

LAMBDA

Utah
Petition
1919.

WE ARE THE  SONS OF UTAH.

E. PLURIBUS. UNUM

Salt Lake City, Utah
Nov. 24, 1919

Mr. Brick J. Schrader
Grand Regent, Theta Tau
Yerrington, Nevada.

Dear Sir:

In presenting to you a formal petition for a charter under Theta Tau, it might be well to say a word concerning the U-Techs and the University of Utah.

The constitution of the U-Techs provides that membership shall be by unanimous vote, and is limited to Senior and Junior students of the School of Mines and Engineering. The policy has been to limit the number of active members to fifteen, but this year, on account of the number of returned senior members from former years, the present chapter numbers twenty-four.

The organization was founded at the University of Utah in the spring of 1911, when the founders adopted the constitution of the U-Techs.

*Respectfully,
Passed 11th Biennial.
To Membership numbers
XXX.*

THE CONSTITUTION OF THE "U" TECHS.

ARTICLE I. Name and Object.

Section 1. This Society shall be known as the "U" Techs of the University of Utah.

Section 2. The object of this society shall be to promote interest in, and discussion of practical engineering problems.

ARTICLE 2. Qualifications of Members.

Section 1. Students registered in the school of mines and engineering of the University of Utah, who are in full standing as juniors or seniors, or graduate students and have been in residence at the University of Utah for one quarter are eligible for active membership.

Section 2. Members of the faculty of the School of Mines and Engineering of the University of Utah are eligible for honorary membership.

ARTICLE 3. Officers; duties; Elections.

Section 1. Officers shall be a President, a Vice President, and a Secretary-Treasurer.

Section 2. The president shall preside at all meetings. He shall appoint all committees unless otherwise specified. He shall act as chairman of the committee on membership, and shall be an ex-officio member of all other committees.

Section 3. The Vice president shall assist and advise the President in carrying out his duties and in the absence of the President shall preside at all meetings.

Section 4. The Secretary-Treasurer shall keep a true record of all proceedings of the body. He shall handle all correspondence of the society in his official capacity; shall keep all papers of the society under his supervision. He shall collect, receive and be responsible for all money due the society; pay all bills upon warrant signed by the president, shall keep an itemized account of all receipts, and disbursements and shall present an annual report at the annual meeting.

Section 5. All officers for the ensuing school year shall be elected at the annual meeting of the current school year, and shall take office at the first meeting of the ensuing year.

Section 6. At the annual meeting of the committee of membership, shall present the names of all Sophomores, Juniors, and members of the Faculty of the School of Mines and Engineering and from among these members shall be elected. A unanimous vote is necessary for election. Upon election they shall be notified by the Secretary-Treasurer that if they return to school the following year they will become members of the society. That all names must be presented at the last meeting preceding the annual meeting. That a special election may be called by a two-thirds vote of all active members.

ARTICLE 4.
Meetings, Quorum and Amendments.

Section 1. Regular meeting shall be held on the first and third Thursdays during the school year. The last meeting of the school year shall be the annual meeting. The President may call a special meeting at any time; the Secretary-Treasurer shall assist him in notifying of the special meeting.

Section 2. A majority of the active members shall constitute a quorum.

Section 3. Assessments may be levied by a two-thirds vote.

Section 4. A two-thirds vote of all active members shall be required to amend this constitution.

Section 5. Any proposed amendment to this constitution must be submitted in writing at a meeting at least two weeks before any vote can be taken upon it.

BY-LAWS.

Article I.

Section 1. Dues. The annual dues of members shall be One Dollar and shall become delinquent at the second meeting of the school year, or the second meeting after their election.

Section 2. Initiation Dues. The initiation fee shall be Two Dollars and Fifty cents.

Section 3. Order of Business. The order of business shall be:
1- Roll Call; 2- Reading of Minutes; 3- Reports of Committees;
4- Unfinished Business; 5- New Business; 6- Election of Officers;
7- Election of Members; 8- Entertainment; 9- Adjournment.

Article 2.

