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*Tau Beta Pi*

UNIVERSITY OF WYOMING  
ENGINEERING  
HONORS BANQUET



APRIL 25, 2003  
WYOMING UNION BALLROOM • UNIVERSITY OF WYOMING



## MESSAGE FROM THE DEAN

Again, my hat is off to the Wyoming Alpha Chapter of Tau Beta Pi. The Chapter continues to excel as a student organization. This annual banquet is the culmination of their many activities for the year.



For those of you who are unfamiliar with Tau Beta Pi, it is the national honorary for engineering students. It was formed in 1885 for engineering students in response to Phi Beta Kappa, the liberal arts honorary, and there are now 233 collegiate chapters in the US. To be invited to join Tau Beta Pi, undergraduate students must be in the top 1/8 of their class when they are juniors. As seniors they must be in the top 1/5 to be invited for membership.

Aside from graduation, tonight is the highlight of our academic year. We are here to recognize outstanding students, faculty and staff in addition to our many scholarship donors. Those we recognize this evening are examples of the excellent work of a dedicated faculty, committed staff, and students who are enthusiastic about learning.

My congratulations to all of the students, faculty and staff formally recognized this evening and my thanks to the donors who make possible an excellent scholarship program.

A handwritten signature in black ink, appearing to read "Gus". The signature is fluid and cursive, with a long horizontal stroke extending to the right.





# ENGINEERING HONORS BANQUET PROGRAM



Master of Ceremonies ..... *Janna Jo Thomas, President of Tau Beta Pi*  
*Andrea Adams, Vice President of Tau Beta Pi*

Welcome ..... *Dr. O.A. "Gus" Plumb, Dean*

Scholarship Donors and Recipients .....  
*Presented by Janna Jo Thomas, President of Tau Beta Pi*  
*Andrea Adams, Vice President of Tau Beta Pi*



## TAU BETA PI

*Presented by Janna Jo Thomas, President*

### OUTSTANDING FRESHMEN

Michael Huntington	COSC	Littleton, CO
Joseph Jording	ME	Newcastle, WY
Andrew Kuhlmann	EE	Rock Springs, WY
Adrienne Lemmers	CVLE	Casper, WY
Trapper Most	ME	Laramie, WY
Tyler Most	ME	Laramie, WY
Emily Nelson	ENUN	Omaha, NE
Patrick Shea	ME	Douglas, WY
Richard Shields	ARE	Laramie, WY
Zachary Tyrrell	CHE	Kemmerer, WY
Steven Vander Giessen	CVLE	Aurora, CO
Thomas Watson	ENUN	Wheatland, WY
Jonathan Zobell	CHE	Lyman, WY

OUTSTANDING SOPHOMORE ..... *Kim Y. Nicholas, CHE, Laramie, WY*

OUTSTANDING JUNIOR ..... *Mindy S. Martin, ARE, Casper, WY*  
*Stephanie A. Popp, ME, Laramie, WY*



## JOINT ENGINEERING COUNCIL

*Presented by Erin Anderson, JEC President*

OUTSTANDING SENIOR ..... *Brian D. Dutton, CPEN, Laramie, WY*

### DEPARTMENTAL NOMINEES

CHEMICAL & PETROLEUM ENGINEERING ..... *Sarah Jane Vogt, Rolla, MO*

ELECTRICAL & COMPUTER ENGINEERING ..... *Jody Riskowski, Kearney, NE*  
*Janna Jo Thomas, Afton, WY*

MECHANICAL ENGINEERING ..... *Walter Sompokwicz, Kemmerer, WY*

▼  
**WYOMING ENGINEERING SOCIETY**  
*Presented by John Steil, WES President*

**OUTSTANDING SENIOR** ..... Brian D. Dutton, CPEN, Laramie, WY

**DEPARTMENTAL NOMINEES**

**ARCHITECTURAL ENGINEERING** ..... John Wilson, Alamosa, CO

**CHEMICAL & PETROLEUM ENGINEERING** ..... Sarah Jane Vogt, Rolla, MO

**CIVIL ENGINEERING** ..... Deidre Bennett, Cheyenne, WY

**MECHANICAL ENGINEERING** ..... Walter Sopkowicz, Kemmerer, WY

▼  
**STUDENT SOCIETY AWARDS**  
▼

**TAU BETA PI**

**OUTSTANDING UNDERGRADUATE TEACHING AWARD**

Dr. David E. Walrath ..... *Presented by Andrea Adams, Vice President*

▼  
**SPECIAL FACULTY AND STUDENT ACHIEVEMENTS**

**SAMUEL D. HAKES OUTSTANDING GRADUATE RESEARCH AND TEACHING AWARD**

Dr. Robert D. Kelly ..... *Presented by O.A. "Gus" Plumb, Dean*

**OUTSTANDING STAFF AWARD**

Peggy McCrackin ..... *Presented by O.A. "Gus" Plumb, Dean*

▼  
**TAU BETA PI EMINENT ENGINEER AWARDS**

*Presented by Andrea Adams, Vice-President*

**WYOMING EMINENT ENGINEER** ..... Michael K. Purcell

**ALUMNUS EMINENT ENGINEER** ..... Dr. John W. Steadman

## TAU BETA PI OUTSTANDING SOPHOMORE



### KIM YUEN NICHOLAS

The 2002-2003 recipient of the Outstanding Sophomore Award is Kim Nicholas, a chemical engineering major with a minor in Spanish from Laramie, WY. At UW, Kim has been involved in the Minority Engineering Program, the American Institute of Chemical Engineers, and College Republicans. She is a volunteer tutor for the Adult ESL Students at LCCC, a soccer coach, and involved with the Catholic Youth Organization.

Kim is a recipient of the UW Presidential Scholarship and received the Tau Beta Pi Outstanding Freshman Award last year. Last fall she was selected as a Peer Assistant for ES 1000 to assist the faculty with course preparation and delivery. This spring she has been a research assistant in the Chemical Engineering Department where she has been investigating the reduction of SO<sub>x</sub> and NO<sub>x</sub> pollutants. Kim has been awarded an NSF/EPSCoR Fellowship this summer to continue this research.



## TAU BETA PI OUTSTANDING JUNIOR



### MINDY S. MARTIN

A co-recipient of the 2002-2003 Outstanding Junior Award is Mindy Martin, an architectural engineering major with a minor in interior design from Casper, WY. Mindy is involved in many activities both in the College and University-wide. She is the Vice President of the Architectural Engineering Institute, an active member of the Joint Engineering Council, Tau Beta Pi, American Society of Civil Engineers, Society of Women Engineers, and the Steel Bridge Building Competition Team. She is also a member of Golden Key Honor Society, Delta Delta Delta Sorority, and a College of Engineering Senator for ASUW student government.

Mindy is a recipient of the President's Honor Scholarship and was selected for the National Dean's List and Who's Who Among America's Colleges and Universities. She has also been on the President's or Dean's List her entire career at UW. After graduation, Mindy plans on obtaining a Master's Degree before pursuing a career as a consulting engineer.



## TAU BETA PI OUTSTANDING JUNIOR



### STEPHANIE A. POPP

A co-recipient of the 2002-2003 Outstanding Junior Award is Stephanie Popp, a mechanical engineering major from Laramie, WY. Stephanie is a member of Tau Beta Pi, national engineering honor society, and Cardinal Key, a national junior honor society. She has also conducted three different research projects funded by the National Science Foundation involving fly vision systems, equipment for the Wyoming Institute for Disabilities, and the effects of heat straightening on the fracture properties of steel.

Stephanie is a SAFE Project Advocate for the Laramie community and a member of Delta Delta Delta Sorority where she has served as Treasurer and as Vice President of Finance. A violinist for eleven years, she currently performs with the University of Wyoming Symphony. She is proficient in Spanish, French, and German and plans to study for a semester at Braunschweig Technical University in Germany through an exchange program with the College of Engineering. This summer, she will be conducting research at MIT's Material Science Department.



**JOINT ENGINEERING COUNCIL  
OUTSTANDING SENIOR**

**AND**

**WYOMING ENGINEERING SOCIETY  
STUDENT ENGINEER OF THE YEAR**



**BRIAN D. DUTTON**

Brian Dutton has been selected for both the Wyoming Engineering Society Student Engineer of the Year and the Joint Engineering Council Outstanding Senior.

Brian graduated from Fort Collins High School in 1991. Upon graduation, he served eight years in the U. S. Marine Corps, where he held a position as a UNIX system administrator and data analyst. He will graduate from the University of Wyoming this May with a degree in Computer Engineering. Brian was awarded a NASA Undergraduate Student Research Fellowship in 2002 to develop hardware and software for anomaly detection in rocket engines. He has also received two DOE/EPSCoR Undergraduate Research Fellowships to study photovoltaic systems and has worked for TriHydro Corporation as a database administrator.



Brian is a member of Tau Beta Pi and is Vice President of the IEEE student chapter at UW. As a member of Tau Beta Pi, he has tutored students in math, science, and engineering courses and is a coach for Little Kickers Youth Soccer Program. He serves on the Council for the University of Wyoming Engineering Fund for Enrichment, which allocates funding for college projects. In each of these organizations, he is a quiet leader, assuming responsibility for projects when needed and ensuring their successful completion. He is a member of Golden Key Honor Society and has been recognized by Phi Kappa Phi as a Sophomore Honor Student. He is an active volunteer in the Head Start Program.

Brian's plans after graduation include starting a career with NAVAIR, doing Fuze development for missile systems. He will pursue a Master's Degree in Electrical Engineering, while employed at NAVAIR and ultimately plans to establish an engineering consulting firm.



# DEPARTMENT HONOR BOOKS



## FALL 2002

CIVIL & ARCHITECTURAL ENGINEERING ..... Travis Wade Halleman, Springfield, IL  
COMPUTER SCIENCE ..... Marc Alan Kerschner, Alliance, NE  
ELECTRICAL & COMPUTER ENGINEERING ..... Brinton James Hinz, Sheridan WY  
MANAGEMENT INFORMATION SYSTEMS ..... Moshe Mordo, Israel  
MECHANICAL ENGINEERING ..... Ezra Johnson, Sheridan, WY



## SPRING 2003

ARCHITECTURAL ENGINEERING ..... Ryan Kobbe, Laramie, WY  
CHEMICAL ENGINEERING ..... Sarah Jane Vogt, Rolla, MO  
CIVIL ENGINEERING ..... Crystal Lesmeister, Chadron, NE  
COMPUTER ENGINEERING ..... Brian Dutton, Laramie, WY  
COMPUTER SCIENCE ..... Jerry Blackburn, Auburn, WY  
ELECTRICAL & COMPUTER ENGINEERING ..... Lucas Howell, Lander, WY  
Janna Jo Thomas, Afton, WY  
MANAGEMENT INFORMATION SYSTEMS ..... Kari Zimmerman, Laramie, WY  
MECHANICAL ENGINEERING ..... Kari Cowden, Laramie, WY  
Walter Sopkowicz, Kemmerer, WY



## TAU BETA PI OUTSTANDING UNDERGRADUATE TEACHING AWARD



### DR. DAVID E. WALRATH

Dr. David Walrath received his B.S. and M.S. degrees in Mechanical Engineering at the University of Wyoming and earned his Ph.D. in Mechanical and Aerospace Engineering at the University of Delaware. He has been a UW faculty member since 1986.

Dr. Walrath has had a tremendous impact on students through his creative teaching techniques and by providing numerous educational opportunities outside the classroom. According to one student, “Dr. Walrath is outstanding because he not only relays mathematical and theoretical concepts, but helps students to understand their applications through engineering design”. He is a professor that takes time to truly help students be successful in their engineering careers at UW.



Dr. Walrath plays an important role in many research and design activities throughout the college. He is an advisor for the SAE Clean Snowmobile Project and the NASA Zero-gravity Research Team, and directs testing activities in the advanced materials testing and 3-D rapid prototype laboratories. During the summers he is often an instructor for the Engineering Summer Program, a two-week program designed to introduce high school juniors to engineering at UW.

Outside the University, Dr. Walrath is currently Chairman of the Board of Directors for the Laramie Economic Development Corporation. He also serves on the Board of Directors for Britz-Heidbrink, Inc., a research animal laboratory provider based in Wheatland, Wyoming and Monona, Iowa., and is a Co-Chair for Laramie Project Graduation (Laramie High School). He was the August 2000 recipient of the Friend of Manufacturing - Public Sector Award from the Mid-America Manufacturing Technology Center (MAMTC) presented by the Governor of Wyoming and received a 2001 Tibbets Award from the US Small Business Administration.



## SAMUEL D. HAKES OUTSTANDING GRADUATE RESEARCH AND TEACHING AWARD



With the death of Dean Sam Hakes in August 2002, the College of Engineering has renamed the Outstanding Graduate Research/Teaching Award the Samuel D. Hakes Outstanding Graduate Research and Teaching Award.

Sam attended the College of Engineering and received his B.S. and M.S. degrees in Electrical Engineering ('57, '58). He joined the UW College of Engineering as an instructor in Electrical Engineering and after earning a Ph.D. at the University of Iowa, returned to UW as a faculty member. In 1972 Sam was named Head of the Department of Electrical Engineering and three years later, Sam became Dean. He served the College as Dean for 21 years, retiring in 1996. Sam's commitment to education, research and service shaped the College.



This award, originated by Sam, is given to a College faculty member each year to recognize meritorious accomplishments in graduate research and teaching. The Samuel D. Hakes Outstanding Graduate Research and Teaching Award recognizes the outstanding efforts of College faculty and celebrates Sam's many achievements and dedication to graduate education in the College of Engineering.



## SAMUEL D. HAKES OUTSTANDING GRADUATE RESEARCH AND TEACHING AWARD

### DR. ROBERT D. KELLY

Dr. Robert D. Kelly, Professor in the Department of Atmospheric Science, began his career with the University of Wyoming as a student, earning his undergraduate degree in zoology in 1973 and completing his MS degree in Atmospheric Science in 1978. He received his PhD in Geophysical Sciences from the University of Chicago in 1982. He began his professional career in Chicago, returning to the University of Wyoming as an Assistant Professor in 1984. He became an Associate Professor in 1990 and Professor in 1995.

Since his return to UW he has been recognized internationally for his scholarly contributions on in situ measurements from aircraft and remote sensing with airborne radar, and especially for his work with boundary layer flux measurement. He played a key role in the pioneering of the Wyoming Cloud Radar which is now on the verge of obtaining facility funding from the National Science Foundation. He has over 50 articles to his credit, 23 of them peer-reviewed in archival journals.

Dr. Kelly is currently PI or Co-PI on NSF and NSA funding exceeding \$1M and has been steadily funded by peer-reviewed external grants since he joined Atmospheric Science in 1984. He is the Chief Scientist and Co-PI for the University of Wyoming King Air research aircraft which is funded by NSF as a national lower atmospheric research facility. His contributions to the development of the King Air have been pivotal. Key systems such as the flux sensing system have developed under his guidance and funding, and now the Wyoming King Air is being called “the” flux sensing aircraft for the NSF-funded atmospheric science community.

He has directed 7 MS students and 1 PhD student to completion, all funded from external contracts and grants. Dr. Kelly truly cares for his students and values the roles they play in the advancement of the science. He consistently makes high quality contributions in teaching, both at the undergraduate and graduate levels, including development of two advanced courses for the graduate program and, most recently, a new undergraduate offering. He is a steady participant in the Engineering Science program and continues to be very popular with his students.

During his career at the University of Wyoming he has consistently served on numerous committees. Most recently, he served as the University Tenure and Promotion Committee chair. He has been the campus leader in developing the proposal for the new, multi-disciplinary Earth System Science program at the University.

Dr. Kelly has become a leader in his field, bringing creativity, enthusiasm, selflessness, and dedication to his scholarly work at the University of Wyoming.



## OUTSTANDING STAFF AWARD



### PEGGY MCCRACKIN

Peggy McCrackin, Computer Maintenance Technician, Department of Civil and Architectural Engineering has been a staff member in the College of Engineering for the past three years. Peggy's position in Civil and Architectural Engineering supports students, faculty and staff computing including hardware, networking and software, and serves as the department liaison with UW Information Technology. Peggy also serves as a department representative on the College Computer Technology Committee assisting with college-wide computer and technology software and infrastructure planning and purchases.



