TWENTY-YEAR BOOK OF
THE LEHIGH UNIVERSITY,
SOUTH BETHLEHEM, PENNA.

A REGISTER
OF THE
OFFICERS AND STUDENTS,
1866—1886,
WITH AN ACCOUNT OF THE ORIGIN
OF THE
ORGANIZATIONS AND CUSTOMS
OF THE UNIVERSITY.

—Magni nominis Umbra.
Lucan, i. 135.

SOUTH BETHLEHEM, PA.
1886.
EDWIN G. KLOSE,
MANAGER.
PREFACE.

The following pages contain the materials gathered in the past few years from the records of the University, the various student publications, and letters from fellow-alumni. Neither accuracy nor completeness is claimed for them. The most that can be said is, that they are the best that could be accumulated under the circumstances, as there are complete records of none of the topics touched upon. In the roll of students the last known address is given, and, owing to a change of residence and a failure to notify the proper parties, it may not be correct. It is therefore hoped that the critics of this attempt will favor the author with information upon all points in which he is at fault, so that he can correct his own copy and leave for the future historian matter of a fuller and more reliable nature. The compilation of the facts herein contained has been a labor of love, and their publication at this time is due to the number of inquiries concerning matters fast passing into oblivion. The gathering of "Lehigh Memorabilia," begun thirteen years ago, has continued until the collection is perhaps the most comprehensive and complete in existence, and, were it not for this collection, many facts would have been lost and the origin of some customs forgotten.

To the friends and well-wishers of Lehigh this venture is committed, trusting that other hands may carry it on from period to period, and to his fellow-alumni it is dedicated by

A GRADUATE OF '75.

BETHLEHEM, Pa., April, 1886.
His is not the place, nor is there space to indulge in a tribute that should do justice to the memory of the honored dead whose names are indelibly impressed upon the history of this institution. It is not necessary to recall a single act of their worthy lives to bring before the world their deeds, nor can a word of mine add an iota to their fame. The older graduates will recall with pleasure the yearly visits of Judge Packer and his sons. No victor bore more meekly his laurels than did our honored Founder. As mention was made of the value of his gifts, the spectators saw no signs of arrogance or pride. He always seemed relieved when the tributes had been paid and he could become a listener to the exercises that followed. It is a pleasure to recall his face with its uniform expression of benevolence. The artist has attempted to depict it, but it is only an attempt. It does not show us the man. Who of us that knew the sons have failed to find the large-hearted benevolence received from the father? The Alumni Association stands as a monument of the love and labor of our fellow-alumnus, the Hon. Harry E. Packer. It is pleasant to recall these memories, but they are only reflections of the characters that created them.

The Hon. Asa Packer, of New England ancestry, learned at an early age to appreciate the value of training of a sound and practical nature. Denied the polish and culture of a university education, he was forced to acquire it by his own energy. Knowing how potent a factor of success such an education became, he determined that the young men of the region in which he acquired his wealth should possess the means of
acquiring such an intellectual foundation. The idea was not
suddenly formed. The establishment of this University was the
result of determination long considered. It is an index of his
character, that he consulted Dr. Stevens regarding the institution
he was to found, as not being an expert, he sought the aid of one
who typified the highest culture, and committed to his hands,
without reservation, the fortunes of Lehigh. The result was to
combine a classical foundation with a technical superstructure
such as has never existed elsewhere. These classical require­
ments were abolished in June, 1873. In spite of the fluctuations
in the number of students, there has been a steady progress
towards a University system. The entrance requirements have
been raised year by year until there are few institutions that
require more than Lehigh. The income from tuition-fees not
entering into the calculation of the good of the University,
has made the number of students of little importance. It was
always the idea to restrict that number to the teaching force
employed under a fixed income. A perusal of the various
Registers shows that each department has made strides towards
completeness by putting into the entrance requirements all rudi­
mentary matter and by eliminating all that is unessential. The
Lehigh idea is to acquire the general education before entrance;
that the student cannot be too old when he enters; that the work
of the course is to fit him for practical life. There have been a
number who have taken a complete classical course before
entrance upon their professional studies. There are some upon
the roll at present who have studied the classics first, and it is
desired to have men for entrance who are mature in years and
judgment and who can appreciate the work before them. It is
interesting to see that the average age of entrance is gradually
increasing to support this theory. It is equally interesting to see
that the graduates—to a man—are occupying good places in the
world, and that some have attained places of distinction.