Section 1. Oaths. The new officers shall take the following oath of office: "I do hereby solemnly swear in accepting this office to faithfully and earnestly fulfill the duties pertaining thereto and to uphold the constitution and abide by the laws of this society, so help me God."

Since the founding, the society has grown steadily and strongly. The alumni association includes men prominent in all lines of engineering endeavor in the west as can be readily seen from the following list of,

ALUMNI OF THE ENGINEERS.

1919

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|--------------------|---|
| Allen, F. L. | 406 Hudson Bldg, Ogden Utah, B. S. in C. E. 1918; U. S. Bureau of Public Roads, High way Engineer; Member American Association Engineers and Utah Society of Engineers; School activities, baseball and Asst. Editor Utonian. Charter member U-Techs. |
| Argyle, William R. | Spanish Fork, Utah. |
| Banning, F. A. | Residence, 610-11th, Ave. So.ampa, Idaho. Room 4177 Arcade Bldg. Seattle, Washington. Draftsman & Shop Foreman C.R.R. Pocatello Idaho, 1 year; Draftsman, checker and designer C.R.R. & P.R.R. Silvis, Ill.; Master Steamfitter & plumber, Pocatello, 3 years; Machinist and estimator, U.S. Navy yard, 1 year; Encl. Asst. Engineer, U.S.S. "Dacon", Present; B.S. in Mechanical Eng'g, 1918; Baseball and Yellmaster while at school. |
| X Banning, Ed. A. | c/a Jaques Mfg. Co. Chicago, Illinois. |
| Besley, S. H. | 707 9th Ave. Salt Lake City, Utah. |
| Bolin, Mils. O. D. | 248 University Street, Salt Lake City, Utah. B.S. in Metallurgy, 1918; Research Fellow, U.S. Bureau of mines at University of Utah, 3 mo. Chemical Engineer, Florence Mining and Milling Co. Marysvale, Utah. Nov. 15, 1918 to Present. Scholastic Activities, Eng's Society, U-Techs. Chemistry Club, Pi Kappa Alpha Frat., Senior Class Officer, Freshman Dramatics, and Varsity Dramatics 4 years. |
| Baichvell, C. | Keele, Utah. |
| Borquist, E. S. | 660 E. 2nd, East, Provo, Utah. B.S. in C.E. 1911; C.E. 1917; Junior Engineer U.S. Reclamation Service, 2 yrs.; Hydrographer 1 yr.; Engineer Utah State Engine ring Dept. 1 Yr. Water Commission U.S. Federal Court, 3 yrs. 1st. Lt. in Engineers, U.S. Army 3yrs.; At present resident Engineer on Construction Rute Dem. State Land Board; Member Utah Society Engineers. |
| Burton, Clarence | 252 So. 18 East Salt Lake City, Utah. |
| Bachman, Edward | c/a General Electric Co. Rialto Building, San Francisco, Cal. B. S. in E. E., 1916; |

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Since graduation has held following positions; Test Engineer and student at Westinghouse E. & M. Co. East Pittsburgh, Pa.; Student Engineer General Electric Co.; Designing Engineer Transformer and Regulator Engineering Dept. General Electric Co. Pittsfield and Fort Wayne Works; Special Transformer Engineer Cincinnati Transformer Specialist and Commercial Representative, G-E Co. Pittsfield, temporarily on the Pacific Coast; Special Radio Instructor for U. S. Army Signal Corps Officer's Training School, Yale University, New Haven, Conn.