Nominator comments include "Her people skills are exceptional – she works with students, staff, and faculty equally well and on the appropriate level in all cases." "I appreciate Peggy's willingness to work quickly, carefully and with extraordinary skillfulness. I can always depend on her." "Few employees have proven to be more valuable than Ms. McCrackin: her expertise with computers and software is exceptional; this familiarity lends itself to speedy solutions."

Peggy received a bachelor's degree in Computer Science from UW in 1983. Upon graduation, she served for two years as a Peace Corps Volunteer in Morocco working as a high school math teacher. After extensive travel throughout Europe, she was drawn back to Laramie. She has worked in a variety of capacities in the information technology field in Laramie since then.

Peggy is married to Dan McCrackin and together they have two children, 12 year old Kali and 11 year old Sean. Peggy is happy to work for a department and institution that allows her the flexibility to balance her life as a parent with her career.



## TAU BETA PI WYOMING EMINENT ENGINEER



### MICHAEL K. PURCELL

A Wyoming native originally from Wheatland, Mike Purcell attended the University of Wyoming receiving degrees in Civil Engineering (1971) and Business (1973). Upon graduation, Mike took a brief sojourn to Arizona and California working for a county engineering office and Bechtel Corporation. He returned to Wyoming in 1975 with Banner Associates, Inc. serving as a design engineer, project engineer, project manager, and eventually vice-president of marketing. 1983 saw his appointment as director of the Wyoming Water Development Commission by Governor Herschler. He was re-appointed to the position by both Governor Sullivan and Governor Geringer. During his 13 years as director, the commission provided technical and financial assistance for water development projects ranging from major dams to simple diversion structures. During Mike's leadership at the commission, this program contributed approximately \$400 million to water resource development. Currently, Mike is president of Purcell Consulting and the director of the American Council of Engineering Companies of Wyoming.



Mike extended his Wyoming roots by marrying a Casper girl. Cady and Mike have two daughters who have both graduated from the University of Wyoming before continuing their educations at CU Boulder and Creighton. His main hobbies include playing bad golf and drinking good beer. In addition to his service to the engineering profession, Mike served his country in the US Army during the Viet Nam conflict.



## TAU BETA PI ALUMNUS EMINENT ENGINEER



### JOHN W. STEADMAN

John W. Steadman, a Cody native, graduated from the University with a BS in 1964 and an MS in 1966 in Electrical Engineering. After obtaining his MS degree, Dr. Steadman was employed by General Dynamics in San Diego, working on astronaut life support systems. He received a PhD from Colorado State University in 1971 and joined the faculty at UW. Dr. Steadman was a Distinguished Visiting Professor at the United States Air Force Academy in 1997-98. Currently, he serves as Head of the Department of Electrical and Computer Engineering at UW.



A licensed professional engineer, Dr. Steadman served 16 years on Wyoming's State Board of Registration for Professional Engineers and Professional Land Surveyors at the request of three different governors. He has served as President of the Wyoming Society of Professional Engineers.

Dr. Steadman actively encourages students to pursue professional registration and supports their preparation for the Fundamentals of Engineering exam.

At the national level, Dr. Steadman has risen to positions of leadership of the National Council for Examiners for Engineering and Surveying (President - 1993), the Order of the Engineer (Chairman - 2002), and the Accrediting Board for Engineering and Technology (Team Chair – 1996-2002).

Dr. Steadman was recently elected President-Elect of the Institute of Electrical and Electronics Engineers – USA (IEEE-USA) and in 2004 will serve as President of the 230,000-member organization. He has served as Vice President of Career Activities and Chair of the Licensure and Registration Committee. His contributions to IEEE also include associate editor for IEEE Micro, member of the Engineering in Medicine and Biology Society (EMBS), and President of the Denver Section of EMBS.

Among the numerous awards that Dr. Steadman has received for his service are the NCEES Distinguished Service Award, the IEEE-USA Citation Award, and the Wyoming Engineering Society President's Award. His excellence in teaching has been recognized through the AT&T Foundation Award for Excellence in Teaching, the University's John P. Ellbogen Award for Undergraduate Teaching, and the UW Alumni Association Outstanding Faculty Member. Dr. Steadman has also received American Society for Engineering Education awards for publications related to teaching and engineering education.

Dr. Steadman holds Patent #4,791,672 for a Digital Hearing Aid.



## PREVIOUS AWARD WINNERS



### TAU BETA PI WYOMING EMINENT ENGINEER

1956	Earl Lloyd	1980	Leno Menghini
1957	Joseph Yant	1981	George Christopulos
1958	Max Hangartner	1982	J. Kenneth Kennedy
1959	Ross Stapp	1983	Wayne Johnson
1960	Ray Brambly	1984	Walter Pilch
1961	G. R. MacDougall	1985	Joseph Bailey
1962	Joe Banner	1986	Albert Nelson
1963	Jack Woolrich	1987	Forrest Kepler, Jr.
1964	R. Jack Smith	1988	William Grenier
1965	Lloyd Taggart	1989	Charles Wilson
1966	Robert Sensintaffer	1990	Frank Trelease
1967	Homer Scott	1991	John Bellamy
1968	Emerick Huber	1992	Pete Jorgensen
1969	John Smith	1993	Paul Rechard
1970	Howard Arnett	1994	Dan Glandt
1971	William Ainsley	1995	Glenn B. Mullens
1972	Kent W. McDaniel	1996	Sam D. Hakes
1973	Hugh Binford	1997	William A. Clevenger
1974	Robert Olsen	1998	Donald G. Diller
1975	(no award given)	1999	Gordon W. "Jeff" Fassett
1976	Russell Donley	2000	Victor E. Anderson
1977	Robert Schultz	2001	Doyle M. Fritz
1978	Floyd Bishop	2002	Donald J. Livingston
1979	Wilford J. Westre		

### TAU BETA PI ALUMNUS EMINENT ENGINEER

1995	Anton (Tony) Radman, Jr.
1996	Dwight Senser
1997	Donald R. Lamb
1998	Thomas A. Lockhart
1999	Harold O. Kester
2000	Wayman Wing
2001	William Bellamy
2002	Constantine H. Houpis



## THE COLLEGE OF ENGINEERING NEW SCHOLARSHIPS



### COMPUTER SCIENCE, ENGINEERING, AND MATHEMATICS SCHOLARSHIPS (CSEMS)

CSEMS scholarships are funded by the National Science Foundation to enhance enrollment in computer science (excluding MIS majors), engineering, or mathematics.

The \$3000 scholarships are awarded to incoming freshmen and new transfer students intending to pursue CSEM degrees at the University of Wyoming beginning Fall 2003. The scholarships are limited to students with financial need, as demonstrated on the Free Application for Federal Student Aid (FAFSA). Underrepresented populations (women and ethnic minorities) are especially encouraged to apply for the scholarship awards. Students will be supported to completion of a Bachelor's degree (or a maximum of eight semesters), as long as requirements of the program are met.

The program also includes activities intended to enhance the academic success of scholarship recipients:

- Biweekly seminar, with presentations on academic success skills (such as time management and study skills), career options, and research/internship opportunities.
- Peer Mentor and a Faculty Mentor. These triads meet biweekly.
- Engineering, including computer science, students participate in Power Groups.

The following were instrumental in obtaining the funding: Dr. Sally Steadman, Principal Investigator, Dr. John Steadman, Dr. Bryan Shader, Dr. Jeff Van Baalen, and John Nutter.

Samrat A. Amin	INCFR	EE	Laramie, WY	\$3000
Drew Jackson Bowman	INCFR	CPEN	Cheyenne, WY	\$3000
Michael Lee Follum	INCFR	ME	Sundance, WY	\$3000
Kari Rae Fuller	INCFR	ENUN	Moorcroft, WY	\$3000
Laura R. Garcia	INCFR	ARE	Arvada, CO	\$3000
Erica Rachael Hamel	INCFR	ARE	Green River, WY	\$3000
Amanda R. Johnson	INCFR	ENUN	Arvada, CO	\$3000
Sarah L. Kemper	INCFR	ENUN	Wilson, WY	\$3000
Kirk Knappman	INCFR	CHE	Shippensburg, PA	\$3000
George Edmund Laughlin	INCFR	ARE	Powell, WY	\$3000
Julie L. Sandberg	INCFR	CPEN	Albin, WY	\$3000
Holly L. Till	INCFR	ENUN	Cheyenne, WY	\$3000
Tysen K. Trujillo	INCFR	ARE	Lander, WY	\$3000
Denise L. Weber	INCFR	ARE	Greeley, CO	\$3000



## THE KYLE JOHNSON MEMORIAL SCHOLARSHIP

Kyle Johnson was a 20-yr. old junior in civil engineering when a tragic accident caused by a drunk driver took his life on Sept. 16, 2001. Seven fellow members of the UW cross-country team were also killed.

Kyle came to UW in the fall of 1999 on a Trustees' Superior Scholarship, which was earned with his perfect 4.0 grade point average and high ACT scores at Riverton High School. The quiet, shy young man continued his record of academic excellence at UW, attaining membership in the national engineering honor society, Tau Beta Pi. His instructors and peers knew that Kyle had the makings of a truly exceptional engineer.

Ranked as one of UW's top five cross-country athletes, Kyle was also an extraordinary role model, embodying the quiet strength, determination, and discipline inherent in top cross-country runners. He was a joy to his coach and teammates and a familiar sight in Laramie, with his trademark, unruly hair bouncing along as he did training runs through the community.

The Kyle Johnson Memorial Scholarship has been created by his loving parents, Denise and Richard Johnson; sister, Deidra; brother, Eric; and sister-in-law, Nicole. It is their wish to assist outstanding engineering students, preferably distance runners, in their UW careers.



Jason C. Delaney

SR

CVLE

Polson, MT

\$500



**P. KOURIS DOCTORAL SCHOLARSHIP IN MECHANICAL ENGINEERING**

This scholarship was established in February of 2003 in memory of Mrs. P. Kouris, who passed away in September of 1991. Mrs. Kouris, a native of Greece, was a firm believer in the importance of education and had the opportunity to help others in achieving their dream of a better life through advanced learning. The purpose of the award is to assist in the recruitment and retention of excellent doctoral candidates in Mechanical Engineering.



Recipient to be announced at a later date.



**BRUCE AND DOTTIE LANDIS ENGINEERING SCHOLARSHIP**

Bruce and Dottie Landis have long recognized that ability and desire often outpace a student's financial resources and have provided this scholarship to assist worthy Engineering students in their efforts to achieve their educational goals. Bruce Landis joined the College of Engineering as Director of Development in 2002. He received his bachelor's degree from Earlham College (Indiana) in 1967 and his MS and EdD degrees from Indiana University in 1969 and 1975 respectively. Dottie Landis received her bachelor's degree from the University of Cincinnati in 1967, interned at Good Samaritan Hospital (Cincinnati) and became a Registered Dietitian in 1968.



Garrett A. Hanson

INCFR

ENUN

Alliance, NE

\$1000



## THE COLLEGE OF ENGINEERING SCHOLARSHIPS



### CLIFFORD EMERY ABBOTT MEMORIAL ENGINEERING SCHOLARSHIP

This scholarship is awarded to a student in civil engineering with the purpose of furthering an understanding and working relationship between the construction industry and the Wyoming Department of Transportation. Emery developed a good working relationship as well as lasting friendships with engineers over a period of 35 years.

Emery Abbott was president of C. J. Abbott Inc., a heavy highway construction company, and of Platte County Concrete, Inc., a ready mix company, from 1963 until his death in 1997. He served as president of the Associated General Contractors of Wyoming in 1983 and contributed a lot of time and energy to this association for over 30 years. He enjoyed helping people and would have been pleased to further this profession.

This endowment is provided by Reta Abbott in memory of her late husband, Clifford Emery Abbott.

Theodore A. Cramer	JR	CVLE	Colorado Springs, CO \$1000
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### UW COLLEGE OF ENGINEERING ACADEMIC EXCELLENCE SCHOLARSHIP FUND

High-caliber students competing in classes enhance the education and professional growth of all engineering students. Engineering alumnus Harry Sager and his wife, Anne, challenged the College's faculty to find ways to attract more top freshmen to the College. The result is the Academic Excellence Scholarship Fund. The Fund's goal is to increase the number of National Merit Scholarship semifinalists/finalists recruited to the College by offering nationally competitive, four-year scholarships.

Harold and Bonnie Jane Kester stepped forward and supported the college's efforts to raise an endowed fund to support the recruitment of the best engineering students.

Joseph W. Anderson	INCFR	ENUN	Wilson, WY	\$4000
Joel M. Dumke	SR	EE	Louisville, CO	\$4000
Cody G. Dunne	INCFR	COSC	Manderson, WY	\$4000
Hal Wayde Mead	JR	CVLE	Laramie, WY	\$4000
Leandra Merritt	JR	ARE	Afton, WY	\$4000

### DONALD F. AND ROBERTA A. ADAMS SCHOLARSHIP IN MECHANICAL ENGINEERING

Dr. Adams was a Professor in the Department of Mechanical Engineering for 27 years, retiring in August 1999. In 1972 he founded the Composite Materials Research Group (CMRG) at the University of Wyoming, and then actively directed the Group until his retirement. Many M.S. and Ph.D students graduated from the CMRG program under his direction, and part-time employment and summer work was provided for an even greater number of undergraduate students. These former graduate and undergraduate students are now leaders in industry, government and university programs throughout the United States.

In 1988, Don and Roberta Adams founded Wyoming Test Fixtures, Inc., a Laramie company dedicated to supplying high quality mechanical test fixtures to the materials testing community

throughout the world. They remain as President and Vice-President, respectively, of Wyoming Test Fixtures, Inc.

Recipient to be announced at a later date.

**COLLEGE OF ENGINEERING ALUMNI SCHOLARSHIPS**

The funds for these scholarships are provided each year by the alumni and friends of the College of Engineering. Gifts to the College’s general scholarship fund as well as a portion of annual fund gifts pledged during the student phonathon are used to support this scholarship.

Ashley Michelle Bastian	INCFR	COSC	Lyman, NE	\$1500
Jacob W. Beck	INCFR	CPEN	Rozet, WY	\$1500
Matthew J. Bostrom	INCFR	ME	Colorado Springs, CO	\$1500
Julia A. Cunningham	INCFR	COSC	Papillion, NE	\$1500
Richard W. Dalgarno	TRANS	ME	Casper, WY	\$1000
Eric V. Dirkes	INCFR	ME	Bakersfield, CA	\$1500
Frank Paul Gariglio	INCFR	CVLE	Lewiston, ID	\$1500
Erik P. Hallqvist	TRANS	COSC	Rock Springs, WY	\$1000
Jonathan L. Hefner	FR	ME	Coleridge, NE	\$1000
Naomi Jayne Heler	INCFR	ARE	Portland, OR	\$1000
Nolan P. Hills	FR	ME	Casper, WY	\$1000
Philip Lloyd Hynes	INCFR	COSC	Lyman, WY	\$1500
Larry D. Isom	INCFR	CVLE	Mullen, NE	\$1500
Amanda R. Johnson	INCFR	ENUN	Arvada, CO	\$1000
Westin T. Joy	INCFR	ENUN	Laramie, WY	\$1500
Amanda Clarice Kauer	INCFR	CHE	Watertown, SD	\$1500
Scott Everett Kumpula	INCFR	CPEN	Glenrock, WY	\$350
Emily A. Matthews	INCFR	ARE	Sidney, NE	\$1500
Clark Miller	TRANS	ME	Chadron, NE	\$1000
Jacob B. Morris	INCFR	COSC	Evanston, WY	\$1500
Todd P. Parke	SO	ENUN	Casper, WY	\$1000
Jason Dwayne Pope	TRANS	COSC	Colorado Springs, CO	\$1000
Erik L. Reynolds	TRANS	ENUN	Cody, WY	\$1000
Julie L. Sandberg	INCFR	CPEN	Albin, WY	\$1500
Benjamin M. Schmitt	INCFR	ARE	Sidney, NE	\$1500
Jarvis A. Schultz	INCFR	ME	Cheyenne, WY	\$1500
Sandra Jean Shelton	JR	ME	Albuquerque, NM	\$1250
Adam J. Shuler	INCFR	ENUN	Walden, CO	\$1500
Brandon M. Smith	INCFR	CHE	Arvada, CO	\$1500
Nina R. Smith	INCFR	ME	Idaho Falls, ID	\$1000
Derek J. Stonebraker	INCFR	CVLE	Evanston, WY	\$1500
Ross W. Tolman	JR	CPEN	Otto, WY	\$1250
Amy Marie Trotter	INCFR	ENUN	Grassy Butte, ND	\$1500
Branden D. Wagner	TRANS	ENUN	Casper, WY	\$1000
David L. Werner	TRANS	EE	Lovell, WY	\$1000
Brittany L. Wheeler	SO	EE	Loveland, CO	\$1250

## AMERICAN COUNCIL OF ENGINEERING COMPANIES OF WYOMING

ACEC of Wyoming is a voluntary, non-profit organization established to promote ethical practices in engineering and surveying, to advance the profession's prestige and usefulness to public health, safety and welfare, and to promote the continued professional development of its members. To meet these goals ACEC of Wyoming has established a scholarship for engineering students at UW.