The presidency has seen three incumbents and in the past there
is nothing but progress of a slow and conservative nature. That
the policy will remain the same cannot be predicted and yet we
can trust the future of the University to the business men who
The buildings of the University deserve a passing notice as they are all of commanding appearance and upon their erection there has been no stinted supply of money. The idea has been to give opportunity for practice in all of the Departments of the technical courses. Each has been allowed to grow naturally and when the demand was imperative, the needed relief was given with overflowing hand. The Library, erected to accommodate 100,000 volumes, is nearly full and additional shelf-room is to be devised. With the munificent endowment of half a million there will ultimately arrive the time when Lehigh will possess the library of the United States.

No mention has been made of the endowment of the University. It may be well to state, for the benefit of those ignorant of Judge Packer's munificence, that Lehigh possesses besides the two million dollars of her endowment, an interest in the estate of our Founder exceeding that amount, in addition to the reversionary interest of nearly the entire estates of the sons. The Lehigh of the future will be enabled to enlarge her skirts so as to enclose every form of learning and culture. To that future we confidently commit her.

Although the rolls of students in the various Registers show many more names than the roll of alumni, it must be borne in mind that the former contain the names of many who never matriculated as members of the University, the requirement being full standing in all entrance studies, and therefore the roll that follows will not contain the names of those who failed to matriculate. On the other hand there have been many who, in the past have pursued special courses for a longer or shorter time and finished their work in those courses, whose names are not on our alumni roll. Such names have been marked as graduates without degrees.

The small number of graduates in comparison to the number attempting to enter has been frequently used by some who bore no good will to Lehigh. The fact is a matter of pride to those
who view it aright, in that it shows that the course laid down in
the Register is not entirely upon paper and that the examinations
are vigorous and thorough. The lowest rank in a graduating
class at Lehigh means a definite amount of work and a grasp of
the subjects taught, that will ensure an ability to cope with the
questions of practical life. The few who have survived the ordeal,
have made their way in the world and are not ashamed of the
fact that their number falls below that annually turned out of
some of the largest institutions. Graduates of the best colleges
in the country have entered Lehigh frequently below Junior year,
none have done so above that stage. There are graduates who
could not maintain a stand in the Freshman class. These facts
must be kept in mind on looking over the roll of students that
follows, and those that fell by the wayside did so from the severity
of the journey and not radical defects in themselves, for they have
left us and graduated with honor elsewhere.

The scope of this little book has imposed a limit to this sketch.
It has been given in a bald and disjointed manner. Many
aspects in which it might have been viewed are omitted for want
of space, yet enough has been given to prove that the design of
Our Honored Founder has been carried out in that each alumnus
is trained to fulfill the University motto, "HOMO MINISTER ET
INTERPRES NATURAE."
# REGISTER.

## TRUSTEES.

<table>
<thead>
<tr>
<th>Elected</th>
<th>Resigned or died</th>
</tr>
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<tr>
<td>1865. RT. REV. W.M. B. STEVENS, D.D., LL.D.</td>
<td>1872</td>
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<tr>
<td>1865. HON. ASA PACKER</td>
<td>*1879</td>
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<td>*1885</td>
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<td>1865. ROBERT H. SAYRE</td>
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<td>1865. WILLIAM H. SAYRE</td>
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<td>1865. ROBERT A. PACKER</td>
<td>*1883</td>
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<td>1865. G. B. LINDEMAN, M.D.</td>
<td>*1885</td>
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<td>1865. JOHN FRITZ</td>
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<td>1865. HARRY E. PACKER</td>
<td>*1884</td>
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<td>1865. JOSEPH HARRISON, JR.</td>
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<td>1873. HON. ECKLEY B. COXE</td>
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<td>1879. ELISHA P. WILBUR</td>
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<td>1883. JAMES I. BLAKSLEE</td>
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<td>1885. CHARLES HARTSHORNE</td>
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<td>1885. CHARLES H. CUMMINGS</td>
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## HONORARY TRUSTEES.

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<th>Year</th>
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<td>1871.</td>
<td>Hon. Eckley B. Coxe</td>
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<td>1871.</td>
<td>H. Stanley Goodwin</td>
<td>1884</td>
</tr>
<tr>
<td>1871.</td>
<td>Charles Brodhead</td>
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1871. Harry Ingersoll
1871. George W. Childs
1871. Leighton Coleman, S.T.D.
1871. Franklin B. Gowen
1871. Robert A. Lamberton, LL.D.
1871. W. L. Conyngham
1871. Charles O. Skeer
1873. Michael Schall
1874. Marcus A. Tolman
1874. Hon. Robert Klotz
1874. Hon. Henry Green
1876. J. T. Stockett
1881. Charles Hartshorne

HONORARY ALUMNI TRUSTEES.

