



The History of Rho Chapter, Delta Tau Delta: The Early Years – 1874-1884

Source Material

This early history represents the first 10 years of Rho Chapter at Stevens Tech from its inception in 1874. The source is a faded, very battered and hard to read copy of the Chapter Officers' Journal Notations which eventually morphed into the Rho Chronicle in 1880. I uncovered this bound copy while a graduate student at Stevens in the early 1970's, put it aside without much thought (long story) and wrote a few scattered notes for the April 15, 2000 celebration of our chapters founding. None of the journal entries, written by various chapter secretaries and officers over that decade, were signed, but there were numerous mentions of Bros. Alexander Humphreys, Stevens 2nd President and Prescott Bush, grandfather and great grandfather to two Presidents as being among the many contributors writing the document.

Sadly, I 'loaned' the Journal to a writer hired to prepare a History of Stevens Tech and it was never returned despite repeated efforts to locate it. What follows is an edited version of what I had prepared from the original document 25 years ago. Thankfully it was saved by Bro. Charlie Pihokken and returned to me earlier this year by Ed Eichhorn.

- Brother Gerry Crispin '69, '72

[All quotes below are from the original text]

Context

The times were different in 1874.

One hundred and fifty years ago the US was still recovering from the Civil War.

Manifest Destiny was a real-time debate.

The Industrial Revolution was entering its second phase and Engineering firms were the dot.coms of the day.

Thomas A. Edison was building a lab.

The students at nearby Stevens, founded only a few years before in 1871 with 30 students. knew they were entering an era of incredible opportunity with the help of a young energetic faculty. Ok. Maybe the times were not so different.

In the Beginning

"In the Fall of 1873 a movement was started to place a chapter of Theta Xi at Stevens, the work of the Rensselaer Polytechnic Institute. The new Society first showed itself in January of 1874 and soon gained a strong foothold in the classes of '76 and '77 and made its influence felt in class politics, and in the affairs of the Athletics Association."



“It was largely with a view of counteracting this influence, that a movement was begun among several prominent members of '76 and '77 to establish a new fraternity. James B. Pierce '77 was perhaps the most influential and, having become acquainted with the merits of Delta Tau Delta while a student of Buchtel College, as a charter member of Eta, found little difficulty in introducing John M. Wallis and William Diehl, both of '76, to join him in his efforts to procure a charter for a Delta Chapter at Stevens.”

“On May 9th 1874 Bro. Pierce in his room, 138 Hudson Street, Hoboken, admitted Bros. Wallis and Diehl and two days later Bros. Frederick E. Hilgard and Cyrus K. Potter, both of '76”. “Ours was the easternmost Chapter of the Fraternity and we thus labored under all of the difficulties which fall to the lot of the pioneer. Our nearest sister chapters, those at Lehigh and Franklin-Marshall, had been established at about the same time as our own and but little intercourse existed between us.”

“The college year of '76 –'77 began with nine members, seven of them Seniors, one Junior and one sophomore, while Bros. Denton (the first Stevens graduate to become a member of the faculty), Koezly and Beckmeyer (the assistant to Stevens' President Morton) met with the chapter as resident members. The freshman class had furnished but two new members, Bros. Bond (George Meade Bond) and Mathey”.

Realizing that a serious error had been made by failing to rush new members to replace graduating seniors, the next several years were nearly a disaster for the fledgling Chapter. Interest declined, a few personal misunderstandings occurred; and “it was expected at the end of the school year ('78) to allow the Charter to lapse.”

“The furniture was sold and the proceeds devoted to sending a delegate to the Grand Chapter at Lancaster, PA.”

The experience of connecting with other chapters was a turning point as “Bro Bruck brought back with him impressions of the Fraternity so wholly different from those which he formed at home, as to rekindle the determination in the minds of at least a few of the members that the Chapter must be preserved.”

The next Fall ('88) Walter McClurg, General Secretary of the Fraternity visited the chapter to consider the “advisability of withdrawing the charter.”

After meeting with the Bruck brothers (both were now Delts) and a half dozen other members, “McClurg reported to Alpha that Rho should have another chance.”