Catherine Lynn Craft	JR	CVLE	Riverton, WY	\$1000
Justin Butler Hovland	INCFR	ME	Cody, WY	\$1000
Michael Thomas Jackson	SO	CVLE	Bondurant, WY	\$1000
Rachelle L. Rottman	SR	CVLE	Yoder, WY	\$2000

## AMERICAN SOCIETY OF CIVIL ENGINEERS, WYOMING SECTION, SCHOLARSHIP

The American Society of Civil Engineers (ASCE) is the oldest of the national engineering professional organizations. This scholarship is awarded by the Wyoming section of the ASCE, of which there are 300 members. Chosen by the student section faculty advisors and the Wyoming section officers, selection of the scholarship recipient is based on GPA and the student's active participation in the student chapter of ASCE.

Rebecca Faverty	MS	CVLE	Laramie, WY	
Thaddaeus Monroe Hunter	SO	CVLE	Laramie, WY	
Regis J. Michelena	JR	CVLE	Sheridan, WY	
Travis Neal Schroeder	SR	ARE	Casper, WY	
Augustin Michael Stonum	JR	CVLE	Laramie, WY	

## JIM AND AUDREY BAILEY FOUNDATION SCHOLARSHIPS

Jim and Audrey Bailey came to Wyoming with their families in the early 1900's as children and were married just before WWII. They spent most of their lives near Casper, raising four children, and they were successful ranchers and owners of the Bailey School Supply Company, one of the foremost suppliers to rural education in Wyoming for over 50 years.

Committed to quality education for Wyoming's children, the Jim and Audrey Bailey Foundation supports a number of scholarship programs for students in the region. They have seen many family members and friends benefit from an education at UW, and this scholarship is intended to further that goal.

Andrea Carol Adams	SR	ME	Riverton, WY	\$750
Benjamin David Coburn	SR	ME	Laramie, WY	\$750
Ross Martin Hinschberger	JR	ME	Dubois, WY	\$1750
Michael Ray Swanson	JR	ME	Sheridan, WY	\$1250

## JOE BANNER MEMORIAL SCHOLARSHIP

Joseph T. Banner was the founding president of Banner and Associates, Inc., one of the largest engineering - architectural firms headquartered in the Rocky Mountain region. The endowment, established by the firm to honor Joseph T. Banner, provides scholarships for students majoring in either civil or architectural engineering.

Nathan B. White	FR	ARE	Montrose, CO	\$900
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## **R. KENNETH BEACH SCHOLARSHIP**

This scholarship was established with contributions made by alumni, students and faculty from the College of Engineering when the late Professor R. Kenneth Beach retired from the electrical engineering faculty in 1983. Professor Beach was a native of Lusk, WY, and received a degree in electrical engineering from UW in 1940. He completed his graduate work at the Illinois Institute of Technology and worked for Curtis Wright Aircraft Co. during World War II. Following the War he returned to Wyoming to teach in the Department of Electrical Engineering. He is a past president of the Wyoming Engineering Society. Over the years, Professor Beach and his wife, Charleen, continued to make generous contributions to this scholarship endowment.

Recipient to be announced at a later date.

## **THE BEAVERS ENGINEERING SCHOLARSHIP**

This endowed scholarship was established by the Beavers, a world-wide organization of heavy construction contractors. Vincent O. Smith (CE '50), a former Sheridan resident now living in Danville, California, was instrumental in the decision by the Beavers to endow a scholarship at UW. The Beavers have endowed scholarships at 29 universities since the inception of the Beavers Charitable Trust in 1978. This scholarship is awarded to junior or senior engineering students interested in pursuing a career in heavy construction.

Nicholas Daniel Larsen          SR          CVLE          Casper, WY          \$875

## **PAUL S. BECHTEL SCHOLARSHIP**

Paul S. Bechtel graduated from UW with a degree in civil engineering in 1939 and entered the U.S. Army Air Corps flight training program. He served in the Pacific during WW II as a fighter pilot and commander and continued his distinguished military career through the Korean Conflict. He went on to the Air Force Research and Development Command and to head a NORAD Team for the Air Force's SAGE Air Defense. Following his retirement from the military in 1963, he worked in Boeing's rocket program. He is now retired and living with his wife, Lois, in Melbourne, Florida, during the winter, and in Cashiers, North Carolina, during the summers. In 1991 the Paul S. Bechtel Survey Classroom was dedicated to recognize his commitment to engineering programs and the H.T. Person Endowment. A long time supporter of the College of Engineering, Col. Paul Bechtel funded this scholarship endowment to assist students to prepare for a career in environmental engineering.

Samuel L. Styles          SO          CHE          Rock Springs, WY          \$1000

## **RALPH W. BECK MEMORIAL SCHOLARSHIP**

Ralph William "Bill" Beck was born April 10, 1920, in Royalton, Vermont, and died October 13, 1996, in Las Vegas, Nevada. After graduating from the University of Wyoming in 1946 with a Bachelor of Science degree in civil engineering, Bill embarked on a career that led him literally all over the world, with emphasis on developing infrastructure and oil fields in Southeast Asia. He worked for private industry, the military and international governmental agencies. The scholarship is awarded to a student in civil engineering.

Cody Lee Moser          FR          CVLE          Rapid City, SD          \$450

### **CLARENCE F. AND IRENE BECKER AGRICULTURAL ENGINEERING SCHOLARSHIP**

This endowed scholarship was established to recognize the alumni of agricultural engineering and is named for Clarence Becker and his wife, Irene. Clarence served as a UW professor for the Department of Agricultural Engineering for thirty-five years and as the department's head for ten of those years. Since his retirement from the USDA in 1988, Clarence has been an adjunct professor of agricultural engineering at the University of Arizona. His colleagues and the alumni of UW Department of Agricultural Engineering provided the funding for this endowed scholarship. The scholarship is awarded to a civil engineering student studying in the water resources area.

Wendel Dean Lewis	FR	CVLE	Palmer, AK	\$600
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### **ROCHELLE BELFER PETROLEUM ENGINEERING SCHOLARSHIP**

These chemical and petroleum engineering scholarships are provided by an endowment established by Arthur B. Belfer to honor his late wife, Rochelle Anisfeld Belfer. Mr. Belfer was the founder and managing partner of Belfer Natural Gas Company, and founder, president and chairman of the board of Belco Petroleum Corporation. He was responsible for the initial development of the vast gas reserves of the Green River Basin. Through the years he has maintained close ties to Wyoming and has generously funded an equal number of scholarships in geology.

Zachary Lee Appel	SO	CHE	Grant, NE	\$1500
Ashley J. Driscoll	FR	CHE	Cheyenne, WY	\$500
Erin S. Loschen	JR	CHE	Worland, WY	\$1500
Ryan D. Pauley	SO	CHE	Green River, WY	\$1250

### **BELLAMY AND SONS ENGINEERING SCHOLARSHIP**

This scholarship is named after the engineering and land-surveying firm of Bellamy and Sons, Engineers, that was founded in 1913 in Laramie. The senior Bellamy, Charles, was a charter member of the Boston Scientific Society before he moved to Wyoming and became the world's first Registered Professional Engineer in 1907. His sons Benjamin and Fulton, grandson John and great grandsons John II and William all earned a BS in Engineering from the University of Wyoming and became Licensed Professional Engineers. Their undergraduate experience provided a very good background for John to earn a PhM from the University of Wisconsin and a PhD from the University of Chicago, for John II to earn an MS and PhD from the University of Arizona, and for William to earn an MS from UW and a PhD from Colorado State University.

The initial endowment of this scholarship was donated by Civil Engineering Professor Emeritus John Bellamy and his wife Jo to help provide future students the opportunity to study engineering at the University of Wyoming.

Christina E. Abel	FR	ENUN	Sheridan, WY	\$400
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### **FULTON D. BELLAMY MEMORIAL SCHOLARSHIP**

This scholarship was endowed with a bequest from Willamena E. Bellamy. She established the scholarship to honor her husband, Fulton D. Bellamy, who received a degree in civil engineering from UW. Prior to World War II he worked with Bellamy and Sons in Laramie and was an assistant state engineer. During the War he was an instructor in the Department of Civil Engineering. Following the War he became an airport engineer with the FAA in Kansas City. He went on to become the Midwest District Airport Engineer in charge of all airport construction in the area, including the construction

of O'Hare Airport in Chicago. Fulton Bellamy was the uncle of retired professor of civil engineering, Dr. John Bellamy, and the son of the first U.S. registered professional engineer, Mr. Charles Bellamy.

Bethany J. Adams                      FR                      ME                      Arvada, CO                      \$1000

**LOREN C. BISHOP MEMORIAL SCHOLARSHIP**

Loren "Clark" Bishop was born in 1885 near Fort Fetterman in the Wyoming Territory. He was licensed as a Wyoming land surveyor in 1907 under the first Engineer and Land Surveyor Registration law passed in the U.S. In addition to a private surveying practice, he held City Engineer and Water Superintendent posts for 30 years before becoming the Wyoming State Engineer. He served in that post from 1939 to 1956, the longest tenure of any state engineer. During that time he served on every major water commission and was involved in negotiating most of Wyoming's interstate contracts. In 1952, an Honorary Doctor of Law degree was bestowed on Mr. Bishop by the University of Wyoming in recognition of his long and distinguished service to the State of Wyoming. Mr. Bishop's family and friends established this scholarship to honor the many and diverse accomplishments of this uncommon man.

Christopher William Gerhardt SR                      EE                      Lovell, WY                      \$500

**ARTHUR AND JEAN BORESI CIVIL AND ARCHITECTURAL ENGINEERING SCHOLARSHIP**

The son of a coal miner, Art Boresi was born in Toluca, Illinois. He served in WW II as a lieutenant in the U.S. Army Corps of Engineers. After the war he returned to the University of Illinois where he completed a BS, MS and PhD in engineering and stayed to serve on the College of Engineering faculty for 27 years. Jean was born on a farm near Urbana, Illinois, home of the University of Illinois. During WW II she worked for the U.S. Navy in Washington, DC. Following the war she returned to Urbana where she met and married Art.

In 1980 Art joined the UW Department of Civil and Architectural Engineering. Shortly after his arrival, he was appointed Department Head, a position he held for 14 years. His colleagues established this endowed scholarship to honor his many contributions to engineering research, to the profession, and to his dedication to students. The scholarship is awarded to a senior majoring in civil or architectural engineering interested in pursuing a career teaching engineering at a university.

Lloyd Charles Thomas                      SR                      ARE                      Cheyenne, WY                      \$700

**HERBERT H. BUSH MEMORIAL SCHOLARSHIP**

Herbert H. Bush was a native of Sheridan, WY, and a long time supporter of the College of Engineering. He graduated from UW in 1942 with a general engineering degree and a petroleum option. His academic achievement at UW was recognized by Sigma Tau when he was selected as the 1938-39 Outstanding Freshman, and his name is inscribed on the Pyramid and Rail display at the front entrance of the engineering building. During WW II he served as a U.S. Air Force pilot. Following the war he went on to earn additional degrees in chemical engineering and business management at the University of Colorado. Herbert Bush was employed by Texaco in 1948 and worked for the company for 36 years, specializing in drilling management. Memorial gifts from family and friends were used to establish the Herbert H. Bush Memorial Scholarship. His widow, Mary Susan Bush, has provided the funds to permanently endow the scholarship, "In grateful appreciation for a good and lasting education in engineering."

Scott Everett Kumpula                      INCFR                      CPEN                      Glenrock, WY                      \$650

### **JULIE LYNN BUTTERWORTH SCHOLARSHIP**

Julie Lynn Butterworth was a junior majoring in architectural engineering at UW when she died unexpectedly at age 21. Julie had looked ahead to the future with eager anticipation. While she had her own personal goals, she was always sympathetic and sensitive to the needs of others. She loved her family dearly and was never too busy to help another person or to appreciate the beauty in the world around her. Julie's family and friends established this endowed scholarship to encourage promising women architectural engineering students to pursue their degrees. Her family would like the Julie Lynn Butterworth Scholarship to provide "deserving young women an opportunity to pick up where Julie left off."

Mindy S. Martin	JR	ARE	Casper, WY	\$1750
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### **ROY CHAMBERLAIN SCHOLARSHIP**

Gertrude Chamberlain of Lusk, WY, established an endowed scholarship in memory of her husband, Roy Chamberlain. This scholarship is awarded to students majoring in business and engineering. Mrs. Chamberlain requested that a student's character, high ideals, ambitions and interest in the private enterprise philosophy be considered when selecting the recipient of the Chamberlain Scholarship.

Tyler L. Most	FR	ME	Laramie, WY	\$1500
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### **POLLY GARNER LEIK CHASE SCHOLARSHIP IN CIVIL ENGINEERING**

Mrs. Chase gave the College of Engineering more than \$160,000 to establish an endowed scholarship in the Department of Civil Engineering in memory of her husband Howard J. Leik. Polly and Howard both attended schools in Casper and graduated from Natrona County High School. After high school graduation, they both attended the University of Wyoming. Howard graduated from the College of Engineering and was a Kappa Sigma fraternity member. Polly was a member of Delta Delta Delta Sorority and former homecoming queen. They were married in 1933. Howard served in World War II and received two Purple Hearts in battle. His career included serving as mayor of Casper, WY, and several terms in the Wyoming legislature and senate.

Richard Alan Shields	SO	ARE	Laramie, WY	\$1000
Steven T. Vander Giessen	SO	CVLE	Aurora, CO	\$650

### **CHEMICAL AND PETROLEUM ENGINEERING DEPARTMENT SCHOLARSHIP**

The Department of Chemical and Petroleum Engineering has established a scholarship fund with gifts from the department's alumni. Through these generous contributions to the department, many students in chemical and petroleum engineering receive assistance. In addition to support for students already in the program, the department also makes awards to some of Wyoming's most capable incoming freshmen.

Andrew C. Bastian	FR	CHE	Lyman, NE	\$500
Ashley J. Driscoll	FR	CHE	Cheyenne, WY	\$500
Adam E. Oman	TRANS	CHE	Riverton, WY	\$1000
Breon Marie Rabe	INCFR	CHE	Rapid City, SD	\$1000
Tyler Warren Swaney	SO	CHE	Craig, CO	\$1000

### CHEYENNE ENGINEERS CLUB SCHOLARSHIP

The Cheyenne Engineers Club selects a student who is a graduate of a Cheyenne high school. In order to receive this scholarship the recipient must have completed one year of the engineering curriculum at either the University of Wyoming or a Wyoming community college.

Levi E. Kunkel	JR	CVLE	Cheyenne, WY	\$1000
Michael L. Lujan	SO	ARE	Cheyenne, WY	\$500

### L. G. CHRISTOFFERSON SCHOLARSHIP

LeGrand Christofferson graduated from the University of Wyoming with a degree in civil engineering in 1937. Mr. Christofferson enjoyed a long and distinguished career with Chicago Bridge and Iron and retired from the company as senior vice president and manager of operations. His daughters Kathryn and Joan both now reside in the Houston, Texas, area.

Joseph M. Jording	FR	ME	Newcastle, WY	\$1000
Andrew Jean Kuhlmann	FR	EE	Rock Springs, WY	\$1000

### LEGRAND AND JUANITA CHRISTOFFERSON SCHOLARSHIP

Long-time supporters of the University of Wyoming and the College of Engineering, LeGrand and Juanita Christofferson provided the College with two endowed trusts which can be used for scholarships, student and faculty development, and instructional equipment.