1876. Miles Rock, C.E. 1878
1876. Charles E. Ronaldson, M.E. 1878
1877. Henry B. Reed, B.A., M.D. 1879
1877. Henry S. Drinker, E.M. 1879
1878. Russell B. Yates, C.E. 1880
1878. Frank L. Clerc, C.E. 1880
1879. William R. Butler, M.E 1881
1879. William A. Lathrop, C.E. 1882
1880. Lenz E. Klotz, C.E. 1882
1880. Washington H. Baker, A.C., M.D. 1885
1881. William D. Hartshorne, C.E. 1885
1882. Charles L. Taylor, E.M. 1884
1883. Richard Brodhead, M.E. 1884
1884. Holbrook F. J. Porter, M.E. 1885
1885. James S. Cunningham, M.E.
OFFICERS OF THE BOARD OF TRUSTEES.

**Presidents.**

<table>
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<tr>
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<tr>
<td>1866</td>
<td>Rt. Rev. William B. Stevens, D.D., L.L.D.</td>
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</table>

**Secretaries.**

| 1866    | Robert A. Packer |
| 1871    | Elisha P. Wilbur |
| 1866    | Elisha P. Wilbur |

**Treasurer.**

EXECUTIVE COMMITTEE OF THE BOARD OF TRUSTEES.

| 1880    | Garrett B. Linderman, M.D., Chairman. |
| 1880    | Robert A. Packer |
| 1880    | Harry E. Packer |
| 1880    | Robert H. Sayre (Chairman since 1885.) |
| 1880    | Elisha P. Wilbur |
| 1880    | John Fritz |
| 1880    | James I. Blakslee |
| 1885    | H. Stanley Goodwin |

**Secretaries of the Executive Committee.**

| 1880    | H. Stanley Goodwin |
| 1884    | R. Morris Gummere |

LIBRARY COMMITTEE.

| 1884    | Robert A. Lamberton, L.L.D., (ex-officio.) |
| 1884    | Garrett B. Linderman, M.D. |
| 1885    | Elisha P. Wilbur |
| 1885    | Eckley B. Coxe |
Elected.
1884. Elisha P. Wilbur, Chairman.
1884. Robert H. Sayre
1884. Garrett B. Linderman, M.D.
1885. H. Stanley Goodwin

Resigned or died.
*1885

PRESIDENTS.
1865. Henry Coppee, LL.D. 1875
1875. John M. Leavitt, D.D. 1880
1880. Robert A. Lamberton, LL.D.

PROFESSORS.

History and English Literature.
1865. Henry Coppee, LL.D. 1874

History, English Literature and International Law.
1874. Henry Coppee, LL.D. 1878

English Literature, International and Constitutional Law.
1878. Henry Coppee, LL.D.

History.
1878. Severin Ringer, U.J.D.

Moral and Mental Philosophy and Christian Evidences.
1865. Eliphalet Nott Potter, D.D., LL.D. 1870

Psychology and Christian Evidences.
1875. John M. Leavitt, D.D. 1879
1881. Frederic M. Bird, M.A.

Chemistry.
1865. Charles Mayer Wetherill, Ph.D., M.D. *1871
1871. William H. Chandler, Ph.D.
THE LEHIGH UNIVERSITY.

Mathematics and Mechanics.

Elected. Resigned or died.
1865. Edwin Wright Morgan, LL.D. *1869

Mathematics, Mechanics and Engineering.

1869. Hiero B. Herr 1871

Mathematics and Astronomy.

1871. Hiero B. Herr 1874
1874. Charles L. Doolittle, C.E.

Physics and Astronomy.

1865. Alfred Marshall Mayer, Ph.D. 1871

Physics and Mechanics.

1871. Lorenzo Lorain 1872
1872. H. Wilson Harding, M.A. 1883

Physics.

1883. H. Wilson Harding, M.A.

Mineralogy and Geology.

1865. William Theodore Reepper 1869

Geology.

1873. James P. Kimball, Ph.D. 1881
1881. Edward H. Williams, jr., B.A., A.C., E.M.

Economic Geology.

1881. James P. Kimball, Ph.D. 1886

Mining and Metallurgy.

1871. Benjamin W. Frazier, M.A. 1881

Mineralogy and Metallurgy.

1881. Benjamin W. Frazier, M.A.

Mining.

1881. Edward H. Williams, jr., B.A., A.C., E.M.
THE TWENTY-YEAR BOOK OF

Civil and Mechanical Engineering.