Support from the national followed. At the General Convention of 1879 Rho was specifically addressed and encouraged. Along with a letter from Tau chapter, that “these appeals were so eloquent that they could not fail to beneficially affect the condition of the chapter.”

In an effort to re-enlist the interest of the Alumni, an office of Alumni Secretary was created to engage in correspondence with all alumni which would shortly become the Rho Chronicles



(February, 1880). In addition, the chapter's correspondence secretary began to write to other Chapters of the Fraternity "with great success."

In fact, success was almost immediate. Bro. Rosenberg had left Stevens and became a student at RPI and wrote Rho chapter that he had been asked to become a charter member of Delta Beta Phi. "When Bro. Bruck heard of this, he immediately prevailed upon him to direct this movement toward Delta Tau Delta and hence on November 9th 1879, Bros. Rosenberg and Bruck instituted the Upsilon."

Of the next several years the importance of the Rho Chronicles cannot be understated. "The Chronicle at once proved a good enterprise and it has ever since been consistently carried on. We need say nothing to extol its merits or define its usefulness- it is too much appreciated to require any such comment."

Rho Chronicle

Here are a just few gems from the 300+ pages of the Chronicles during just 4 years:

From Vol 1 No 1, January 1880

- There were eight undergraduate brothers, 5 alumni brothers and 4 initiates. Among them were: Emanuel J. Martinez '82 (Spain), Augustin C. Arroyo '81 (Mexico) and Esteban D. Estrada '83 (Havana, Cuba)
- The first Chronicle described the following newly adopted standards to consider an individual as a brother: enthusiasm, moral character, scholarly capacity, interest and influence in college politics and wealth.
- About wealth, Bro. Bruck wrote "Last and least, in importance is wealth. Money is all very good in its place and a very good place it is, but still we want to look at all the other qualities first and to never let want of money to stand in our way in our search of good men."
- "US Naval Academy's Nautical Gazette mentioned that Bro. Stahl was still leading the class." (Stahl eventually became an important figure in the Navy and had something to do with contracts Stevens received)
- "Wiley and Sons had just published Bro. Kent's abstract of Commander Beardslee's work on the strength of chain cables."
- "Bro. Nash's water meter was described in Engineering News November, 15, 1880. The article stated that it could correctly measure pressure of a flow 1/8 inch thick."

From Vol 1 No 2, March 1880

- "Some things never change: Apparently, the Delts somehow misplaced the original copy of their constitution and it was rumored that Beta Theta Pi had pilfered it but it was roundly denied by their President Will Baird."



- “Bro. Denton has been appointed to the Stevens Faculty as Instructor in Experimental Mechanics”
- “Bro. William Diehl is engaged in the practice of Dentistry (Philadelphia)”
- “Bro. A.G. Brinkerhoff is with Willys H. Warner, Steam Heating and Ventilating in Brooklyn, NY. (Parsons, also a Bro. Later hooks up with Brinkerhoff to form Parsons and Brinkerhoff)

From Vol 1 No 3 April 1880 During the 1880's, the Delts of Rho chapter became fascinated by the history of the Fraternity. The Rho Chronicles documents in detail significant contributions in uncovering its past and a growing involvement in the Fraternity as a whole.

- “After considerable search it has been our good fortune to meet Mr. J. L. N. Hunt, Bethany '62 one of the founders of our brotherhood. It was he who prepared Bro. Denton for the Institute. He is now practicing law at #155 B'way, NY. He accorded our delegate a most cordial reception and expressed great pleasure at the condition of the Fraternity which was a great surprise to him, he having heard having heard no tidings whatever of DTD since coming East in 1866.”
- “All of our Alumni are successfully engaged as professionals
- “Bro Wm. Breath '82 is draughting for Edison, the Wizard of Menlo Park”
- “Bro. Kent recently read a paper on the metric system at the Engineers Society of Western Pennsylvania”
- “Bro. Uehling superintended the relining of No2 Furnace in Sharpville, PA”
- “Bro John Rapelje is employed as a civil engineer for the new road between New York and New Haven.”
- “Bro Suydam is connected with W.H Bowers, Engineers and Contractors, Salt Lake City, Utah”
- “Bro. Martinez has left us having secured a congenial position with Messrs. Babcock and Wilcox, Engineers, #30 Cortland Street, New York.”