Kelton Michael Vinson	JR	EE	Rock Springs, WY	\$1500
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### COATS, WOLFF, RUSSELL MEMORIAL MINING INDUSTRY SCHOLARSHIP (2002-2003)

This scholarship is provided by the Wyoming Mining and Metals Section of the American Institute of Mining, Metallurgical and Petroleum Engineers (SME-AIME). The state chapter scholarship committee chooses the recipients of the scholarship. Students submit transcripts and an essay on "The Importance of Mineral Extraction to the State of Wyoming." Applicants must be Wyoming residents with sophomore, junior or senior class standing and fields of study should relate to either engineering, environmental sciences or other mineral extraction disciplines.

David E. Maestas	SR	ARE	Green River, WY	
David M. Mares	JR	EE	Laramie, WY	

### DR. DAVID O. COONEY MEMORIAL SCHOLARSHIP

Dr. David Cooney joined the UW Chemical Engineering Department in 1981. He received his bachelor's degree from Yale University in 1961 and Ph.D. degrees in chemical engineering from the University of Wisconsin in 1963 and 1966, respectively. In 1993, Dr. Cooney was named UW College of Engineering Outstanding Graduate Teaching and Research Award recipient, and in 1997 he received the Outstanding Undergraduate Teaching Award. Dr. Cooney served as head of the Chemical Engineering Department from 1983-1990. He wrote four books and published more than 80 papers in refereed journals. This scholarship was established in 1999 by Peggy, Eric, and Jon Cooney to recognize the distinguished career of their husband and father.

Heather A. Thornton	SR	CHE	Mills, WY	\$500
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## DAVID H. & MARY M. (PAYNE) CRUM SCHOLARSHIP

David H. and Mary M. (Payne) Crum graduated from UW in 1967; Dave in electrical engineering and Mary in education. They appreciate the foundation for success that the University of Wyoming offered them and three generations of the Crum and Payne families.

Dave was raised in Newcastle. After graduation he was recruited by Culter-Hammer, Inc, an electrical equipment manufacturer, headquartered in Milwaukee, WI. In 1971 he co-founded Control Equipment Corporation in Denver, CO. The company was an industrial control systems design and fabrication company. In 1976 Dave and Mary returned to Wyoming and founded Crum Electric Supply Co., Inc. The company is a distributor of electrical parts and equipment, headquartered in Casper with ten branch warehouses in Wyoming, South Dakota, Colorado, and Idaho. Dave served on the UW Foundation Board of Directors and as its Chairman in 2001-2. He received UW's Distinguished Alumni Award in 1999. Dave is a member of Sigma Nu Fraternity.

Mary was raised in Laramie. She first taught elementary school at Fort Carson, CO, followed by Golden, CO, and Casper, WY. Mary has served as Secretary/Treasure for Crum Electric Supply, Inc. since its inception. She served on the UW Art Museum Board of Directors. Mary is a member of Pi Beta Phi Sorority.

Thomas J. Watson                      FR                      ENUN                      Wheatland, WY                      \$500

## JERRY J. CUPAL SCHOLARSHIP

Professor Jerry Cupal, a Michigan native, graduated from Michigan Technological University with a BS in physics in 1962. After working as a research engineer at 3M, he returned to Michigan Tech and received an MS in physics in 1967. He then began his teaching career at Loras College in Dubuque, Iowa before coming to the University of Wyoming as a PhD student. He received a PhD in electrical engineering from UW in 1974. After working for the U. S. Forest Service, Wyoming Highway Department and Department of Atmospheric Science, Jerry joined the faculty in the Electrical Engineering Department in 1983. Dr. Cupal has been instrumental in the development of several courses associated with digital systems design and microprocessors at UW. He has also been a stalwart in the very important capstone design sequence in electrical engineering. Dr. Cupal is well known for his outstanding mentoring of students and this activity is reflected in his selection as a "Top Prof" by Mortar Board, the university-wide senior honorary. He currently resides in Laramie and pursues his interests in fishing, hunting, gardening, and golf. He continues to help the department by teaching senior design.

Jerry enjoys relationships with the many students, friends, family members and colleagues who have benefited from his enthusiasm and dedication over the past several decades.

Joshua T. Staley                      SO                      EE                      Cheyenne, WY                      \$1000

## RICHARD C. DAY ENGINEERING SCHOLARSHIP

Richard C. (Dick) Day was born November 7, 1900, in Casper, Wyoming, a son of John S. and Hannah Welch Day, and was raised on a ranch near Lysite. He graduated from the University of Wyoming in 1926 and married Helen Heagney on November 10, 1928, in Douglas, Wyoming. He worked for the Wyoming Highway Department for 2 1/2 years before joining the Ohio Oil Company (later Mountain Fuel Supply Co.) in January 1929 and moving to Rock Springs where he lived for the rest of his life. After retiring from Mountain Fuel in 1966, he worked as a civil engineer for Johnson & Fermelia Co. until his second retirement in 1986.

Mr. Day was a licensed land surveyor and registered professional engineer in Wyoming (license #124), Utah, and Colorado. He was a life member of the Wyoming Engineering Society and the

American Society of Civil Engineers. He belonged to the National Rifle Association, the University of Wyoming Alumni Association, Sigma Chi Fraternity, and the Wyoming Historical Society. He was also a 32<sup>nd</sup> degree Mason and a member of the Shrine.

His activities included serving on the library board, working with the Girl Scouts to build a camp at Fremont Lake, hunting, square dancing, and studying Wyoming history. He and Helen raised three daughters, all of whom received degrees at the University of Wyoming.

Mr. Day died on February 21, 1992, in Boulder, Colorado.

Lyle J. Casciato	SO	CVLE	Laramie, WY	\$500
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#### **DEBRON FOUNDATION ENGINEERING SCHOLARSHIP**

Ronald E. Brown graduated from UW in 1960 with a BS in mechanical engineering. After graduation he served for 3 years as an officer in the US Navy, went back to UW for a second BS in Industrial Management, worked for 3 years with CF&I Steel, spent 30 years with 3M Company, and retired in 1997.

Ron and his wife, the Rev. Debbie Brown, believe in the value of a good education and also that an engineering scholarship for a deserving Wyoming high school graduate will make a difference. By establishing the Debron Foundation Scholarship, Ron wants to repay the University of Wyoming for giving him the opportunity for a good education.

Michelle L. Adams	INCFR	ME	Riverton, WY	\$1000
Bryce A. Dorr	INCFR	ENUN	Cheyenne, WY	\$1000
Trevor Guild	INCFR	CHE	Fort Bridger, WY	\$1000
Greg W. Hoppal	INCFR	CPEN	Torrington, WY	\$1000
George Edmund Laughlin	INCFR	ARE	Powell, WY	\$1000
Aaron Robert Pickard	INCFR	CPEN	Cheyenne, WY	\$1000
Bryce J Tebeest	INCFR	EE	Casper, WY	\$1000

#### **ERIC DOBBY AND RAMONA ROGERS MEMORIAL SCHOLARSHIP**

Eric Dobby and Ramona Rogers were both seniors in electrical engineering when they lost their lives in an automobile accident in March of 1988. Eric was from Casper, where he graduated from Natrona High School and attended Casper College. Ramona graduated from Cheyenne East High School as class valedictorian. She was also a state high school rodeo barrel racing champion. Toni and Warner Rogers, and Don and Jacque Dobby established this permanent fund in remembrance of Eric and Ramona.

Christopher William Gerhardt	SR	EE	Lovell, WY	\$250
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#### **EAGLE CONSTRUCTION CORPORATION SCHOLARSHIP**

Harold Kester (Civil Engineering '41) and George Fancher (Civil Engineering '42) first met in a line to register for classes at UW. In 1947 they formed the Eagle Construction Company. When the company began work on the Big Thompson Power Plant, which was part of the Transcontinental Water Division Project, they moved Eagle Construction from Wyoming to Loveland, Colorado. The firm installed the world's largest hydro turbines and generators at the Grand Coulee Dam and in most of the dams on the Missouri, Colorado and Columbia Rivers. This endowed scholarship is one of many generous gifts provided to the College of Engineering by these gentlemen. This scholarship is awarded to a freshman student in civil and architectural engineering.

Adam M. Vath	FR	CVLE	Scottsbluff, NE	\$250
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## **ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT SCHOLARSHIP**

In order to encourage outstanding incoming freshmen to enter UW and to pursue a degree in electrical engineering, the Department of Electrical Engineering awards scholarships. Alumni and corporate gifts to the department provide the funds for these scholarships.

Samrat A. Amin	INCFR	EE	Laramie, WY	\$1000
Andrew Condon	TRANS	CPEN	Ogallala, NE	\$1000
Andrew Jean Kuhlmann	FR	EE	Rock Springs, WY	\$500
Alexander H. Michaelis	INCFR	EE	Loveland, CO	\$1000
Vanessa Dawn Romero	TRANS	CPEN	Cheyenne, WY	\$1000
Michael R. Stephens	INCFR	EE	Scottsbluff, NE	\$1000
Nicholas C. Zent	TRANS	CPEN	Afton, WY	\$1000

## **F.E. "TUT" AND DIANE ELLIS ENGINEERING SCHOLARSHIPS AND GRADUATE FELLOWSHIP**

After F.E. "Tut" Ellis graduated from UW in 1955 with a degree in general engineering (petroleum option), he was employed by Continental Oil Company (Conoco) as a Trainee Engineer. "Tut" retired from Conoco in 1988, after almost 34 years of service during which he held numerous engineering and management positions. He was executive vice president of international exploration and production at the time he retired. Diane (ex '56) and Tut moved 22 times during his career. Even though they roamed the world, Tut and Diane still consider Wyoming home. Tut credits his success to the training he received at UW. Through the Ellis Family Foundation, they and their family now want to help others get started in the greatest career of all, engineering.

Erik R. Albrechtson	JR	COSC	Rawlins, WY	\$1750
Laura E. Bouchard	INCFR	ENUN	Worland, WY	\$1500
Loren Clive Crook	SR	ME	Laramie, WY	\$2000
Mark S. Hannan	JR	COSC	Buffalo, WY	\$1750
Jeremy P. Hughes	JR	EE	Casper, WY	\$2000
Chelsea Amber Lalla	INCFR	ENUN	Anchorage, AK	\$1500
Stephen P. Lynch	SR	ME	Encampment, WY	\$1000
Brycen R. Roy	INCFR	ENUN	Montrose, CO	\$1500

The Fellowship will be awarded at a later date

## **GAS PROCESSORS ASSOCIATION, ROCKY MOUNTAIN CHAPTER SCHOLARSHIP (2002-2003)**

The newly formed Rocky Mountain Chapter of the Gas Processors Association chose a UW College of Engineering student to receive one of its scholarships. Criteria used by the Gas Processors Association to select its scholarship recipient included scholastic achievement and professional commitment.

Gregory L. Lamm	SR	CHE	Laramie, WY
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## **GCC DACOTAH CEMENT SCHOLARSHIP & FELLOWSHIP**

GCC Dacotah Cement Company provides this scholarship to civil engineering students in order to foster an awareness of the company's contributions to the growth and prosperity of the state of Wyoming. The company also supports research involving the uses, design and analysis of concrete

structures and pavements. The engineering student chosen to receive this scholarship must be from Wyoming, South Dakota, Colorado or Nebraska, and exhibit an interest in the design of concrete structures or the use of cement.

Waylon James Lym	SR	CVLE	Evanston, WY	\$500
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The Fellowship is awarded to an outstanding person pursuing an advanced degree in Civil Engineering.

Benoit Cordoba	MS	CVLE	Laramie, WY	\$500
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### DEAN SAM D. HAKES ENGINEERING SCHOLARSHIP

Sam D. Hakes entered UW as a freshman following service in the Korean Conflict. While at UW he earned both B.S. and M.S. in electrical engineering. He went on to the University of Iowa for a Ph.D. and returned to UW to join the electrical engineering faculty. He served as Department of Electrical Engineering Head from 1969 to 1975. In 1975 he was appointed Dean of UW's College of Engineering and wisely guided the College during exciting times and difficult years (1975 - 1996). He watched the student body grow, supervised the addition to the engineering building, challenged the faculty to new levels of teaching and research excellence, allocated College funding through oil booms and busts, and always treated students, faculty and staff with respect, fairness and friendship. As Dean of the College for 21 years, his career was dedicated to providing students with the opportunity to excel in an exceptional learning environment. To recognize his years of service and to honor his career and life, his colleagues established this endowed scholarship. Many alumni, faculty, staff, friends and members of his family generously contributed to this scholarship endowment.

Yuan Qiao	SO	CPEN	Greeley, CO	\$1000
Kylena M. Scott	SO	CPEN	Billings, MT	\$1000

### VICTOR HASFURTHER ENGINEERING SCHOLARSHIP IN CIVIL ENGINEERING

Dr. Victor Hasfurther has been widely recognized as a wonderful teacher, a gifted mentor, a significant researcher in water problems for Wyoming, and a good friend to all who know him. During his 30 year tenure at UW, he was selected for the ASCE Outstanding Professor Award seven times; he was twice nominated as Top Prof by the Mortar Board Honorary, and he received an Ellbogen Meritorious Teaching Award. He served as Department Head of Civil and Architectural Engineering for 5 years. His research was always directed to solving Wyoming water problems, including modeling, theoretical and field studies. "Doc" has been actively involved with ASCE, as president of the state section, president and chair of several national committees, state newsletter editor, and faculty advisor to the Student chapter. He was the PE and FE coordinator for the State Board of Registration for nearly twenty years. Students and faculty found Vic easy to talk to; he always gave his time and listened.

This scholarship has been established by his former students, his colleagues, and his friends to recognize his many contributions to education and to the State of Wyoming.

Alan Frank Yates	SR	ARE	West Jordan, UT	\$400
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### IVAN G. HEADY MEMORIAL SCHOLARSHIP

A native of Casper, WY, Ivan G. Heady graduated from UW in 1942 with a degree in mechanical engineering. During World War II he worked as an aeronautical engineer for Hughes Aircraft. Following the war he was employed by the Laramie Petroleum Research Center, U.S. Bureau of Mines, as a mechanical engineer. This endowed scholarship was established with a bequest from Mr. Heady.

The scholarship is awarded to a sophomore, junior or senior student in mechanical engineering who is a resident of Wyoming.

Charles Don Cooley                      SO                      ME                      Powell, WY                      \$700

**RALPH W. HOLLAND, SR. MEMORIAL SCHOLARSHIP**

Ralph W. Holland is remembered by his family and friends for many reasons, none more prominent than his entrepreneurial spirit and strong work ethic. In 1916 at the age of 19, Ralph boarded a train in Lebanon, Kansas, bound for the University of Wyoming. As a mechanical engineering student, Ralph began working at the Enterprise Cleaners, which he purchased two years later, to earn enough money to pay his way through school. During his lifetime, Ralph invented several cleaning machines, and the largest commercial laundry in the Rocky Mountain region. Elsie M. Holland established this endowed scholarship to honor the memory of her late husband.

Lauren D. Williams                      JR                      AMIS                      Rock Springs, WY                      \$400

**RAYMOND G. JACQUOT SCHOLARSHIP**

Professor Raymond G. Jacquot, a Casper native, graduated from UW with BSME and MSME degrees in 1960 and 1962 respectively. He received the Ph.D. from Purdue University in 1969. He began his 41-year teaching career in 1960 as Supply Instructor of Mechanical Engineering. Since 1969 he served the Electrical Engineering Department at UW in all faculty ranks until his retirement as Professor Emeritus of Electrical Engineering in 2001. Ray is a registered professional engineer and a past president of the Wyoming Engineering Society. He is the recipient of numerous UW, regional and national teaching awards, and held an abiding interest in engineering education throughout his career. He continues to reside in Laramie and pursues his interests in writing, amateur archaeology, painting, and mountaineering.

Ray continues to enjoy his relationships with the many students, friends, family members and colleagues who provided funding for this scholarship.

Rebecca Madsen                      SO                      CPEN                      Casper, WY                      \$400

**VERN JOHNSTON MEMORIAL SCHOLARSHIP**

This scholarship was established by Empire Laboratories in memory of Vern Johnston. It is to be awarded to a meritorious student in the College of Engineering.