- Brighton, Thomas B. B.S.-OH. E. 1913. '16 M.S. OH. E.; '17 Ph. D. 561 4th Ave, Salt Lake City, Utah. Instructor in Chem. University of Utah, 1 yr.; Asst. Prof. Byrs. Thomson Fellowship University of Cal. Now Prof. in the Chemistry Department of the University of Utah.; Phi Lambda Upsilon Frat., Alpha Chi Sigma., American Chem. Soc.; Utah Society of Engineers, A. A. A. S.
- Cole, Winslow C. B. S. in C. E. '13.; Burley, Idaho. Athletic Coach and instructor of Math. at Payson High School for five years; One summer with the State Road commission; Six months with Caldwell & Richards; Doing Drainage work; 8 months with U. S. Army; Seven months with Utah-Idaho Sugar Co., Surveying & Construction work.
- Clyde, Wilford W. B.S. in E.E. 1915; Storrs, Carbon Co., Utah. Utah Power & Light Co. 1yr.; Mgr. Springville Municipal Electric Light System, 1 yr.; Chief Engineer Spring Canyon Coal Co. 4 yrs.; Member Utah Society of Engineers, Associate Member A. I. E. E.
- Coffman, Fred Junior at University, Spring 1915.; Kopenish, Washington; Residence Springville, Utah; U.S. Government, Subdividing land, 1 yr.; From May 1917 to date with the Utah-Idaho Sugar Co. beginning as surveyor and at present Asst. Construction Engineer; Class Treasurer 1915, Sec'y U-Techs 1914-5.
- Dinsmore, Burton F. B.S. in E.E. 1912; 215 Hooken Bldg, Ogden, U.; Residence 359 26th Street Ogden, Utah; 1912 Engineer Moran Constructing Co.; 1913 Engineer, Continental Contracting Co.; 1914 Mgr. Utah Interlocking Block Co.; 1915-6-7 Mgr. C. F. Dinsmore & Co.; 1918 Supt. W. E. Wood Co., Detroit; 1919 Mgr. C. F. Dinsmore & Co., also Dist. Mgr. Green Machinery & Mfg. Co.; Pres. of U-Techs 1911-2 and Vice Pres. U of U Eng's Society.

- 1919
- Davis, Ross Wm. B.S. in E.E. 1919; 265 1 Street Salt Lake City, Ut.; Substation Operator Utah Power & Light Co. 2 1/2 yrs.; Now with the Phoenix Utility Co., Electrical Draftsman; Phi Alpha Epsilon Frat.; Treasurer and Vice Pres. Eng'g Society of U of U; Vice Pres. & Corres. Sec'y U-Techs 1919; Now Secy. U-Techs Alumni Association; U. S. Engineers Corps.
- Frith, Chas. Wm. B.S. in Mining Eng'g. 1918; M.S. in Met. '17; 404 So. 6th East, Salt Lake City, Or Silver City, Utah; 1917-8 Metallurgist, Tintic Milling Co.; 1918-19 Lt. in U. S. Army, C.A.C.; 1919 to present Metallurgist, Tintic Milling Co.; Member A. I. M. M. E.
- Forrest, Spencer E. 1917 completed Junior year at University of Utah; Alpine, Utah, c/a Utah Power & Light Co.; 2nd Lt. U.S. Army, A.S.A.; 1917-19; Jan. 1919 to present operating and repairing Substation, Utah Power And Light Co.; Pi Kappa Alpha Frat.
- Ferron, Robert D. B.S. in Geology 1914; Myton, Utah; Braden Copper for for 3 yrs.; At present Mining Engineer, Santiago, Chili, S. A.; Student mgr. Athletics 1913-14.
- Franke, John A. B.S. in Mining Eng'g 1917; Bureka, Utah; Ass't Engineer, Utah Metal & Tunnel Co., 6 months; One and one half years in U.S. Army; Theta Sigma Frat.; Varsity Baseball 3 yrs.
- Glanier, Forrest S. B.S. in E.E. 1917; Box 226, Provo, Utah; May 18, 1917 to Mar. 1919 2nd Lt. C.A. C., U.S. Army; April 1919 to present Field Draftsman U.S. Bureau of Public Roads; Student Member A. I. E.E.
- Greestock, Harold L. B.S. in Mining Eng'g. 1917; 427 B-Street, Salt Lake City, Ut.; Fellowship, U.S. Bureau of Mines, University of Idaho, July to Nov. 1917; In poor health ever since; Theta Sigma Frat.; Delta Sigma Chi, Frat. (Professional); Pres. U-Techs 1916-17; Treas. Junior Class; Usonian Staff; In Band; Judge in Student Court.
- Johnson, Arthur I. B.S. in C.E. 1917; 251 So. 4th East, Salt Lake City, Utah; 1st. Lt. Coast Artillery Corps for 1 yr. & 10 months; Asst. Engineer of Continental Construction Co. from March 12, 1919 to date; Member Phi Alpha Epsilon, Frat.; Ute Club; Utah Engineering Society; Freshman Football.