From Volume 1 No 4 May 1880

- “The American Society of Mechanical Engineers was organized on Wednesday, April 7th with Prof. Thurston as President. The meeting was held in the gymnasium. Prof. Thurston's health is very improved. He has again taken to writing papers. One was read recently before the Am. Soc. Of CE on The Variations due to Orthogonal Strain in the Elastic Limit of Metals. Another before the NY Academy of Sciences on 'Carnot Place in Thermotics'. His book on the Steam Engine has been translated into French.”



From Volume II No 1 October 1880

- “We succeeded in the latter part of last year in ascertaining the current location of elder W.R. Cunningham who was one of the seven original founders of DTD. We found him by following Bro. Hunt’s directions in charge of the Church of Christ, Bates City. Lafayette Co., Mo. He had completely lost sight of the fraternity for 19 years and is well pleased to see how his child has grown. This is the second of the founders of DTD whose address was ascertained through the aid of this chapter. By correspondence with Bro. C and personal interviews with Bro.H. we are gaining quite an insight into the early history of the fraternity in regards to which so little is known.” ● “Wm. Diehl ‘76, chapter founder, is a Demonstrator; at the Operative Clinic of the Dental Department of the University of Pennsylvania
- At the first Stevens Banquet held June 16, 1880 at a Hoboken hotel the Chronicle notes that the “Keynote Speaker was Bro. Hunt, one of our seven founders.”
- “The present college year opened on Sept. 1 where the Senior, Junior and Sophomore classes devoted 8 hours p. day for 1 month to shop classes. This innovation is due to Bro. Denton; it met with a great deal of success and it was much appreciated.”(Later in the chronicles, Denton is also described and credited as the organizer of the annual Senior Inspection trip)

From Vol II No 2 November 1880

- The National Fraternity conventions from 1880 to 1884 are described in detail in the Chronicles. “In 1881 the Convention entrusted to Rho the work of designing the general fraternity seal and the manufacture of the standard set of fraternity colors, both of which duties we have promptly discharged. Bro. Bruck served for many years on various national committees and on its executive council.”

Editor’s Note: In 1883 Henry Theobald Bruck, Rho 1876, became the 1st President of the National Fraternity

- “Bro. T A. Elliott ‘80 sometime ago wrote us that it was his good fortune to meet Bro. Dr. Edward C. Hays of Bethany, 1861 who was identified with the early days of our Fraternity. The doctor left college soon after joining the fraternity and has since then entirely lost sight of DTD. He now gladly resumes his relations to old Delta Tau Delta.”
- “Elder Cunningham (Fraternity founder) has presented us with his photograph. We have also received from him a copy of his sermon on spirituality, the outgrowth of a protracted discussion some years ago with W.F.Jamieson the noted spiritualist of Chicago and, more recently a synopsis of a recent debate with the Rev. Mr. Thomson of Indiana.”



- An Extensive discussion of The 22nd Convention (of the National) in Chicago includes: “During the last afternoon session a letter was read from W. R. Cunningham, Bethany, ‘62 setting forth the fact that he had formally severed all connection with Beta Theta Pi a fraternity he joined shortly after founding our own. This communication to the convention was the result of a correspondence between Bro. Cunningham and Bro. Trautwein. In view of this fact a committee was appointed to secure like action on the part of Bros. Hunt and Love who were concerned in this movement of Bro. Cunningham.”
- “We take great pleasure in introducing to our alumni friends our recently initiated Brother James Ladd ‘81 of Brooklyn, NY who joined our fraternity on October 29th 1880. We further present to our Delta friends Samuel Prescott Bush ‘84 of Summit, NJ who was accepted into the Fraternity on November 5th, 1880.
- ***Stats for Fraternities at Stevens during its first 9 years of existence noted in the Rho Chronicle:***(excluding those enrolled for 1884):

281 enrolled,
229 survived the first year,

1. 113. pledged fraternities.