James Richard Avery                      JR                      COSC                      Casper, WY                      \$250

**JOHN L. KEMMERER SCHOLARSHIP**

In 1992 John Kemmerer, Jr., gave the University of Wyoming \$500,000 to establish a scholarship endowment that would provide sufficient income to cover one full undergraduate scholarship per class to students from Kemmerer and Cokeville, WY. At that time, Mr. Kemmerer said, "Our former operations in and around Kemmerer contributed materially to the financial success of my family, and it is with a feeling of gratitude to our former employees and residents of the area that I would like to establish this scholarship program." The recipients of the Kemmerer scholarships can be enrolled in any college at UW, and the College of Engineering is pleased to recognize engineering students when they are recipients of this fine scholarship.

Zachary Lee Tyrrell                      SO                      CHE                      Kemmerer, WY

## HAROLD AND BONNIE JANE KESTER SCHOLARSHIP

Having experienced first hand financial hardship in the pursuit of a college education, Harold (Civil Engineering '41) and his wife, Bonnie Jane (Music Education '41), established this endowed scholarship fund when they donated an 800 acre ranch near Buffalo, WY. The Kesters are among the College of Engineering's most generous supporters. Harold served on the UW Foundation Board, the National Advisory Board for the College of Engineering and on the H.T. Person Endowment Committee. The Harold O. and Bonnie Jane Kester Structures Research Laboratory was named to recognize their support to engineering programs and the H.T. Person Endowment.

Lyle J. Casciato	SO	CVLE	Laramie, WY	\$500
Scott C. Cook	SO	ARE	Laramie, WY	\$1250
Shawn Cooney	INCFR	ARE	Sidney, NE	\$1000
Matthew J. Curtis	INCFR	ARE	Longmont, CO	\$1000
Luke Thomas Donovan	SO	ARE	Salida, CO	\$1250
Kevin W. Erickson	FR	ARE	Cheyenne, WY	\$1000
Kyle J. Eyre	JR	ARE	Green River, WY	\$1250
Tana L. Fellhauer	INCFR	ARE	Fowler, CO	\$1000
James Gampetro	SO	ARE	Buffalo, WY	\$1250
Michael T. Gonzales	JR	ARE	Laramie, WY	\$1750
Adam M. Haass	FR	CVLE	Laramie, WY	\$1000
Kari S. Hallingbye	SO	ARE	Laramie, WY	\$1250
Derek S. Hudak	JR	ARE	Lander, WY	\$1750
Derek A. Johnson	TRANS	CVLE	Thayne, WY	\$1500
Jessica Jones	FR	ARE	Rapid City, SD	\$1000
Adrienne D. Lemmers	FR	CVLE	Casper, WY	\$750
Wendel Dean Lewis	FR	CVLE	Palmer, AK	\$400
Christopher M. McCormick	SBA	CVLE	Laramie, WY	\$1000
Ryan E. Meador	JR	ARE	Laramie, WY	\$1250
Cody Lee Moser	FR	CVLE	Rapid City, SD	\$550
Bryan Daniel Prosiniski	TRANS	ARE	Buffalo, WY	\$1000
Ryan Richardson	INCFR	CVLE	Highlands Ranch, CO	\$1000
Daniel C. Stewart	INCFR	CVLE	Rangely, CO	\$1000
Vicky Rochelle Sweenhart	INCFR	CVLE	Unalaska, AK	\$1000
Lloyd Charles Thomas	SR	ARE	Cheyenne, WY	\$550
Adam M. Tufte	FR	ARE	Fargo, ND	\$1000
Denise L. Weber	INCFR	ARE	Greeley, CO	\$1000
Nathan B. White	FR	ARE	Montrose, CO	\$100
Hunter Daniel Wychgram	SR	ARE	Thermopolis, WY	\$1750
Alan Frank Yates	SR	ARE	West Jordan, UT	\$600

## HAROLD O. KESTER GRADUATE FELLOWSHIP

Harold Kester enjoyed an enormously successful career and the respect and admiration of professional colleagues throughout the nation. At the time this fellowship was established, Harold was quoted as saying, "My education at UW was the greatest single thing that's ever happened to me. It showed me the opportunities available to a person through the contacts you make and the things you learn. An education was a stepping stone to a much broader picture than I'd ever imagined was out there." The Kester Fellowship is designed to encourage outstanding students to select the University of Wyoming's Department of Civil Engineering for their graduate education.

Recipients to be announced at a later date.

**JOHN B. KEYES MEMORIAL SCHOLARSHIP**

This endowed scholarship was established by Mr. and Mrs. J. H. Keyes, Jr. of Denver, Colorado, to honor the memory of their son John B. Keyes. John B. Keyes was a native of Wyoming and graduated from the University of Wyoming in 1976 with a degree in electrical engineering. He was employed by General Electric Company at the time of his death. This scholarship is awarded to a junior or senior electrical engineering major in the College of Engineering at the University of Wyoming.

Jared S. Grubb                      SR              EE                      Laramie, WY              \$2000

**JAMES A. AND LINDA M. KING SCHOLARSHIP**

Jim and Linda King are natives of Oregon and graduates of Oregon State University. Jim has a degree in chemical engineering, and Linda received a degree in education. Wyoming has been their home for more than 25 years. They have raised their family in Riverton, where they own Bonneville Transloaders, Inc., a company that transports soda ash. The Kings generously established this scholarship to assist a promising student with the financial burden of obtaining an education. This scholarship is awarded to a student who demonstrates academic ability and a level of pragmatism that will allow the student to complete an engineering degree and become a productive engineer.

Katharine Cherry Trowbridge   SR              CHE                      Laramie, WY              \$5000

**JAMES AND KRISTINE LARSEN AND MARIE ROUTH MEMORIAL SCHOLARSHIP**

The late Carlton R. Barkhurst (BS Civil Engineering '29) and his widow, Irene A. Barkhurst, established this endowed scholarship in memory of James and Kristine Larsen and Marie Peterson Routh. These scholarships are awarded to students interested in research and energy.

Scott P. Fillerup                      SR              ME                      Laramie, WY              \$950

**EARL LLOYD MEMORIAL SCHOLARSHIP**

Mrs. Earl Lloyd of Cheyenne, WY, established this endowed scholarship in memory of her husband, Earl Lloyd.

Andrew A. Catellier                      SO              EE                      Cheyenne, WY              \$900

**FRANCIS M. LONG SCHOLARSHIP**

Dr. Francis Long joined the UW College Department of Electrical Engineering faculty in 1956. He received his B.S. from the University of Iowa and M.S. and Ph.D. from Iowa State University. In 1971 Dr. Long was named among ten faculty members as Outstanding Educators of America. He was also named as the UW George Duke Humphrey Distinguished Faculty Award Recipient for 1974.

A leader in the field of bioengineering research, Dr. Long expanded the studies by developing sensors which include multichannel transmitters sending heart rate, EEG and EMG information from freeroaming wild animals. From 1977 to 1987, he ably served the Department of Electrical Engineering as department head. When Dr. Long elected to retire in 1995, his family, colleagues, and students chose to recognize his distinguished career by providing the funding for this named scholarship.

Thomas M. Kunkel                      JR              EE                      Sheridan, WY              \$1000

### LOVELAND READY MIX SCHOLARSHIP

This scholarship endowment was provided by George Fancher (Civil Engineering '42) and Harold Kester (Civil Engineering '41), owners and officers of Loveland Ready Mix Concrete, Inc., and longtime supporters of the College of Engineering. Their company, Eagle Construction, was involved in construction projects throughout the Rocky Mountain region, and they purchased Loveland Ready Mix in 1955 because there were no other ready mix firms in the area. These gentlemen believe that their engineering education at UW had a positive and profound impact on their lives and that funding scholarships provides them an opportunity to help future generations of students. They also hope that those students who receive scholarships will at some point in their lives be willing to assist the next generation of engineering students with scholarship support. The scholarship was endowed in 1994, and in 1995 a second gift doubled the endowment.

Sean M. Ley	SO	ME	Sheridan, WY	\$1250
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### MARATHON OIL CHEMICAL ENGINEERING SCHOLARSHIP

This scholarship is the result of a grant by the USX Foundation Board of Trustees on behalf of Marathon Oil Company toward a Chemical and Petroleum Engineering Scholarship at the University of Wyoming. It is part of the USX Foundation's 2000 Education program.

Robert A. Auflick	INCFR	CHE	Casper, WY	\$1000
Andrew C. Bastian	FR	CHE	Lyman, NE	\$500
Rodney A. Schaneman	INCFR	CHE	Melbeta, NE	\$1000

### ELIZABETH MCCASKEY MEMORIAL SCHOLARSHIP IN CHEMICAL ENGINEERING

Harold McCaskey (General Engineering '47) established a chemical engineering scholarship in memory of his beloved wife "Bette." Harold and Bette were childhood friends who met again many years later and married. They shared a deep love for Wyoming and commitment to the College of Engineering. Harold credits Bette for their philanthropic support. This chemical engineering scholarship is available to a student from Wyoming with a grade point average of 3.0 or better.

Justin Daniel Boysen	JR	CHE	Laramie, WY	\$250
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### HAROLD AND ELIZABETH MCCASKEY CHEMICAL ENGINEERING SCHOLARSHIP

Harold McCaskey, a native of Lander, WY, graduated from UW in 1947 with a degree in general engineering with a chemical engineering option. He served in the U.S. Navy during World War II. In 1949 he received a degree in chemical engineering from the University of Michigan. Mr. McCaskey spent most of his career in South America, Iran, the North Sea, Africa, Louisiana, and Texas as a drilling engineer and superintendent for the Gulf and Chevron Oil Corporations. A man who came from humble beginnings, Mr. McCaskey provided this scholarship endowment to assist a Wyoming native who as a good student might need assistance in completing his education and achieving his highest aspirations. Now retired, Harold makes his home in Lander and remains interested and active in College of Engineering programs and events.

Justin Daniel Boysen	JR	CHE	Laramie, WY	\$1000
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### A.J. "MIKE" MCGAW SCHOLARSHIP

A. J. "Mike" McGaw was a professor of civil engineering, Head of the Department of Civil

Engineering, and Dean of the College of Engineering. His family, colleagues and friends established this scholarship to permanently honor his many important contributions to the College. Dean McGaw's widow, Louise McGaw, continues to add to the endowment.

Danielle R. Tripp	SR	CVLE	Rock Springs, WY	\$600
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**MECHANICAL ENGINEERING DEPARTMENT SCHOLARSHIP**

In order to encourage outstanding incoming freshmen to enter UW and to pursue a degree in mechanical engineering, the Department of Mechanical Engineering awards scholarships. Alumni and corporate gifts to the department provide funds for these scholarships.

Joseph M. Jording	FR	ME	Newcastle, WY	\$500
Daniel Edward Kunkel	TRANS	ME	Sheridan, WY	\$1000
Jared N. Strube	SO	ME	Riverton, WY	\$500

**THADDEUS W. MERMEL SCHOLARSHIP**

Thaddeus W. Mermel was born in Chicago and received a degree in electrical engineering from the University of Illinois in 1930. Upon graduation he came to the Washington, D.C., area and was employed by the Interstate Commerce Commission. In 1933 he transferred to the Bureau of Reclamation engineering center in Denver, CO, where he participated as engineer-designer in the design of Hoover Dam, Grand Coulee Dam, Shasta Dam, Hungry Horse Dam and several other major dam projects. With Large Dams as his career focus, he served as chairman of the Committee on the World Registry of Dams for the International Commission of Large Dams. Additional research specialties included high-voltage underground cable, rights of way for utility services, and advanced tunneling methods.

In 1973, retiring as the assistant to the commissioner for scientific affairs, he was awarded the Department of Interior's Gold Medal Award for Distinguished Service. Subsequently, the University of Wyoming College of Engineering accepted his professional papers and records of his career with the Bureau for their archives and future study.

In memory of his strong commitment to the profession of Engineering and his dedication to formal education as the best means for self-advancement, Mr. Mermel's family has established the "T.W. Mermel Memorial Engineering Scholarship Fund" at the College of Engineering at the University of Wyoming.

Paul D. Teini	JR	ME	Sheridan, WY	\$1300
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**MKK ENGINEERING SCHOLARSHIP**

MKK Consulting Engineers is one of the largest mechanical and electrical consulting engineering firms in the region, with offices in Denver, Colorado; Cheyenne, WY; and Atlanta, Georgia. In a continuing effort to support the consulting industry and as a commitment to education, this scholarship is funded to encourage engineering students to enter the consulting engineering profession. The scholarship is awarded to a senior architectural engineering student majoring in the mechanical/electrical option.

Callie J. Hilty	SR	ARE	Sundance, WY	\$1000
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**MODERN ELECTRIC COMPANY ENGINEERING SCHOLARSHIP**

Modern Electric Company is a Wyoming owned electrical contractor who has provided quality,

cost-efficient service to the Rocky Mountain region for over 50 years. Modern Electric offers a full range of electrical and communication services from its offices in Casper, Sheridan, Rock Springs, and Cheyenne. We take pride in offering this scholarship to students majoring in electrical engineering with an emphasis in construction.

Brian Kyle Dean                      FR                      EE                      Rawlins, WY                      \$750

**PROFESSOR GLENN B. MULLENS SCHOLARSHIP**

The late Professor Glenn B. Mullens, a native of Cheyenne, WY, graduated from UW in 1941 with a degree in mechanical engineering. After serving as a B29 flight engineer during WW II, he returned to UW and received a degree in civil engineering with honors in 1946, a professional degree in civil engineering in 1950, and a master’s degree in civil engineering from the University of Illinois in 1954. Glenn was a registered professional engineer and architect, and in 1995 was named Tau Beta Pi Wyoming Eminent Engineer. After 38 years of teaching, he retired in 1984 as Professor Emeritus of the Department of Civil and Architectural Engineering. His widow, Elinor, continues to reside in Laramie and remain actively involved in the community.

Funding for this scholarship was initiated by a student of Professor Mullens who thought so highly of this outstanding educator that he and his wife established this scholarship endowment to honor Professor Mullens. Orwill “Bill “ (CE ’52) and Clare (EDUC ’52) Sikora faithfully contributed to the scholarship annually for many years. Professor and Mrs. Mullens and their daughter, Ann Mullens Boelter, provided the funding to complete the endowment.

Tyrel S. West                              JR                      CVLE                      Wheatland, WY                      \$1250

**MILO C. NAMTVEDT MEMORIAL SCHOLARSHIP**

Milo C. Namtvedt received a B.S. in civil engineering from the University in 1951. After graduation he was employed by Peter Kiewit and Sons, a career that spanned 32 years. He was instrumental in forming the S.E. Sheridan Improvement District, served on the Sheridan Area Water Interest Group, and Sheridan Area Water Supply Joint Powers Board. In retirement Milo became actively involved again with the University. He served on the Alumni Board for eight years and the UW President’s Council.

Lois Namtvedt and their children, Conrad and Karyn, established a civil engineering scholarship in Milo’s memory. Lois shared that, “Milo had a great love for UW and strongly felt his success in life was due to the quality education he received at the College of Engineering.”

Benjamin Edward Weaver              JR                      CVLE                      Cheyenne, WY                      \$1000

**NATIONAL COAL TRANSPORTATION ASSOCIATION AWARD**

The Western Coal Transportation Association is an organization that studies coal transportation in the Western region. Currently, the primary method of transporting coal in the Western states is by rail. The association is working with Public Utility Regulatory and Training Institute and the Department of Civil Engineering at the University to find less expensive ways to get coal to the consumer. The association has chosen to award students in civil engineering/transportation in order to encourage research in alternate systems of moving coal.

Chris D. Wolffing                              SR                      CVLE                      Green River, WY                      \$1500

**NATURAL GAS PROCESSING COMPANY SCHOLARSHIP**

David L. Hamilton, President of Natural Gas Processing Company, graduated from the Univer-

sity of Wyoming in 1970 with a B.S. degree in chemical engineering. In 1974 with \$5,000 and a lot of determination, Mr. Hamilton returned to Wyoming and started Natural Gas Processing Company. Today, Natural Gas Processing Company is one of the largest independent oil and gas companies in the Rocky Mountain Region and is owner of two natural gas utilities. With the rising cost of higher education, Mr. Hamilton understands the need for financial assistance for deserving students. He also remembers working eight-hour night shifts to put himself through college. With the rewards that he has gained from his degree, he provides an opportunity for a deserving student in engineering.