- 1919
- Hart, Guy A. B.S. in C.E. 1913. C.E. in 1916.
E.O. Box 1185, Montgomery, Alabama. Drainage
Engineer, Bureau of Public Roads, U.S. Dept.
of Agriculture, from 1916 to present.
- Hall, Hubert C. B.S. in C.E. 1918; 563 8th Ave., Salt Lake
City, Utah; Engineer Corps for 10 months;
How road Engineer, Salt Lake Co.; Member of
American Association of Engineers.
- Hayward, William G. B.S. in C.E. 1916; 2nd Lt. Engineer Corps,
U.S. Army; Location Engineer, Oregon Highway
Commission, at present.
- Knowlton, Ezra C. B.S. in C.E. 1916; Sandy, Utah; Field
Engineer for State Road Commission for the
past two years; Basketball for three years while
at college.
- Kunk, J. Carlyle B.S. in General Eng'g. 1915; Box 155, Manti,
Utah; Instructor in Math. & Physics at High
School, Manti, Utah; Doing drafting and
Electric work in the summer months.
- Meadows, Stephen R. B.S. in E.E. 1917; 205 Georgia St. Eapa, Cal.;
May 1917 to Oct. 1917 installing machinery for
Lynch-Cannon Co., Cornish, Ut.; Oct. 1917 to
April '18 with O.S.L.R.R. Electric Motor Car
Dept.; From April to present U.S. Navy Yard;
Member A.I.E.E.
- Mickelson, W. B.S. in General Engineering 1913; 227 Felton
St. New York City, N. Y.; O.S.L.R.R. Eng'g
Dept. 1 yr.; General Surveying 1 yr.; Inter-
state Commerce Commission, Dept. of Valuation,
1 yr.; Standard Conveyor Co. for 3 yrs.;
Member Utah Society of Engineers.
- Marthakis, P. S. B.S. in Gen. Eng'g. 1916; M.S. in 1916;
1327 East 2nd So.; Instructor in Math. &
Science at Bingham High School.
- Nelson, Heber S. B.S. in E.E. 1919; 1648 So. 4th East, Salt
Lake City, Utah; Mgr. of Varsity Dramatics
while in school; Junior member American Assoc.
of Engineers.
- Perman, Roy F. B.S. in E.E. 1918; Woods Cross, Utah; 2nd Lt.
in Engineers Corps; Since Jan. 1919 with the
General Electric Co. at Pittsfield, Mass.;
Student member A.I.E.E.
- Ferry, R. Allen B.S. in Metallurgy 1919; 342 East 45th South,
Salt Lake City, Utah; or Salmon City, Idaho;
With Fope Shannon Mining Co. at present;
Member (student) American Association Engineers,
A.I.E.E.E.; Pres. of U-Techs 1918-19.