Theta Xi 42

Bates 32

Delts 39

Of 89 graduates of Stevens

Theta Xi 16

Bates 14

Delts 20

From Vol II No 3 December 1880

- A lengthy description of Bro. Hunt’s losing effort to run as a Republican in a local district election in NYC

From Vol II No 4 January 1881

- “We clip the following from the American Machinist; December, 10, 1880. In justice to George M. Bond ‘80 now with the Pratt and Whitney Co. we must say that our attention was not drawn to the article by him. Speaking of the



Comparator now being constructed by that company, Mr. F. A. Pratt, the President, says: 'We are employing seven or eight of the best mechanics we can get to construct the apparatus and not only have we these men but we also have one of the best men that Prof. Thurston has turned out at his institution (referring to Bond) to lay out and superintend the works.'

- "Engineering News; of December 18, 1880 contains an illustrated article describing the construction and principles of Bro. Lewis H. Nash's Crown Water Meter and its mode of manufacture at the works of the National meter Co. in Brooklyn"
- "Bro. Bush has been elected assistant Recording Secretary with a view to training him for the regular duties of secretaryship."

From Vol III No 5 February, 1882

- The first complete alumni directory of all Delts of Rho Chapter. 42 are listed. Among them are a future Who's Who of Stevens and include: Alexander Humphreys, Lewis Nash, James Pierce, George Bond, Edward Uehling, John Lieb and many more.

From Vol III No.7 April 1882

- The first reference to the Stevens Alumni Association and a column contributed by its director Alfred Wolfe

From Vol IV No 2 November, 1882

- "Bro. Leib is the Electrician-in-charge of the Pearl Street Central Station of the Edison Illuminating Company of New York."
- "Bros. Estrada and Stewart conducted a trial of three explosive gas engines at the Otis Elevator Works in Yonkers which became the source of much instruction."

From Vol IV No 3 December 1882

- "A committee of the ASME has examined the work of the Rogers-Bond Comparator and recommended for general adoption the system of gauges of the Pratt & Whitney Co. They highly endorse Bro. Bond's work."
- "Bro. Lieb has left for Milan Italy where he will represent the Edison Electric Light Co."

From Vol IV No. 5 March 1883

- "Brother Nash has received a US patent (Feb 6, 1883) for a new form of Explosive Gas Engine"



From Vol V No 5, January 1884

- A description of the first issue of the Alumni Indicator and a pledge to support its distribution
- “Stevens is considered 4th of the colleges which now ‘cultivate’ football. Yale, Princeton and Harvard being the first three. Columbia is next. Stevens has been invited to join the others in the Intercollegiate Football Association. Brother Torrence will represent Stevens at the annual meeting.
- “Another Association to include Rutgers, Lafayette, Lehigh, Wesleyan, Amherst, U of Pennsylvania and Stevens is planning to meet in Easton next month. Bros. Gately and Kletzsch will represent Stevens.”

From Vol V No 7, May 1884

- “Bro. Bush, ‘84. Having completed his thesis and passed all examinations, left us on May 1st to enter the service of the Pittsburgh, Chicago and St. Louis R.R. under Mr. E.B.Wall, ‘76, Superintendent of Motive Power. While we regret to lose Bro. Bush, who was our oldest active member, we rejoice at his good fortune in finding a place so readily. He goes out at the recommendation of Bro. Denton”.

These gems from our earliest history are just a hint of a rich legacy of Delt contributions that continue to this day.

In the Fall 1999 issue of the DTD National’s **Rainbow** featured the 100 most influential Delts of the 20th century were featured. Among them 5 were from Rho Chapter:

Alexander Calder 1919 who is arguably the most well-known graduate of Stevens.

Everett Frazar 1890 who represented the likes of Ford, Edison and other US manufacturers to Japan

Arthur Glasgow 1885 who pioneered gas manufacturing in the US and abroad.