Richard Brock Sherman	SR	CHE	Laramie, WY	\$2000
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**SCOTT AND HEATHER NEU SCHOLARSHIPS IN ELECTRICAL ENGINEERING**

Scott and Heather Neu both graduated from the University of Wyoming, Scott with a B.S. in Electrical Engineering in 1998 and Heather with an M.S. in Mathematics, also in 1998. Just two years after graduating, they have established a named scholarship.

Scott served as an Engineering College Senator and then became President of ASUW, a position that he took seriously. In his role as student body president, Scott established a reputation for being able to work with others to set goals, then worked tirelessly to accomplish them. In his term as President, ASUW set a record of accomplishment that eclipsed all former groups and will not be easily matched in the future, including establishing a million-dollar endowment to benefit future students, capping tuition increases, and establishing a Concert and Convocation fund. Heather earned her B.S. degree at the University of Nebraska in Omaha. She taught Algebra and Trigonometry at UW while pursuing her graduate degree.

Brennan Kilty	SO	EE	Lagrange, WY	\$1000
Warren L. Parsons	SO	EE	Pocatello, ID	\$1000

**CHUCK NEWCOMB ENGINEERING SCHOLARSHIP**

A 1938 graduate in mechanical engineering, Chuck Newcomb followed a path that led across the country from his birthplace in Cheyenne. After a honeymoon in Yellowstone Park with the bride he met at Sullivan’s Boarding House in Laramie, the young engineer worked in the oil fields in Casper, Kansas, and Pennsylvania. War came and ordinance work called him to Utah, New York, and then Connecticut. At war’s end, he continued designing weapons for Remington Arms but now sporting firearms; not army destroyers. In the Pittsburgh area Chuck developed alloys in the infant titanium industry, which led to steel. He was finally able to return his family to their beloved Rocky Mountains. After flirting with various specialty steel products, he ultimately designed the rail mill at CF&I in Pueblo, Colorado. Upon retiring in 1979, “Cherokee Chuck” and his sidekick, Lola, 4-wheeled throughout the Rockies where this long-time firearms expert shot every bit of his game with a camera.

His legacy lives in his desire to make education accessible to all students. He once delivered ice to earn the \$50 annual tuition to the University; he now leaves a substantial endowment to encourage others to prepare for the future and to live a full life. He loved his work, and his education served him well.

This scholarship was established by his daughter, Gale Richardson, in loving memory of the finest role model she could ever imagine.

Andrew R. Curtis	JR	COSC	Douglas, WY	\$1250
Benjamin J. Ketron	JR	COSC	Sheridan, WY	\$1250
Justin L. Lane	SO	COSC	Douglas, WY	\$750
Emily Nelson	FR	ENUN	Omaha, NE	\$1000
Waiming Ng	SO	COSC	Laramie, WY	\$1250

### **G. J. GUTHRIE NICHOLSON POWER ENGINEERING SCHOLARSHIP**

This scholarship is in honor of G. J. “Nick” Nicholson, to enhance the power program in the Department of Electrical Engineering. Mr. Nicholson spent his early childhood on the family cattle ranch near Meeteetse, WY. An MIT graduate, Mr. Nicholson worked for twenty years with Consolidated Edison of New York. At the time of his retirement he was the chief engineer for the U.S. Naval Degaussing Station in Newport, RI. Mrs. Nicholson was born in Switzerland but came to love Wyoming when she and “Nick” retired to Thermopolis in 1985. Before his death in 1991, Mr. Nicholson made a gift of property in Rhode Island to the UW Foundation. This scholarship is awarded to undergraduate students majoring in electrical engineering who are doing research in the “Nick” Nicholson Power Engineering Lab. The scholarship was established by his late wife Klara Nicholson.

Ryan J. Perkins	SR	EE	Rawlins, WY	\$1000
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### **G. J. GUTHRIE NICHOLSON POWER ENGINEERING GRADUATE FELLOWSHIP**

These fellowships are provided to students doing graduate work in the field of power engineering. Mrs. Nicholson maintained strong ties to the College of Engineering and the research that is being done by Dr. Sadrul Ula and his students in the “Nick” Nicholson Power Engineering Lab.

Kaili Xu	PHD	EE	Laramie, WY	\$1500
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### **A. B. AND MARIAN S. NUSS MEMORIAL SCHOLARSHIP**

A. B. and Marian S. Nuss left a large bequest to the University of Wyoming. This endowment provides scholarships to students with the ability and aptitude to successfully complete a degree in engineering. For many years this scholarship endowment has enabled engineering students to complete their degrees.

Keith G. Lyon	SO	CPEN	Albuquerque, NM	\$1500
David M. Mares	JR	EE	Laramie, WY	\$1000
Andrew Joseph Nelson	JR	EE	Louisville, CO	\$1500
Michael A. Spainhower	SR	AMIS	Sheridan, WY	\$1500
Nathaniel K. Steinken	SO	EE	Rapid City, SD	\$1500
Brian John Zuelke	SR	CPEN	Cheyenne, WY	\$1500

### **DEAN KYNRIC M. PELL ENGINEERING SCHOLARSHIP**

Kynric Pell attended the University of Florida and earned his bachelor’s, master’s and Ph.D. degrees in aerospace engineering. From 1971 until his retirement in 1999, Kyn progressed through the academic ranks, becoming Department Head of Mechanical Engineering in 1989 and Dean in 1996. His research interests initially included fluid mechanics and heat transfer, especially as they relate to heat pipes. In 1985 he initiated research in computer-aided design and manufacturing in support of IBM and the U.S. Navy.

While Dean, he established a College National Advisory Board, worked with the department heads and associate deans to accomplish a successful accreditation review, implemented a college-wide Senior Design Symposium, helped a committee establish a College of Engineering Hall of Fame, and worked with the Director of Development to increase the College endowment fund by \$6 million, all of which will assist faculty and students to deal with the challenges of the 21st Century.

To recognize his years of service and to honor his career at the University of Wyoming College of

Engineering his colleagues have established an endowed scholarship in Kyn's honor.

Patrick Shea	FR	ME	Douglas, WY	\$650
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#### **H.T. AND MAURINE PERSON SCHOLARSHIP**

H.T. Person served the University of Wyoming from 1929 to 1968 as professor, Department Head, Dean of the College, and as UW's 16th President. Beloved and respected by all who knew him, this endowed scholarship fund was established by his friends and colleagues to honor his memory and his lifelong contributions to engineering. More recently the alumni of the College have established the H.T. Person Endowment which has funded the H.T. Person Chair in Engineering.

Jason J. Hayden	JR	COSC	Cheyenne, WY	\$1000
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#### **TIMOTHY J. PETER MEMORIAL SCHOLARSHIP**

Tim Peter graduated with a degree in architectural engineering in December 1988, and passed away shortly after graduating. For those who knew Tim, the news of his sudden, tragic death came as a shocking and heartbreaking blow. He was one of those rare individuals who radiated life, energy, excitement, adventure, and happiness. The Timothy James Peter Memorial Scholarship Fund was established through the outpouring of memorial contributions at the time of Tim's death. Tim's parents, James and Donna Peter, created the scholarship to help other deserving students with their education because Tim had so openly and deeply appreciated his parents' support. This extraordinary young man from Minnesota dearly loved UW and the high country of Wyoming, and in his presence people would feel better about themselves and the world around them. His family continues to generously enhance this scholarship endowment.

Raelynn Kaye Hoekema	SR	ARE	Sidney, NE	\$1500
Paul L. Jacob	JR	ARE	Burns, WY	\$1500

#### **GENERAL SAMUEL C. PHILLIPS ENGINEERING SCHOLARSHIP**

Mrs. Betty Phillips, the widow of General Samuel Phillips, provided this scholarship endowment. General Phillips died in 1990, following what may have been the most distinguished military career of any UW alumnus. He received a B.S. in electrical engineering from UW in 1942 and served in World War II. After twenty years of service with distinction in Europe and the U.S., he was assigned in 1964 to NASA as Apollo Manned Lunar Landing Program Director. In 1972 he became director of the National Security Agency and chief of the Central Security Service. General Phillips was named a UW Distinguished Alum in 1962 and received a UW Honorary Doctor of Law degree in 1963. The College of Engineering is proud to have a scholarship that honors the career and life of this outstanding man.

Erin Leigh Hennings	SR	ME	Laramie, WY	\$1100
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#### **HAROLD MORRIS "WHITEY" PURSEL ENGINEERING SCHOLARSHIP**

In 1905, at the age of 12, Whitey Pursel arrived in the state of Wyoming from Nebraska. Two years later he started to work in the "dirt moving business." A few years later he formed a partnership with Bill Sharrock, the Sharrock and Pursel Construction Company. The firm was awarded the first Federal Aid Highway project in Wyoming, building a portion of the road out of Lusk, WY, to Goshen County. Pursel's career included work for the Bureau of Reclamation, two defense contracts in WW II to improve and expand the Casper and Cheyenne airports, construction of the road to Devil's Tower, and strip mining in the Gas Hills. His family describes him as the original "self-made man".

In her trust, his wife, Margaret, established a scholarship in the College to honor Harold Morris Pursel and to aid students interested in studying engineering.

Timothy J. Colgan	JR	EE	Rock Springs, WY	\$1500
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#### **QUESTAR CORPORATION SCHOLARSHIP**

Questar Corporation is based in Salt Lake City, Utah, but had its beginnings in Rock Springs, WY. In recognition of this important involvement with Wyoming, Questar set aside 1,557 shares of its stock in 1989. The dividends from the stock fund scholarships in engineering and geology and University building projects.

Jeffrey Willis Carlson	SR	CHE	Cody, WY	\$1750
Erik S. Edgar	JR	CHE	Laramie, WY	\$1750
Brian Jacob Harwood	SR	CHE	Laramie, WY	\$1750

#### **WINIFRED READ FAMILY SCHOLARSHIP**

This scholarship is provided by Mrs. Winifred Read of Cheyenne, WY, and is given in memory of her late husband, Herbert W. Read, and her late son, Robert A. Read, and in honor of her son, James F. Read. It is administered by the Wyoming Contractors Association. The recipient is chosen by Mrs. Read from sophomore, junior, senior, and graduate students in civil engineering who are residents of Wyoming and interested in a career in the construction industry.

Recipient to be announced at a later date.

#### **ROCKY MOUNTAIN COAL MINING INSTITUTE SCHOLARSHIP**

The Rocky Mountain Coal Mining Institute annually presents scholarships to students interested in the mining industry. One student is chosen from each of the eight Institute member states of which Wyoming is one. Selection is based on state residency, scholastic standing and interest in western mining. The nominee must be pursuing a degree in a mining related field or an engineering discipline.

Pamela L. Beavis	JR	EE	Wright, WY	\$2000
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#### **FLOYD MCKINLEY ROUSH CIVIL ENGINEERING SCHOLARSHIP**

In 1936, at the age of 40, Floyd McKinley Roush graduated from UW with a degree in civil engineering with Phi Kappa honors. He was superintendent of the Goshen Irrigation District for several years and ended his career as the head of the Operation and Maintenance Division of District 5 of the Bureau of Reclamation. His daughter, Maxine, who received her civil engineering degree from the University in 1947, gives this scholarship in loving memory.

Adrienne D. Lemmers	FR	CVLE	Casper, WY	\$250
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#### **F. MAXINE ROUSH MCINTOSH CIVIL ENGINEERING SCHOLARSHIP**

Maxine Roush McIntosh was one of the first two women to graduate from University of Wyoming School of Engineering. She graduated *cum laude* in 1943 in civil engineering and worked for the Corps of Engineers, and California Transportation Department for eight years before electing to stay home and raise a family. Twenty years later she returned to the field as a construction engineer

with the City of Concord, supervising several multi-million dollar projects. This civil engineering scholarship is established at the request of her sons George W. Muller and Scott A. Muller.

Steven T. Vander Giessen      SO      CVLE      Aurora, CO      \$350

**SAM SAILOR CIVIL ENGINEERING SCHOLARSHIP**

Samuel Sailor graduated from Cornell University with an M.S. in 1952 and taught at Rutgers University before coming to the University of Wyoming in 1965. He was on the UW civil engineering faculty for 20 years, teaching courses in surveying, soil mechanics and engineering science. He was dedicated to teaching and truly enjoyed his interactions with students and faculty. His widow, Frances, a retired elementary teacher, funded this permanent endowment in his honor.

Adam M. Vath      FR      CVLE      Scottsbluff, NE      \$750

**LOUIE AND SIGRID SEE SCHOLARSHIP IN ENGINEERING**

Louie W. See, a Wyoming native, received a B.S. in civil engineering from the University of Wyoming in 1955. After graduation he accepted a position with the Bureau of Reclamation his first project was work on the Glendo Dam. During his civil engineering career Louie was employed by the Bureau of Reclamation, Federal Aviation Administration and the U.S. Navy. After retiring from the Navy, he worked on a variety of projects in Guam. Sigrid See, also a Wyoming native and talented puppeteer, established this scholarship to assist the students in the College of Engineering.

Christopher M. Schabron      SO      ENUN      Laramie, WY      \$500

**DR. DWIGHT W. SENSER MECHANICAL ENGINEERING SCHOLARSHIP**

Dwight Senser, a native of Casper, received his B.S. and M.S. in the Department of Mechanical Engineering and a Ph.D. from Louisiana State University. Before returning to UW in 1994, he was on the faculty at Purdue University where he was recognized as an outstanding teacher and for his research in coating application technology. At UW he was a valuable member of the mechanical engineering teaching faculty and was nationally recognized for his research. He played a key role in recruiting and retention of students and was highly regarded by students, staff and his colleagues. His untimely death left an enormous void for his loving family and devoted friends. This scholarship was established with memorials from his family and friends.

Joe Uriarte      SR      ME      Green River, WY      \$500

**CLYDE VINCENT SIMPSON MEMORIAL SCHOLARSHIP**

The late Mrs. Lois K. Simpson established this endowed scholarship in memory of her husband, Clyde Vincent Simpson. Mr. Simpson graduated from the University of Wyoming with a degree in engineering in 1910. Mrs. Simpson requested that the student receiving the scholarship should demonstrate effort and ambition worthy of encouragement.

Robert J. Welchman      JR      COSC      Laramie, WY      \$200

**DUANE SIMPSON MECHANICAL ENGINEERING SCHOLARSHIP**

This scholarship was funded with memorial gifts from the family and friends of the late Duane Simpson. Mr. Simpson majored in geology when he attended UW during the mid-thirties. At the

time of his death, he was Vice President for Engineering at FLUOR Corporation in Irvine, California. The scholarship is awarded to a student majoring in mechanical engineering.

Trapper T. Most	FR	ME	Laramie, WY	\$375
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**GARY E. SMITH ELECTRICAL ENGINEERING SCHOLARSHIP**

This scholarship is given in memory of Gary E. Smith, who received a B.S. in 1969 and an M.S. in 1970 in electrical engineering from UW. Prior to his death, Mr. Smith was employed as the general manager of Goldco Industries, Inc. in Loveland, Colorado. The owners of Goldco, Richard and Diane Vander Meer, thought so highly of his ability, courage and character that they have established this endowed scholarship to honor his career and memory.

Brian Roy Myhre	JR	CPEN	Casper, WY	\$1750
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**HELEN AND JIM SMITH SCHOLARSHIP IN HONOR OF THE COLLEGE OF ENGINEERING HALL OF FAME**

This endowed scholarship was established to recognize members of the College of Engineering Hall of Fame and is awarded to an engineering student on the basis of leadership, creativity and scholarship. The initial endowment was provided by Helen and Jim Smith, along with additional contributions by their family and the family and friends of Hall of Fame members. Jim was Professor of Agricultural Engineering for 12 years. He was active in teaching and conducted research on the environmental impacts of disturbed lands. Helen and Jim participated in international programs in India, Pakistan (Afghanistan), Egypt, Mexico, Germany, and Italy, and in 1987-88 Jim was a Fellow at the University of Nairobi (Kenya).

Tyrel L. Soukup	FR	ENUN	Hulett, WY	\$300
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**VINCENT O. AND ANN BARKER SMITH CIVIL ENGINEERING SCHOLARSHIP AND GRADUATE FELLOWSHIP**

Vincent Smith, a native of Sheridan, WY, entered UW in 1940. His education was interrupted by WW II. While serving in the Army Engineers as an operations officer, he met and married his late wife, Ann. When the war was over, they returned to Laramie. Ann worked as a dietitian for the UW Student Union, and Vincent completed his degree in civil engineering in 1950. Vincent enjoyed an extremely successful career in the construction industry. Vince and his wife Rosalie continue to support these scholarships and the college.