Standard Mechanical Code Engineering Service

1919

- Robinson, Richard W. B.S. in E.E. 1918; Instructor in Math. in High School until June 1919; Since then with the Utah Power and Light Co. as Draftsman.
- Raddatz, Edw. A. B.S. in General Eng'g. 1916; #19 Harton Place, Salt Lake City, Utah; Concrete Design with the State Road Commission Summer and Fall 1916; Utah Copper Co. 1 yr.; 20 months in U.S. Service A.E.F.; At present with Dinmore Engineering & Constructing Co.; Phi Delta Theta Frat.; Skull and Bones, Owl and Key.
- Roche, Maurice E. B.S. in C.E. 1919; 256 So. 11th East Salt Lake City, Utah; At present with E.J. Moran Contracting Co.; Member A.A.E.; Phi Alpha Epsilon Frat.; Football, Class officer, Bee-Hive Club; Pres. Engineering Society U. of U; Chief Justice Student Court.
- Sutton, Fred A. B.S. in M.E. 1917; 1542 East 5th So. Salt Lake City, Utah; U.S. Army Engineer Corps, A.E.F. 1917-18; Chemist for State Road Commission 1918; Theta Sigma Frat.; Pres., Sec'y and Treas. of the Engineering Society of the U. of U during school years.
- Shidel, H. R. B.S. in Geology 1915; 426 Douglas Ave. Salt Lake City, Utah; July 1915 to March 1916 with Wall Mines & Mill Co.; March 1916 to present Geologist for Empire Gas & Fuel Co.; Member A.I.M.S. M.E. and American Assoc. of Petroleum Geologists.
- Sholes, Warren B. B.S. in Mining 1917; M.S. Met. 1918; R.F.D. #3 Murray, Utah; Sgt. Engineers Corps, U.S. Army, A.E.F.; Since Feb. 1919 Levelman, Salt Lake Co.; Theta Sigma Frat.
- Spriggs, Herbert S. Left School at end of Junior year to enlist; Eureka, Utah; Member Theta Sigma Frat.; Won letter in Baseball.
- Scott, George F. B.S. in Mining 1915; M.S. in Mining 1916; Tonopah, Nevada; Geologist, Emma Copper Co. 1 yr.; Shift Boss, West End Con., Tonopah, Nev.; Phi Alpha Epsilon Frat.; Mgr. of Athletics, 1 yr.
- Sloan, Eugene W. B.S. in E.E. 1919; 272 C St. Salt Lake City, UT.; Member Sigma Chi Frat.; Student Member of A.A.E.; Senior Class Pres. '19; Will attend Boston Tech. 1919-20.

Handwritten note: Edward H. Anderson Civil Engineering School

- Williams, Clyde E. B.S. in Ch. E. 1916; 308 Ferry Ave., Niagara Falls, N.Y.; Chemist, U.S. Smelting Co. Midvale, Ut. 1 yr.; Chief Chemist, Santa Fe Gold and Copper Co.; Union Assay Office, Salt Lake City, Ut.; U.S. Bureau of Mines, at Salt Lake City, Seattle and Ithaca; Hooker Electrochemical Co., Niagara Falls N.Y. at present; American Chemical Society; American Electrochemical Soc.; Sigma Chi Frat.;
- Wardrop, Grover O. B.S. in E.E. 1915; 333 Washington Ave., Muskegon, Mich.; Utah Power & Light Co., Draftsman, 1 yr.; Elect. & Mach. Draftsman, for Phoenix Construction Co. 2 yrs.; War Dept. U.S.A. Nitro, W. Va. Engineer Director's Office; At present Asst. Experimental Engineer; Sigma Chi Frat.
- Young, Marshall B.S. in Metallurgy 1919; 67 E St. Salt Lake City, Ut.; Absent one year from school, employed as draftsman and inspecting engineer in Water Dept. E.E.C. Nitro, W. Va.; At present with Scott & Welch, Architects & Engineers; Student member A.A.E.
- Winn, Herman F. B.S. in C.E. 1919; B.S. at E.Y.U. 1917; Nephi, Ut.; With U.S. Bureau of public roads during the summer; At present employed by the Spring Canyon Coal Co., doing engineering work; Student member A.A.E.; Member Phi Alpha Epsilon Frat.; Service in Engineers Corps.
- Mortensen, Charles H. B.S. in C.E. 1919; Ephraim, Utah; With U.S. Bureau of Public Roads, as field Draftsman; Student member A.A.E.; Engineers Corps.
- Robertson, Glen D. B.S. in Ch.E. 1919; Payson, Utah; U.S. Bureau of mines, University of Utah; Student member A.A.E.; Member Phi Delta Theta Frat.; Sgt. S.A.E.C.
- Gillis, R. A. Left school before graduating; 29 So. 6th East, Salt Lake City, Ut.; Engineer in Charge of road construction, Salt Lake County, Utah; Student member A.A.E.
- Lambert, Gerald B.S. in Geology 1919; Attending School at Berkley, Cal.; Member Pi Kappa Alpha Frat.; Pres. Student body 1919; Pres. 1916-6 class.
- Karriek, Lewis B.S. in Mining 1917; P.O. Box 11945, Salt Lake City, Ut.; From 1907 to 1917 attended the University intermittently and was supt. of Nephi Plaster & Mfg. Co.; From May 1917 to June 1919 was Captain in 316th Engineers, 91st Division A.E.F.; Member Sigma Chi Frat. Played football and did track work.