Edward Uehling 1877 (often mentioned in the Chronicles) with more than 30 inventions to his credit, Uehling was a pioneer in instrumentation (pyrometer) and iron manufacturing. Clarence G. Michelis, 1907 a New York Banker who was instrumental in spearheading relief efforts to Holland in 1952.

The Morton Memorial history of Stevens highlighted 27 bios of Stevens earliest Trustees. Among them are Bros. Lieb, Uehling, Humphrey, Trautwein, Kent, Wall, Idell Bond, Nash and Parsons. All Delts.

If you subtract the Stevens family, nearly half of the trustees of Stevens were Delts!



In the last few years Bro John Dalton '60 has led the effort to establish the Rho Chapter Wall of Achievement to recognize and memorialize the accomplishments of our predecessors in Rho Chapter. The following have been recognized to date:

- **2019 – Sandy Calder, 1919, whose mobiles and stables revolutionized the 20th century art world;**
- **2020 – John W. Lieb, 1880, who electrified Manhattan, Milan and then Italy as Thomas Edison's Chief Electrician;**
- **2021 – Alexander Crombie Humphreys, 1881- Stevens's second president, founder of the Honor System and "Father of Engineering Economics;"**
- **2022 – Samuel Prescott Bush, 1884, CEO of Buckeye Steel Castings, President of the Ohio Manufacturers Association, board member of the Cleveland Federal Reserve Bank and patriarch of the Bush political family;**
- **2023 – Richard R. Roscitt, 1973, whose distinguished career in telecommunications included playing an integral role in the global expansion of broadband services;**
- **2024 – William D. Hoxie, 1889, who founded Babcock & Wilcox's marine department and served as its CEO. His contributions was key to the Institute's 1911 acquisition of Castle Stevens and the upper campus.**

The story of Rho chapter is a work in progress. Every Brother has a story.

Perhaps the final words of the Chapter Journal and Rho Chronicle from our first decade say it best: "The history of the chapter for the college year which is now so rapidly drawing toward its close, could better be made the subject of a separate paper, and having thus brought it down as it were, to modern times we can make this the point at which to end what cannot but be considered as an imperfect and hasty sketch of the most prominent events in the history of the Delta Tau Delta Fraternity at Stevens."

This is just the beginning

At one time or another Fred Bissinger, Gordon Bowen, Gerry Crispin, Steve Cuff, Ed Eichhorn, Bob Fiocco, Warren Gerleit, Greg Gianforte, Caleb Hurtt, Reiner Kuhr, Sherm Loud, Dwight Massey, Austin McCormack, John Rizzuto, John Muller, Tom Nathanson, Saumil Shah, Edwin Stevens, Mark LaRosa, Ed Mullowney, Rick Roscitt, Joel Wagoner, Joe Garvey, and long time Chairman Larry Babbio also served on the Steven's Board of Trustees.

The story of Rho chapter is not simply told. Every Brother has one.

Stories like

Len Bloss 1920, Captain of the Stevens' 1919 Football team, who one cold November day scored 9 touchdowns and kicked 8 extra points to set an unequalled record of accomplishment on the playing fields.



Brigadier General John A. Cherrey 1988, recipient of the Silver Star, Distinguished Service Medal, Distinguished Flying Cross, among many others.

Greg Gianforte, Class of 1983, Governor of Montana since 2021, former U.S. Congressman from 2017 to 2021, technology entrepreneur who sold his company to Oracle for \$1.5 billion in 2011, recipient of a Stevens Honorary Doctorate in 2012, inducted into the CRM Hall of Fame in 2007, awarded the Stevens Honor Award in 2003, and named Pacific Northwest Entrepreneur of the Year in 2003.

Buildings on the Stevens Campus Named after Rho Deltas:

Lieb Hall, Bissinger Hall, Babbio Center, Mott Hall, Hoxie House, Humphreys Hall, Morton Hall

Rho Chapter is the oldest, continuously operating chapter. They installed on May 9, 1874. The next would be Epsilon Chapter which installed on June 1, 1876. Both are currently active and have never closed/re-opened.