Elected:

1871. Charles McMillan, C.E. 1875
1875. Augustus Jay DuBois, C.E., Ph.D. 1877
1877. S. R. Crumbaugh, M.A., LL.B. 1878
1878. Mansfield Merriman, C.E., Ph.D. 1881

Resigned or died:

1871. Charles McMillan, C.E. 1875
1875. Augustus Jay DuBois, C.E., Ph.D. 1877
1877. S. R. Crumbaugh, M.A., LL.B. 1878
1878. Mansfield Merriman, C.E., Ph.D. 1881

Civil Engineering.

1881. Mansfield Merriman, C.E., Ph.D.

Mechanical Engineering.


Greek and Latin.

1877. William A. Lamberton, M.A. 1881

Greek Language and Literature.

1881. William A. Lamberton, M.A.

Latin Language and Literature.

1881. Henry Clark Johnson, M.A., LL.B.

Modern Languages and Literatures.

1880. Severin Ringer, U.J.D.

Rhetoric.

1881. Frederic M. Bird, M.A.

DEMONSTRATORS.

Civil Engineering.

1868. H. Stanley Goodwin 1871

Mining and Metallurgy.

1868. Richard P. Rothwell, C.E. 1873

LECTURERS.

Moral and Mental Philosophy and Christian Evidences.

1870. Eliphalet Nott Potter, D.D., LL.D. 1871
### Physiology and Hygiene

**Elected**

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<td>1881</td>
<td>Traill Green, M.D., LL.D</td>
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<td>1883</td>
<td>William L. Estes, M.D.</td>
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**Resigned or died**

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### INSTRUCTORS

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<td>1866</td>
<td>George Thomas Graham, B.A.</td>
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<td>1867</td>
<td>Henri Albert Rinck</td>
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<td>1867</td>
<td>Stephen Paschall Sharples, B.S.</td>
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<td>1868</td>
<td>Charles F. Kroech, B.A.</td>
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<td>1868</td>
<td>Waldron Shapleigh</td>
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<td>1868</td>
<td>Miles Rock, C.E.</td>
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<td>1869</td>
<td>J. N. Barr, B.S., C.E.</td>
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<td>1869</td>
<td>William A. Lamberton, M.A.</td>
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<td>1871</td>
<td>Frank Laurent Clerc, C.E.</td>
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<td>1871</td>
<td>Severin Ringer, U.J.D.</td>
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<td>1871</td>
<td>Spencer V. Rice, C.E.</td>
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<td>1872</td>
<td>Romyn Hitchcock</td>
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<td>1872</td>
<td>W. L. Church, C.E.</td>
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<td>1873</td>
<td>Sidney G. Ashmore, B.A.</td>
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<td>1874</td>
<td>Arthur J. Frith, C.E.</td>
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<td>1874</td>
<td>E. H. S. Bailey, Ph.D.</td>
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<td>1875</td>
<td>William D. Marks, M.E.</td>
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<td>1876</td>
<td>James P. Corsan, M.E.</td>
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<td>1877</td>
<td>David E. Pierce, C.E.</td>
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<td>1877</td>
<td>Arthur E. Meaker, C.E.</td>
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<td>1881</td>
<td>Lester P. Breckenridge, Ph.B.</td>
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<td>1882</td>
<td>Courtney Langdon</td>
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<td>Martin Wittmer, E.M.</td>
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<td>Julian W. Baird, M.A., Ph.C.</td>
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<td>1883</td>
<td>Albert L. Colby, Ph.B.</td>
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<td>1883</td>
<td>Richard H. Tucker, jr., C.E.</td>
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<td>1884</td>
<td>Harvey S. Houskeeper, B.A.</td>
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<td>Thomas M. Eynon, M.E.</td>
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<td>1884</td>
<td>Preston A. Lambert, B.A.</td>
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Elected.

1884. Enos K. Bachman, E.M.
1885. William D. Holmes, Ph.B.
1885. William K. Gillette, M.A.
1885. Walter Moeller, Ph.B.
1885. Fonger DeHaan, C.N.L.
1885. O. Julius Marstrand, C.E.
1886. Lester P. Breckenridge, Ph.B.

Resigned or died.

Secretaries of the Faculty.

1866. Eliphalet Nott Potter, D.D., LL.D.
1867. Edwin Wright Morgan, LL.D.
1868. Alfred Marshall Mayer, Ph.D.
1869. Hiero B. Herr
1871. Charles McMillan, C.E.
1872. H. Wilson Harding, M.A.
1873. Benjamin W. Frazier, M.A.
1874. William H. Chandler, Ph.D.
1875. Charles L. Doolittle, C.E.
1876. Augustus Jay DuBois, C.E., Ph.D.
1877. William R. Lamberton, M.A.
1880. Mansfield Merriman, C.E., Ph.D.
1883. Henry Clark Johnson, M.A., LL.B.
1885. William R. Lamberton, M.A.