Charles H. Mortensen Civil Engineering Service

- 1919
- Barker, Howard B.S. in E.E. 1914; B.S. in C.E. 1916; 2131 South 5th East, Salt Lake City, Utah; Bridge designing, Road Commission 2 yrs.; Estimating, Continental Contracting Co. 2 yrs.; Lt. in U.S. Army, Engineer Corps; At present Structural Architect, Scott and Welch; Member of Utah Society of Engineers; Played football while at school and was V-Pres. Student body.
- Clark, Hyrum W. B.S. in E.E. 1917; 174 East South Temple, Salt Lake City, Ut.; Hydraulic Eng. for Delta Land & Water Co., 4 months; Victor American Fuel Co., Mine Electrician 4 months; U.S. Army for three months; U.S. Bureau of mines at present. Member of American Institute of Electrical Engrs. Pres. Five Year Club.
- Hayes, James John B.S. in C.E. 1911; Pleasant Grove, Utah; Engineer for State Engineer & State Road Commission; Building Inspector, O.S.L.R.R.; Principal for Seveir Co. High School, and at present principal of Kane Co. High School. Member Utah Academy of Sciences; American Chemical Soc.; American Electrochemical Soc.
- Hansen, Hols Jay B.S. in E.E. 1916; c/o Research Corporation, 65 Wall St. N.Y.C.; Service Engineer Research Corporation, to present; Associate member A.I.E.E.; Pres. Engineering Society while at school.
- Margetts, Harry R. B.S. in E.E. 1918; Salduro, Utah; Power plant engineer with Murray City Power Co. and the Utah Power & Light Co. for 4 yrs.; General Supt. in charge of potash plant for the Utah Salduro Co. Member Sigma Chi Frat.
- Love, Henry L. B.S. in Ch.E. 1914; 105 Webb St., Hammond, Ind.; Chemist, Chief Chemist, Acid Supervisor with Hercules Powder Co. three and two thirds yrs.; Chemist with Grasselli Chem. Co.; Member American Chemical Soc.; Phi Alpha Epsilon Frat.
- Pettigrew, Moses Wm. Left school at end of Junior year 1917; Fort Mills; 2nd Lt., 1st, Lt., and Captain Coast Artillery Corps, U.S. Army; Skull & Bones and member of Theta Sigma Fraternity.
- Reid, W. Spencer B.S. in Mining Engineering 1918; Garfield, Utah; Awarded fellowship Metallurgy at U of U; Will take Masters Degree this Fall; Member football team 1914-6-7; Track, 1916-7-8; Member Ute Club, Skull & Bones, Owl & Key, and the Pi Kappa Alpha Fraternity.

Charles M. Anderson Civil Engineering Senior

1919

Sutherland, J. Rodney B.S. in C.E. 1917; R.F.D. #4, Murray, Ut.; Instrument work with the U.S. Fuel Corporation, Independent Coal Co. and the Liberty Fuel Co. for 1 year; At present assistant engineer for Murray City, Utah; Member of Theta Sigma Frat.

Suzzer, R. H. B.S. in C.E. 1914; 43 Gentry Apts. Joplin, Mo.; With E.I. De Pont De Nemours & Co. as Technical Representative; Member of American Inst. Mining Eng.; Football three yrs.; Pres. Soph. Class; Chairman Prom Comitte; Sigma Chi Frat.; Beehive Club.

Wolf, W. L. B.S. in C.E. 1911; Roosevelt, Utah; With the Pacific Reclamation Co., Land Development Co., Wolf Bros. Co., Knight Invest. Co., Dry Gulch Irrigation Co.

Charles M. Anderson Civil Engineering Senior

The society meets twice a month, when prominent engineers and scientists discuss current problems of commercial importance, thus putting the students in closer touch with the engineering world.