John Thomas Bellamy	FR	CVLE	Laramie, WY	\$1250
Jason C. Delaney	SR	CVLE	Polson, MT	\$1000
Isaac Finkle	JR	CVLE	Rawlins, WY	\$1475
Nicole R. Hartzheim	INCFR	CVLE	Phoenix, AZ	\$1000
Waylon James Lym	SR	CVLE	Evanston, WY	\$500
Erik D. Olson	INCFR	CVLE	Alliance, NE	\$1000
Matthew Brian Price	INCFR	CVLE	Julesburg, CO	\$1000
Zach David Rinker	INCFR	CVLE	Recluse, WY	\$1000
Michael James Tomasini	JR	CVLE	Casper, WY	\$1000
Danielle R. Tripp	SR	CVLE	Rock Springs, WY	\$1150

The Fellowship is awarded to an outstanding student pursuing an advanced degree in civil engineering.

The Fellowship will be announced at a later date.

**SPE WYOMING PETROLEUM SECTION SCHOLARSHIP (2002-2003)**

The Wyoming Petroleum Section of the Society of Petroleum Engineers operates in Casper for the benefit of practicing petroleum engineers in the state of Wyoming. They provide a forum for technical presentations by industry personnel as well as social interactions. Their scholarship is funded with section funds that are derived from a number of events including an annual golf tournament.

Recipient to be announced at a later date.

**JACK R. AND THELMA B. STARNER FAMILY ENGINEERING SCHOLARSHIP**

Jack graduated in General Engineering (Petroleum Option) in 1957. He started his career with Fred Goodstein's Trigood Oil Co. in Casper, Wyoming, as a drilling and completion engineer. He then joined his father in the Oil Well Fishing Tool business in Casper, Wyoming. After the sale of their company, Jack worked for the Fluor Corporation throughout the United States, Caribbean, and South America in construction management of refinery and petro chemical projects. In 1972, the family returned to the United States and entered a new career in the ready mix concrete and aggregate production business in Western Colorado. They sold their business in 1997 and retired spending their time raising registered Black Angus cattle and participating in various local and state activities.

Thelma earned her B.S. degree in Business Administration at the University of Wyoming in 1956. She was the former secretary for the Mechanical Engineering Department under the late Eric Lindahl during 1956-57 and handled all of the scheduling of job interviews for the Dean of the College of Engineering, the late H. T. Person.

The Starners and their daughters Vicki and Shari with their husbands reside in Delta, Colorado.

Seth Warren Niesent	FR	CPEN	Fort Collins, CO	\$375
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**PAUL STOCK FOUNDATION SCHOLARSHIP**

The late Paul Stock was one of the last great independent oil men. His career began as a 15-year-old roughneck and ended as one of Texaco's largest individual stock holders. For many years, the Paul Stock Foundation has generously supported the programs and students of the University of Wyoming by providing scholarships to students studying in each of UW's seven colleges. The Stock Foundation, which is headquartered in Cody, also funds scholarships to students attending some of Wyoming's community colleges. In addition, the Stock Foundation provided the cornerstone funding for the H. T. Person Endowment for the College of Engineering. To honor Paul Stock's memory and commitment to higher education, the petroleum engineering's fluids lab was named the Paul Stock Drilling Fluids Laboratory.

John P. Borer	INCFR	ENUN	Laramie, WY	\$1500
Drew Jackson Bowman	INCFR	CPEN	Cheyenne, WY	\$1500
Jacob Frederick	INCFR	COSC	Riverton, WY	\$1500
Timothy J. George	INCFR	ENUN	Casper, WY	\$1500
Sarah L. Kemper	INCFR	ENUN	Wilson, WY	\$1500
Taffy Kempton	INCFR	CHE	Sheridan, WY	\$1500
Jordan Lee Stutheit	INCFR	ENUN	Casper, WY	\$1500

Dane Robert Taylor	INCFR	ENUN	Casper, WY	\$1500
Tysen K. Trujillo	INCFR	ARE	Lander, WY	\$1500

### ROBERT L. SUTHERLAND DESIGN SCHOLARSHIP

This scholarship was created in 1975 with money received from the James F. Lincoln Arc Welding Foundation's annual student design competition in recognition of the many awards won by students in Professor Robert Sutherland's mechanical engineering design classes. Professor Sutherland graduated from the University of Illinois and taught at the University of Iowa before coming to UW in 1958. In 1960 he became Department Head of Mechanical Engineering. He retired in 1979 and continued to remain actively involved in special projects for the ME department and wrote the History of the University of Wyoming College of Engineering 1883-1993. The ME department has honored his service, support and commitment by naming the Robert Sutherland Advanced Design Lab in his honor. Mrs. Sutherland continues to generously contribute to this scholarship endowment and to other special projects in the Department of Mechanical Engineering and the College of Engineering.

Kevin M. Luke	JR	ME	Cheyenne, WY	\$1000
John Steven Michael	FR	ME	Cheyenne, WY	\$500
Christopher Michael Schmit	JR	ME	Sheridan, WY	\$1000

### TAU BETA PI SCHOLARSHIP FOR WYOMING ALPHA

The national engineering honorary, Tau Beta Pi, has recognized the University of Wyoming chapter for outstanding service and has awarded the chapter a scholarship under the Chapter Performance Scholarship Program. The chapter earned three consecutive Secretary's Commendations from 1998 – 2000, a mark of the dedication of Wyoming Alpha, its members and its advisers. The members have chosen to honor the outstanding sophomore and two junior engineering students and one outstanding member.

Mindy S. Martin	JR	ARE	Casper, WY	\$500
Kim Y. Nicholas	SO	CHE	Laramie, WY	\$500
Stephanie A. Popp	SR	ME	Laramie, WY	\$500
Charles Straley	SR	EE	Laramie, WY	\$500

### HORACE O. TITUS MEMORIAL ENGINEERING SCHOLARSHIP

Horace Titus graduated in 1926 with a degree in civil engineering. He remained active in the field and remained in contact with the engineering department until his death. Alberta Gould Titus, his widow, established this scholarship in his honor and memory.

Recipient to be announced at a later date.

### TRI STATE TRUCK AND EQUIPMENT SCHOLARSHIP

This endowed scholarship was established by Thomas Zimmer, president of Tri State Truck and Equipment, Inc. Over the past 36 years, Tri State Truck and Equipment has been serving the Wyoming and Montana construction and mining industries. This scholarship represents the company's commitment to supporting a quality engineering education for these industries. To be eligible for this scholarship award, a student must be a junior or senior majoring in civil engineering.

Isaac Finkle	JR	CVLE	Rawlins, WY	\$275
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## UW TRUSTEES' SUPERIOR SCHOLARSHIP

The UW Trustee's Superior Scholarships are UW's most prestigious scholarships. These scholarships are state funded and provide the students with tuition, fees, room and board for four years as long as a 3.0 cumulative GPA is maintained. The scholarships are awarded to the top 25 students graduating from Wyoming high schools each year and are designed to encourage Wyoming's best and brightest students to attend the University of Wyoming. Students are nominated by their high school, and final selections are made by a committee of UW faculty members.

Devan D. Bagley	INCFR	CHE	Fairview, WY
Jennifer D. Bamberger	INCFR	ARE	Sheridan, WY
Beau Braunberger	JR	CHE	Laramie, WY
Ian C. Campbell	INCFR	ENUN	Powell, WY
Christina Grace Carr	INCFR	COSC	Cheyenne, WY
Seth T. Conine	JR	ME	Cheyenne, WY
Mary-Katherine Cooper	FR	ARE	Riverton, WY
Sara E. Costopoulos	SO	CHE	Riverton, WY
Stefanie L. Day	INCFR	ENUN	Cheyenne, WY
Joshua R. Duncan	JR	EE	Cheyenne, WY
Kimberly A. Evagelatos	SO	ARE	Riverton, WY
John T. Flake	JR	EE	Evanston, WY
Ryan J. Gross	INCFR	ENUN	Gillette, WY
Jacob E. Hannon	INCFR	ENUN	Cody, WY
Ryan J. Hart	FR	CHE	Rock Springs, WY
Julian M. Herrera	INCFR	ENUN	Cheyenne, WY
Kimberly M. Hill	INCFR	ENUN	Casper, WY
Douglas Kenik	INCFR	ME	Casper, WY
Jonathan P. Krauss	INCFR	EE	Casper, WY
Brandon M. Long	JR	CHE	Douglas, WY
Michael A. Lucas	INCFR	EE	Gillette, WY
Geoffrey P. Luke	INCFR	CPEN	Cheyenne, WY
Daniel Cole Milligan	INCFR	ARE	Green River, WY
Caleb Herman Perl	INCFR	COSC	Casper, WY
Gavin R. Philips	SO	EE	Thermopolis, WY
James A. Pita	INCFR	COSC	Rock Springs, WY
Stephanie A. Popp	SR	ME	Laramie, WY
Richard Dale Pribyl	JR	CHE	Laramie, WY
David C. Primus	FR	COSC	Laramie, WY
James C. Robinson	SR	ME	Sheridan, WY
Peter L. Schultz	JR	CHE	Sheridan, WY
Jared Thomas Siirila	JR	COSC	Green River, WY
Thomas N. Tolman	FR	CHE	Basin, WY
Erika L. Tyler	INCFR	CVLE	Gillette, WY
Daming Wang	JR	COSC	Cheyenne, WY
Travis W. Waters	INCFR	COSC	Cody, WY
Daniel J. Weeks	INCFR	EE	Green River, WY
Christopher J. Wells	SO	ME	Green River, WY

## JOE H. AND ARLENE WATT SCHOLARSHIP HONORING H. T. PERSON

This scholarship endowment was originally established by Joe and Arlene Watt when they gave 150 head of cattle valued at \$30,000 to establish engineering scholarships in honor of H.T. Person. The Watts recently gifted the College of Engineering with an additional \$200,000 to be used for scholarships, again in honor of H.T. Person. In addition to their recent contribution to the College of Engineering, Mr. and Mrs. Watt provided \$200,000 in scholarship funding to the Colleges of Business and Agriculture, as well as \$400,000 to the American Heritage Center, which proudly bears their name. Mr. Watt's role as one of Wyoming's leading cattlemen began in a log cabin on his family's homestead near Moorecroft, WY. Joe and Arlene went on to own one of Wyoming's largest cattle ranches, the Triangle T. Service and support have been the hallmarks of the Watts' long association with the University of Wyoming. In addition to their generous gifts, Joe Watt served for six years on the University of Wyoming Board of Trustees, serving as president of the board in 1967, and nine years on the UW Foundation Board.

Christina E. Abel	FR	ENUN	Sheridan, WY	\$600
James Richard Avery	JR	COSC	Casper, WY	\$750
Andrew A. Catellier	SO	EE	Cheyenne, WY	\$100
Charles Don Cooley	SO	ME	Powell, WY	\$550
Brian Kyle Dean	FR	EE	Rawlins, WY	\$250
Ashley J. Driscoll	FR	CHE	Cheyenne, WY	\$500
Scott P. Fillerup	SR	ME	Laramie, WY	\$300
Erin Leigh Hennings	SR	ME	Laramie, WY	\$400
Brennan Kilty	SO	EE	Lagrange, WY	\$500
Thomas M. Kunkel	JR	EE	Sheridan, WY	\$750
Justin L. Lane	SO	COSC	Douglas, WY	\$500
Sean M. Ley	SO	ME	Sheridan, WY	\$250
Kevin M. Luke	JR	ME	Cheyenne, WY	\$500
Rebecca Madsen	SO	CPEN	Casper, WY	\$600
John Steven Michael	FR	ME	Cheyenne, WY	\$500
Trapper T. Most	FR	ME	Laramie, WY	\$1125
Seth Warren Niesent	FR	CPEN	Fort Collins, CO	\$625
Warren L. Parsons	SO	EE	Pocatello, ID	\$250
Daniel James Poelma	FR	EE	Cheyenne, WY	\$1000
Yuan Qiao	SO	CPEN	Greeley, CO	\$250
Christopher M. Schabron	SO	ENUN	Laramie, WY	\$500
Patrick Shea	FR	ME	Douglas, WY	\$350
Tyrel L. Soukup	FR	ENUN	Hulett, WY	\$700
Jared N. Strube	SO	ME	Riverton, WY	\$1000
Samuel L. Styles	SO	CHE	Rock Springs, WY	\$250
Paul D. Teini	JR	ME	Sheridan, WY	\$200
Joe Uriarte	SR	ME	Green River, WY	\$500
Thomas J. Watson	FR	ENUN	Wheatland, WY	\$500
Robert J. Welchman	JR	COSC	Laramie, WY	\$800
Jeff M. Wendt	SR	EE	Laramie, WY	\$200
Derrek J. Williams	JR	EE	Powell, WY	\$150
Lauren D. Williams	JR	AMIS	Rock Springs, WY	\$600

## WESTERN HERITAGE SCHOLARSHIP PACKAGE

The Western Heritage Scholarship Package is offered to new incoming students (freshmen and non-resident transfer students) who meet specific academic achievements based on their high school or transfer college grade point averages. The package is a guarantee of scholarship support, rather than a specific scholarship. The Western Heritage Package is partially funded by College of Engineering funds.

Alan D. Ashley	INCFR	ENUN	Cheyenne, WY	\$1200
Duane Philip Beemer	FR	CVLE	Laramie, WY	\$1000
Carrie A. Bredin	INCFR	COSC	Sheridan, WY	\$1500
Timothy S. Brugger	INCFR	CVLE	Cheyenne, WY	\$1200
Christopher J. Bugas	INCFR	ENUN	Fort Bridger, WY	\$1200
Michael T. Burnett	INCFR	EE	Powell, WY	\$1200
Michelle Elaine Carbaugh	INCFR	CHE	Cheyenne, WY	\$1200
Jeremy D. Chambers	FR	CPEN	Rock Springs, WY	\$1200
Sean B. Dunlop	INCFR	ME	Cheyenne, WY	\$1200
Jason Alexander Eckerman	INCFR	CVLE	Story, WY	\$1200
Christopher James Ferraro	INCFR	ENUN	South Wales, NY	\$4000
William Austin Fleak	INCFR	ENUN	Riverton, WY	\$1500
Kari Rae Fuller	INCFR	ENUN	Moorcroft, WY	\$1500
Bryan Henry Gorges	INCFR	CPEN	Cheyenne, WY	\$1200
Seth A. Hendrickson	SO	CVLE	Big Horn, WY	\$1200
Justin C. Hill	INCFR	EE	Banner, WY	\$1200
Dane Hardee Hopkin	INCFR	ENUN	Cody, WY	\$1200
William G. Howison	INCFR	EE	Dallas, TX	\$4000
Darray Christine Hunt	INCFR	EE	Cheyenne, WY	\$1200
William Remmers Janney	INCFR	CHE	Dallas, TX	\$4000
Kirk Benjamin Knappman	INCFR	CHE	Shippensburg, PA	\$4000
Robert J. Leonard	JR	CHE	Dingmans Ferry, PA	\$4000
Forrest Robert Maclean	INCFR	ME	Daniel, WY	\$1200
Trent S. Mankowski	INCFR	ENUN	Lander, WY	\$1200
Sheila Mary Miller	INCFR	CVLE	Gillette, WY	\$1200
Austin Daniel Milster	INCFR	ENUN	Hoover, AL	\$4000
Alyxandria Arlean Morey	INCFR	COSC	Evanston, WY	\$1200
James Potter Nelson	INCFR	ME	Cheyenne, WY	\$1200
Selena M. Nelson	INCFR	ENUN	Laramie, WY	\$1200
Levi Bradley Oberg	INCFR	ENUN	Cheyenne, WY	\$1200
Beau Gregory Palmquist	INCFR	COSC	Cheyenne, WY	\$1200
Russuel Edward Porter	INCFR	ENUN	Wright, WY	\$1200
Richard L. Price	TRANS	CVLE	Cheyenne, WY	\$1200
Garrett Thomas Risley	INCFR	ENUN	Gillette, WY	\$1200
Andrew Scott Robbins	INCFR	ENUN	Cheyenne, WY	\$1200
Adam Christopher Ryberg	INCFR	ENUN	Ralston, WY	\$1200
Christopher L. Schultz	INCFR	CVLE	Cody, WY	\$1200
Cameron T. Smith	INCFR	ME	Sheridan, WY	\$1200
Heidi Marie Svenkeson	SO	ME	Forest Lake, MN	\$4000
Holly L. Till	INCFR	ENUN	Cheyenne, WY	\$1200
Kyle S. Tottingham	INCFR	ENUN	Cheyenne, WY	\$1200
Luke Allen Tschacher	JR	EE	Newcastle, WY	\$1500

Chris T. Wagner	INCFR	ME	Kemmerer, WY	\$1200
Shannon C. Wagner	INCFR	ENUN	Cheyenne, WY	\$1200
Siluni Lakshika Wickramathilaka	FR	CHE	Colombo, Sri Lanka	\$4000
Benjamin R. Wilburn	INCFR	ENUN	Nazareth, PA	\$4000
Kody K. Willman	INCFR	CPEN	Cheyenne, WY	\$1200
Jessica S. Willoughby	INCFR	ARE	Pine Bluffs, WY	\$1200

### **ROGER G. WING MEMORIAL SCHOLARSHIP**

The Roger G. Wing Scholarship was established in December 1997 by Wayman (BS/CE '47) and Eugenia Wing, a month after the tragic death of their beloved only son. Born in Bronxville, New York, in 1953, Roger was a graduate of Avon Old Farm School in Avon, Connecticut, and at the time of his death, managed a successful builder/developer company, Wing and Associates, in Bellevue, Washington.

