in 2006, and will receive a bachelor's degree in health promotions. He will attend the Military Police Basic Officer Leader's Course in December at **Fort Leonard Wood**.

Air Force ROTC

Ten Air Force ROTC cadets will be commissioned through the Department of Aerospace Studies in the South Dakota Art Museum auditorium at 1:30 p.m. May 5.

They are:

- **Daniel J. Brom, Prairie du Chien Wisc.**, will be attending pilot training at **Laughlin Air Force Base, Texas**.
- **Ashley N. Brown, Rapid City**, will be attending intelligence training at **Goodfellow Air Force Base, Texas**.
- **Macie L. Cottier**, a University of Sioux Falls student from **Gillette, Wyo.**, will be commissioned through SDSU and go to **Minot Air Force Base, N.D.**, in security forces.
- **Jynna R. Coyle, Belle Fourche**, who will be commissioned after she passes her nurse licensing exam, will go to the Nurse Transition Program at Cincinnati and then be stationed at **Travis Air Force Base, Calif.**
- **Emily A.(Cordell) Givens, Watertown**, who will be commissioned after she passes her nurse licensing exam, will be going to the Nurse Transition Program at Cincinnati and then to **Mt. Home Air Force Base, Idaho**.
- **Lynae S. Fisher, an Augustana College student from Adair, Iowa**, will be commissioned through SDSU and go to Vandenberg Air Force Base, Calif., for missile training and then to **Malmstrom Air Force Base, Mont.**
- **Kiley R. (Rosendahl) Hefty, Algona, Iowa**, will be heading to the **Washington, D.C., to work in the Pentagon in research**.
- **Brady A. Jackson, Tracy, Minn.**, will be attending pilot training at **Laughlin Air Force Base, Texas**.
- **Elizabeth S. (Metcalf) Jackson, Anchorage, Alaska**, who was commissioned in October 2011, will be heading to **Andrews Air Force Base, Md., in force support**.
- **Emily A. Scharfe, Balaton, Minn.**, was commissioned in February. She is attending the **Nurse Transition Program in Scottsdale, Ariz.**, and then will be stationed at **Travis Air Force Base, Calif.**