The chapter has voted in the following:

HONORARY MEMBERS

- Dr. Jon. F. Merrill, Director of the School of Mines and Engineering, University of Utah.
- Dr. R. E. Lyman, Civil Engineering, Extension Div., University of Utah.
- Prof. R. H. Bradford, Metallurgy, University of Utah.
- Prof. E. B. Beckstrand, Mechanical Eng'g., University of Utah.
- Prof. Fred J. Cook, Geology, University of Utah.
- Prof. R. B. Ketchum, Head Civil Eng'g., University of Utah.
- Prof. R. S. Lewis, Mining, University of Utah.
- Prof. A. L. Taylor, Auto. Eng'g., University of Utah.
- Prof. Howard L. Baldwin, Surveying, University of Utah.
- Dr. W. D. Bonner, Head Chemistry Dept., University of Utah.
- Dr. Orin F. Fugman, Physics, University of Utah.
- Henry D. Moyle, Eng'g Contracts, University of Utah.

The University of Utah was founded Feb. 28, 1850 and since that time has increased gradually, in size, to an enrollment of about 1600 students. The University is located on the bench land east of Salt Lake City on a grant of 90 acres, and is noted for its beautiful, well-planned campus. Salt Lake City is the financial and industrial center of the vast mineral resources of the State of Utah. These resources are in the main, as yet undeveloped, or only partially developed, and are of the most widely varied nature. The property of the Utah Copper Company, the world's greatest copper mine is located an hours ride from Salt Lake City and is visible on a clear day, from the University campus.

In 1915 the legislature of the State of Utah created, in cooperation with the United States Bureau of Mines, a Department of Metallurgical Research to further the development of the mineral resources of the surrounding territory. Let us refer you to a descriptive bulletin of this department, and to the general catalog of the school, which are remitted under separate cover. The University is the originator of the co-operative system and her example has been followed by many schools.

We, the U-Rechs of the University of Utah do sincerely and earnestly petition the executive council of Theta Tau to be granted a charter under that fraternity and respectfully request that you, the Grand Regent, bring before the said executive council, at its next meeting, this petition, for consideration

Respectfully yours,

The U-Rechs of the University of Utah.

Member	Department	Year
<i>E. W. Watkins</i>	<i>Civil Engineering</i>	<i>Senior</i>
<i>Howard H. Haynes</i>	<i>Mines</i>	<i>Senior</i>
<i>Charles M. Anderson</i>	<i>Civil Engineering</i>	<i>Senior</i>

Member	Department	Year
Water Leaf	Chemistry	Senior
Geo L Brauning	Chemistry	Junior
A. F. Bradley	Electrical	Junior
Wm J. Walker	Mining	Junior
C. A. Trossch	Civil Engineering	Post Graduate
Miles Walls	Electrical Engineering	Senior
H. F. Baldwin, Hon.	Civil Engineering	Associate Professor
W. Blake	Mechanical Engineering	Senior
V. L. Holdaway	Mechanical Eng.	Senior
J. R. Merrill	Mechanical Eng.	Junior
C. Douglas Barnes	Chemistry	Senior
John S. Stone	Chemistry	Senior
Chas. B. Doughton, PhD	Chemistry	Asst. Professor
W. T. Benson	Mining	Senior
Ralph Gray	Chemistry & Metall.	Junior
E. H. Beckstrand	Prof. Mech. Engineering	
A. Letoy Taylor	Mech. Engineering	Asst. Prof.
John E. Leonard	Automotor	Senior
Robert S. Lewis	Prof. of Mining Engineering	
Robert H. Bradford	Prof. of Metallurgy	
R. A. Kelthum	Prof. of Civil Engineering	
Orin Ingman	Professor of Physics	
Thomas J. Parmley	Physics	Junior
Paul L. Johnson	Elect. Engg.	Junior
Joseph F. Merrill	School of M & E.	Director

Walter D. Baumel	Chemistry	Professor
Merlon L. Stevenson	Mining	Junior
Arvid E. Anderson	Chemistry	Senior
Abraham H. Hamman	Electrical	Junior
Andrew T. Jacobsen	Automotive	Junior
Herman Ott Winn	Civil	Post graduate

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