The Wings have deep family ties in Evanston, WY, and Roger appreciated those family roots. He actively participated in administering the Wong Gin Wing Family Scholarship Trust through Uinta County School District #1. As a trustee, he annually helped select a deserving high school senior who wished to attend the University of Wyoming. Roger, who also had a home in Steamboat Springs, Colorado, made a point to attend UW functions with his parents whenever possible. His boyish enthusiasm and obvious love for his parents won him many friends at the University.

As his only sister, Dr. Sandra Wing, said in a letter to friends "It was very sad to let him go, but we knew in our hearts that Roger, whose first love had always been river rafting, had chosen to start a new journey—he is scouting a new river in a new frontier." His parents and friends have chosen to extend the frontiers of education in his memory.

Derrek J. Williams	JR	EE	Powell, WY	\$1100
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### **WONG GIN WING FAMILY SCHOLARSHIP (2002-2003)**

Wayman Wing (Civil Engineering '47) is the oldest son of Wong Gin and Mah Shee Wing who immigrated to Evanston, WY, from China in 1918. He recalls the hardship and struggles that his parents endured, but also the values and commitment to education that his parents gave their six children. When they retired in 1968 to Berkeley, California, Mr. and Mrs. Wing left 40 years of memories and many friends in Evanston.

To honor his parents, Wayman C. Wing established this scholarship to encourage Evanston students to continue their education at UW. His firm, Wayman C. Wing Consulting Engineers, enjoys an international reputation for specialized construction, most notably for seismic design. In 1970 he was selected to receive the UW Distinguished Alumni Award, and in 1992 the Wayman C. and Eugenia Wing Civil Engineering Classroom was named in recognition of the Wings' commitment to engineering programs and the H.T. Person Endowment. The Evanston school district administers the scholarship and selects the high school senior who is the recipient of the Wing Family Scholarship.

Troy Hutchinson	FR	CHE	Evanston, WY	
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### **RICHARD G. WUNDER ELECTRICAL ENGINEERING SCHOLARSHIP**

Richard G. Wunder received a degree in electrical engineering from UW in 1969. He was employed by US WEST in Cheyenne as the manager of electrical protection until the time of his death in 1992. Before he died, Mr. Wunder and his wife, Sandra, established a living trust which will eventually leave a substantial part of their estate to this scholarship endowment. This endowed scholarship was funded with memorials from Mr. Wunder's family and friends. Mrs. Wunder continues to generously fund

the scholarship. This scholarship honors the career and life of Richard G. Wunder and is intended to assist worthy young men and women in achieving their educational goals. The scholarship is awarded to juniors and seniors majoring in electrical engineering.

Fred H. Savage	JR	EE	Casper, WY	\$1000
Jeff M. Wendt	SR	EE	Laramie, WY	\$800

**WYOMING CONTRACTORS ASSOCIATION SCHOLARSHIP (2002-2003)**

This scholarship is awarded to students who are pursuing a career in the construction industry or engineering with a desire to locate in Wyoming upon graduation. The Wyoming Contractors Association scholarship committee chooses the recipient.

Recipient to be announced at a later date.

**WYOMING ENGINEERING SOCIETY SCHOLARSHIP**

The Wyoming Engineering Society is an organization of engineers and surveyors from private practice, industry, government and academia throughout Wyoming. The 690 members enthusiastically support the College of Engineering in a variety of ways, including financial support for scholarships, as well as the annual WES Student Engineer of the Year Award. Most of the organization’s financial expenditures are in support of the College of Engineering. The members of the Scholarship Committee interview the candidates and select the recipients.

Michael Gonzales	JR	ARE	Laramie, WY	\$1000
Raelynn Hoekema	SR	ARE	Sidney, NB	\$1000
Jonah V. Kliever	INCFR	EE	Powell, WY	\$1000

**WYOMING ENGINEERING SOCIETY CARL OSLUND ENGINEERING SCHOLARSHIP**

This scholarship was established to promote the surveying profession and encourage students to pursue the academic requirements to become a Professional Land Surveyor.

Carl Oslund was born and raised in Cheyenne. In the 1930s he became a surveyor and was one of the early surveyors of the Yellowstone National Park road system. Mr. Oslund was a longtime member of the Wyoming Engineering Society and served as the society’s president in 1965-66. Carl Oslund died in 1994, and his children, Pete and Penny Oslund, established this scholarship to recognize his career in engineering and his interest in education. The scholarship is administered by the Wyoming Engineering Society and the organization’s Scholarship Committee selects a UW engineering student to receive the scholarship.

Kim Y. Nicholas	SO	CHE	Laramie, WY	\$1000
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**WYOMING ENGINEERING SOCIETY PAST PRESIDENT’S SCHOLARSHIP**

This scholarship fund was initially established with memorials to Dale Vandenburg, a past president of the Wyoming Engineering Society. Over the years other families of past presidents have requested that memorial gifts be given to this scholarship fund. Living past presidents of WES also contribute to the fund. The WES Scholarship Committee chooses the recipients.

Mindy S. Martin	JR	ARE	Casper, WY	\$1500
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## WYOMING ENGINEERING SOCIETY SURVEYORS SCHOLARSHIP

This scholarship was established to promote the surveying profession and encourage students to pursue the academic requirements to become a Professional Land Surveyor. The WES Scholarship Committee selects the recipients.

Recipient to be announced at a later date.

## WYOMING SOCIETY OF PROFESSIONAL ENGINEERS ABPLANALB MEMORIAL SCHOLARSHIP

The Wyoming Society of Professional Engineers consists of registered professional engineers throughout Wyoming. The Society is dedicated to the promotion and advancement of the profession of engineering as a social and an economic influence vital to the welfare of the community and of all mankind. The scholarship program has been established to assist a UW engineering student, and the recipient is chosen by the College of Engineering and approved by the WSPE Scholarship Committee. The recipient must be a junior, with a GPA of 3.5 or better, and a graduate of a Wyoming high school.

Joshua Levi Kilpatrick	SO	CVLE	Jackson, WY	\$1000
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## WYOMING SOCIETY OF PROFESSIONAL ENGINEERS SCHOLARSHIP — SOUTHWEST CHAPTER

This group of professional engineers consists of city, county, industrial and consulting engineers in Sweetwater, Uinta, Lincoln, Sublette and Teton counties. Since the scholarship is supported by donations from chapter members, business and industry in these counties, the scholarship is limited to students from these counties. The scholarship is awarded to a junior or senior engineering student and is chosen by the WSPE Southwest Chapter scholarship committee.

Eric Debenham	JR	EE	Evanston, WY (2002-2003)	
Derek A. Johnson	TRANS	CVLE	Thayne, WY	\$500

## AARON LEE YEO MEMORIAL SCHOLARSHIP IN CHEMICAL ENGINEERING

Aaron was the top junior in chemical engineering when he died of leukemia in the spring of 1986. To honor his memory, the chemical engineering faculty established this scholarship. It is awarded to a student having the personal and academic qualities represented by Aaron. Substantial contributions from the Yeo family continue to make this scholarship possible.

Andrew C. Bastian	FR	CHE	Lyman, NE	\$1500
Kim Y. Nicholas	SO	CHE	Laramie, WY	\$1500



# MEMBERS OF TAU BETA PI

## Wyoming Alpha Chapter

### ARCHITECTURAL

Michael Bellamy  
Joshua Cabot  
Jayme Dark  
Patrick Davis  
Michael Gonzales  
Lauren Grenz  
Raelynn Hoekema  
Ryan Kobbe  
David Maestas  
Mindy Martin  
Jessica McGahan  
Ryan Meador  
Leandra Merritt  
Benjamin Palmer  
Nicholas Pickering  
Justin Pruis  
Christine Robinson  
Scott Rosemann  
Benjamin Schlup  
Codi Schoch  
Ken Urbanek  
John Wilson  
Hunter Wychgram

### CHEMICAL/PETROLEUM

Jeffrey Carlson  
Erik Edgar  
Vusal Fataliyev  
Benjamin FitzPatrick  
Brian Harwood  
Xudong Hu  
Xiongbo Lu  
Richard Pribyl  
Muthukumarappan  
Ramurthy  
Richard Sherman  
Gregg Sullivan  
Sarah Vogt  
Wenyuan Wu

### CIVIL

Deidre Bennett  
Steven Carter  
Jason Delaney  
Isaac Finkle  
Trenton Franz  
Robert Hood  
William Kunz  
Nicholas Larsen  
Crystal Lesmeister  
John McBride  
Joshua Miller  
Ryan Rayda  
William Reedy  
Danielle Tripp  
Tyrel West  
Chris Wolffong

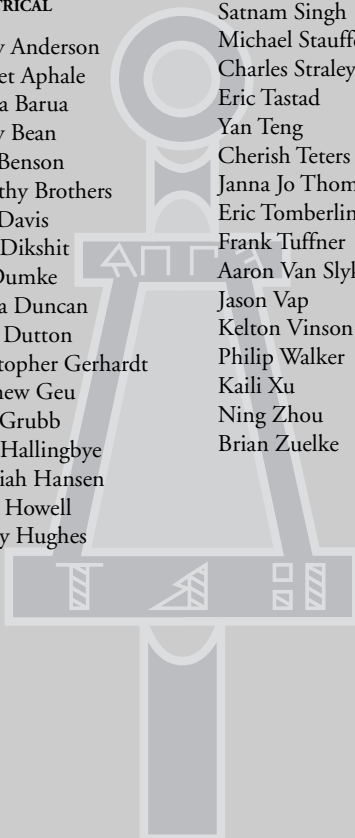
### ELECTRICAL

Jeffrey Anderson  
Sumeet Aphale  
Sutapa Barua  
Jeffrey Bean  
John Benson  
Timothy Brothers  
John Davis  
Amit Dikshit  
Joel Dumke  
Joshua Duncan  
Brian Dutton  
Christopher Gerhardt  
Matthew Geu  
Jared Grubb  
Thor Hallingbye  
Jeremiah Hansen  
Lucas Howell  
Jeremy Hughes

Scott Jacobs  
Thomas Kunkel  
Irene Legowski  
Weixia Li  
Hongkang Liang  
Dustin Ludwig  
Barry Mather  
Steven Mawhorter  
Jedediah Moore  
Jeremy Moyle  
Brian Myhre  
Andrew Nelson  
David Poulson  
Thomas Rice  
Dylan Riley  
Lance Riley  
Jody Riskowski  
Saptarshi Sengupta  
Jaspal Singh  
Satnam Singh  
Michael Stauffer  
Charles Straley  
Eric Tastad  
Yan Teng  
Cherish Teters  
Janna Jo Thomas  
Eric Tomberlin  
Frank Tuffner  
Aaron Van Slyke  
Jason Vap  
Kelton Vinson  
Philip Walker  
Kaili Xu  
Ning Zhou  
Brian Zuelke

### MECHANICAL

Andrea Adams  
Harold Bailey  
David Bishop  
Kelly Brennan  
Benjamin Coburn  
Kari Cowden  
Loren Crook  
Brian Durtschi  
Ray Fertig  
Scott Fillerup  
Robert Gilchrist  
Erin Hennings  
Ross Hirschberger  
Patrick Ley  
Daniel Loibl  
Kevin Luke  
Stephen Lynch  
Lindsey Mehlhaff  
Brian Pischke  
Stephanie Popp  
James Robinson  
Jennifer Shuster  
Ryan Smoot  
Walter Sopkowicz  
Paul Teini



## TAU BETA PI



### 2002-2003 OFFICERS

President	Janna Jo Thomas	Afton, WY
Vice President, Banquet	Andrea Adams	Riverton, WY
Vice President, Projects	David Bishop	Laramie, WY
Corresponding Secretary	Jessica McGahan	Sheridan, WY
Treasurer	Aaron Van Slyke	Laramie, WY
Recording Secretary	Benjamin FitzPatrick	Los Alamos, NM
JEC	Josh Miller	Dayton, OH
	Christine Robinson	Mills, WY
	Codi Schoch	Evanston, WY
Tutoring Director	Sarah Vogt	Rolla, MO
Webmaster	Ken Urbanek	Lander, WY

### BANQUET COMMITTEES

Chairman	Andrea Adams	Riverton, WY
Awards	Kari Cowden	Laramie, WY
	Brian Harwood	Kemmerer, WY
Booklet	Benjamin FitzPatrick	Los Alamos, NM
Site	Codi Schoch	Evanston, WY
Freshmen Welcoming	Jessica McGahan	Sheridan, WY
	Jody Riskowski	Kearney, NE

*Advisors, Dr. Sally Steadman, Dr. Ray Jacquot, Dr. John Pierre, Dr. Steve Barrett, Jack Meena*

## ASUW



### 2002-2003 ENGINEERING SENATORS

Jeff Bean	Electrical Engineering	Casper, WY
Scott Cook	Architectural Engineering	Laramie, WY
Mindy Martin	Architectural Engineering	Casper, WY
Michelle Zunker	Mechanical Engineering	Elizabeth, CO

### JOINT ENGINEERING COUNCIL



### 2002-2003 OFFICERS

President	Erin Anderson	Colorado Spring, CO
Vice President	Scott Rosemann	Kansas City, MO
Secretary/Treasurer	Kelli Weisbecker	Wheatland, WY

*Advisor, Dr. David Whitman*

## HISTORY OF TAU BETA PI



Tau Beta Pi began at the University of Wyoming in 1920 as Zeta Phi, a local honorary society for junior and senior engineering students. In 1932, Zeta Phi was chartered as the Omega chapter of the Sigma Tau national honorary engineering fraternity, and a pyramid and rail monument was erected at the entrance to the Engineering Building to commemorate the society. In 1974, the Sigma Tau Fraternity was merged into the Tau Beta Pi Association, and the present Wyoming Alpha chapter was officially formed on April 19, 1974. At this time, the monument was modified to include the bronze Tau Beta Pi bent. At the University of Wyoming, 1573 members have been initiated into Sigma Tau, and Wyoming Alpha chapter of Tau Beta Pi has initiated 1429 members.

The members of Tau Beta Pi participate in activities that benefit the College of Engineering and the community, and that add to the liberal education of engineering students. Each semester Tau Beta Pi sponsors a blood drive and provides tutoring for freshman and sophomore courses; the members organize the Engineering Honors Banquet held in the Spring and recognize outstanding students and professionals. The chapter conducted an Engineering Futures seminar on Teaming for UW students and assisted with pre-college programs such as tours for elementary school students, MATHCOUNTS, and Science Fairs. They also serve as coaches for the Little Kickers soccer program.

The national engineering honorary, Tau Beta Pi, recognized the University of Wyoming chapter as the outstanding chapter in 2002, with the R.C. Matthews Award. Wyoming Alpha was selected from 224 chapters nationwide as the chapter best demonstrating the goals of Tau Beta Pi. The chapter was recognized again this year with honorable mention for the R.C. Matthews Award.