Below are the years the chapter won Hugh Shields and Court of Honor:

Hugh Shields

1973

1999

2000

2001

2009

Court of Honor

1973

1998

1999

2000

2001

2003

2009

3 Rho Deltas have won National's Alumni Achievement Award:



- Frederick Bissinger
Class of 1933
- Eugene Thore'
Class of 1925
- Lawrence Babbio
Class of 1966



The son of a clipper ship captain, William D. Hoxie, Class of 1889, was born in Brooklyn and educated in the public schools there. Other than being a member of Delta Tau Delta Fraternity and an avid yachtsman, little is known about his undergraduate years. He joined Babcock & Wilcox, boiler makers to the world, after graduation and spent his career there, becoming its President in 1919.

He founded the company's marine department and patented the boiler design used by World War I's Emergency Fleet Vessels. For many years, every U. S. battleship and a great many foreign ones were fitted with boilers of Hoxie's design. He also authored several articles on marine tube boilers in technical journals.

As a member of the Board of Trustees, Hoxie took the lead to save Castle Stevens. It was to be acquired in 1911, but the college's option was set to expire and there were no funds to extend it. Hoxie donated one quarter of the amount to exercise the option. Three other alumni then matched his



gift. Hoxie died on January 12, 1925, while sailing on a South American cruise. His \$50,000 bequest to Stevens provided the seed money to build a suitable home for the college's President. The cornerstone was laid on Alumni Day 1929. Hoxie House continues to serve as the President's residence.

The brothers of Rho Chapter are pleased and proud to induct Brother William D. Hoxie to the Rho Chapter Wall of Achievement on this 1st day of June 2024.



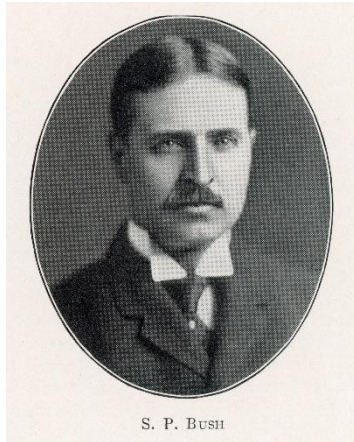
Richard R. “Rick” Roscitt, class of 1973, began a 28-year career with AT&T after graduation, rising rapidly through the ranks as the telecommunications industry enjoyed explosive growth. After navigating “Ma Bell’s” 1984 break-up, Rick became President of AT&T Solutions, then President of AT&T Business Services, the company’s largest business unit and the global leader in providing network consulting, integration, and outsourcing services.

In 2001, Rick joined ADC Telecommunications, a major supplier to the Regional Bell Operating Companies, as Chairman and CEO where he developed strategies for product and service offerings that played an integral role in the global expansion of broadband services. MCI (formerly WorldCom), the country’s second-largest long-distance telephone company, filed for bankruptcy in 2002. Rick joined MCI as President in 2003 and led the company out of bankruptcy until its 2006 acquisition by Verizon.

Rick has served on the boards of several leading telecommunications companies and the Telecommunications Industry Associations. A member of the University’s Board of Trustees since 1998, Roscitt established an Endowed Chair at the School of Business that focuses on leadership.

The brothers of Rho Chapter are pleased and proud to induct Brother Richard R. Roscitt into the Rho Chapter Wall of Achievement on this 3rd day of June 2023, on the 50th Anniversary of his graduation from Stevens.

ΔΤΔ



New Jersey native Samuel Prescott “S.P.” Bush’s father and grandfather had both graduated from Yale, but S.P.’s interest in management science and engineering led him to enroll at nearby Stevens where he excelled in class and on the athletic field in football and tennis. After his 1884 graduation, S.P. moved to Columbus Ohio for the Pennsylvania Railroad where he was an early practitioner of classmate Frederick Taylor’s scientific management principles. In 1901, he became General Manager of the Buckeye Malleable Iron & Coupler Co. (later Buckeye Steel Castings), was named CEO in 1907 and ran the company for the next twenty years.

When Ohio State University assembled its first football team, S.P. found time to serve as its assistant coach for five years. He was president of the Ohio Manufacturers Association and a board member of the Cleveland Federal Reserve Bank. Son Prescott served as Connecticut’s U.S. Senator (1952-63). S.P.’s grandson, George Herbert Walker Bush, and greatgrandson, George W. Bush, served as 41st and 43rd Presidents of the United States.



The brothers of Rho Chapter are pleased and proud to induct Brother Samuel Prescott Bush to the Rho Chapter Wall of Achievement on this

3rd day of June
2023.



Alexander Crombie Humphreys, Class of 1881, served for 25 years as Stevens' second President until his death in 1927. Born in Edinburgh, Scotland in 1851, he emigrated to America at age eight. After graduating, he became a recognized leader in gas engineering and established his own engineering firms in London and New York.

Humphreys felt it important to impart engineering students with a sense of business – a tool that would be essential in their success in all lines of manufacturing. He began teaching the first courses

on this topic in 1903 and is widely regarded as the Father of Engineering Economics.

During his term as President, the athletic field was developed, the Morton Memorial Laboratory was built, and the Carnegie Laboratory of Engineering was organized. Humphreys introduced the Stevens Honor System in 1908, then acquired Castle Point, including Castle Stevens, from the Stevens family. The Castle became the center of campus life, serving as a dormitory for students, including Brother Alexander “Sandy” Calder, Class of 1919, who resided there as a freshman before moving to the original Delt house as an upperclassman.

The brothers of Rho Chapter are pleased and proud to induct Brother Alexander Crombie Humphreys to the Rho Chapter Wall of Achievement on this 4th day of June 2022.

ΔΤΔ



John W. Lieb, Class of 1880, went to work for Thomas Edison where he was Chief Electrician for the Pearl Street central station when it opened in 1882, electrifying Manhattan. Edison then sent him to Milan where he installed Europe's first central station and served as Chief Electrician for the entire Italian Edison Company.

During his ten years in Italy, Lieb became interested in the work of Leonardo da Vinci and collected every worthwhile book, folio, pamphlet, or manuscript that he could find. The John W.

Lieb Memorial Collection of Leonardo da Vinci is housed at the Samuel C. Williams Library. It includes the *Divina Proportione* by his math tutor, Luca Pacioli (1509) with geometrical woodcut illustrations drawn by da Vinci.

The American Institute of Electrical Engineers awarded him the Edison Medal in 1923 "For the development and operation of electric central stations for illumination and power." At the time of his death in 1929, he was senior vice president of New York Edison and president of Electrical Testing Laboratories.

The brothers of Rho Chapter are pleased and proud to induct Brother John W. Lieb to the Rho Chapter Wall of Achievement on this 4th day of June 2022.



2019 marks the 100th anniversary of Brother Alexander (“Sandy”) Calder’s graduation from Stevens. Arguably the University’s most widely-known graduate, Sandy Calder’s mobiles revolutionized the 20th century art world. The son of a sculptor father and a painter mother, Calder had just turned 17 when he entered Stevens in 1915 and took up residence on the third floor of Castle Stevens.



After pledging Delta Tau Delta, he moved to the original Rho Chapter fraternity house at the north end of the athletic field. Calder treasured the friendships that he made as a brother of Delta Tau Delta.

He played on both the football and lacrosse teams and served on the Honor Board until his graduation in 1919. Calder’s yearbook noted *“It’s a rare afternoon when Sandy’s bulky form is not seen lumbering over the soil.”* Calder’s active participation in sports was an early indication of his lifelong fascination with physicality and movement, eventually manifested in his art.

An excellent student, Calder received a grade of 100% in Descriptive Geometry and his engineering notebooks were preserved for years in the scholarship files in the Delt house. These were portents of his later invention to the “mobiles” that transformed sculpture. Today, Calder’s mobiles and stabiles grace museums and public places throughout the world.

It is with the utmost respect for Brother Alexander Calder’s enormous impact on 20th century art that the brothers of Rho Chapter induct him as the first to adorn the Rho Chapter Wall of Achievement on this 1st day of June 2019.