Secretaries to the President.

1869. John M. Thome, C.E.
1870. William H. McCarthy, B.A.
1871. George Pierrepont Bland, C.E.
1872. Wallace M. Scudder, M.E.
1873. William D. Hartshorne, C.E.
1875. Frank C. Angle, C.E.
1876. Lewis T. Wolle, C.E.
THE LEHIGH UNIVERSITY.

TREASURER.

Elected. Resigned or died.
1866. H. Stanley Goodwin

OFFICERS OF THE LIBRARY.

Director.
1878. William H. Chandler, Ph.D.

Chief Cataloguer.
1878. A. W. Sterner

Entry Clerks.
1883. Aug. H. Leibert
1884. George W. H. Perkin
1885. Samuel W. Packard

OFFICERS OF THE GYMNASIUM.

Director.
1883. William H. Herrick, B.A. 1885

Assistant.
1884. Charles F. Seeley

JANITORS.

1866. George Washington Smith 1867
1867. Nathan Crowell Tooker 1871
1871. James Meyers

Note.—The names of clergymen are in italics in the foregoing register.
ROLL OF STUDENTS.

This comprises the names of those who were admitted to full standing in the University. It omits nearly two hundred names of those who entered under conditions and failed to matriculate as members of the University. The names of those who graduated from a regular or a special course are designated by small caps; those who failed to complete a course, either regular or special are in italics; and those who are now in the University are in roman. Immediately following each name is the year of entrance, and, in the case of those who have left, the date when degrees were conferred, or the number of terms they were members of Lehigh. The addresses of those now in the University, or one of the Bethlehems, are omitted.

*Abbott, Charles Wallar. '77. 7. Died while a student.
Abbott, David Bast. '82. 3.
Adamsen, Joseph Wright, B.S. '80. 1. Special. 1128 Arch St., Philadelphia.
Addison, Charles Lambert. '84.
Ainey, William David Blakslce. '83. 2. New Milford.
Albrecht, Philip. '82. 6.
Aldcott, Edgar Augustus. '82. 2. Mt. Holly, N. J.
Ames, Allen. '79. 5. Oswego, N. Y.
Amsden, Frank Fielding. '83.
Anderson, James Willoughby. '85.
Anstett, C. M. '69. 2. Easton.
Arrowsmith, Robert, A.M., Ph.D. '78. 1. Brooklyn, N. Y.
*Ashmead, Lehman Preston. '66. A.C. 1870. M.D.
Atkins, William. '69. 3. Pottsville.
Atkinson, Pearce. '85.
Auchmuty, Harrison Link. '80. C.E. 1885. Millersburg.
Ayres, George Hamilton. '83. 2. Ft. Bidwell, Cal.
Ayres, Henry Dearborn. '80. 1. Baltimore, Md.
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<tr>
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<td>Bache, C. L.</td>
<td>'70</td>
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<td>'79</td>
<td>F.M. 1883. Tutor</td>
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<td>Bacon, Frank K.</td>
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<td>2. Care of Penna. R.R., Philadelphia</td>
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<td>Bacon, Joseph K.</td>
<td>'76</td>
<td>1. Elkton, Md.</td>
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<td>Baker, Joseph B.</td>
<td>'69</td>
<td>5. Philadelphia</td>
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<td>'69</td>
<td>A.C. 1873. M.D. 1016 Summer St., Philadelphia</td>
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<td>Baldy, John Peter</td>
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<td>Baldwin, Leighton Irvin</td>
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<td>4. Mahanoy City</td>
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<td>Baltz, Theodore</td>
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<td>Beardsley, Charles E.</td>
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<td>Bermudes, Francisco Alberto</td>
<td>'82</td>
<td>7. Care of H. C. Potter, 260 S. 9th St., Philadelphia</td>
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<td>Bevan, Ebenezer Lincoln</td>
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<td>Biddle, Clement</td>
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<td>Bines, Samuel Mason</td>
<td>'71</td>
<td>6. Philadelphia</td>
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Birney, Herman Hoffman. '83. 2. 456 Louisiana Ave., Washington, D.C.

Birney, Theodore Weld. '81. C.E. 1885. 456 Louisiana Ave., Washington, D.C.


Blauvelt, William Hutton. '80. 1. Special. Tappantown, N.Y.

Boggs, Thomas Graves. '83. 1. Allegheny.

Bolton, Philip S. '74. 3. West Chester.

Bond, William E. '68. 3. New York City.

Bonnot, Alexander. '83.

Bonzano, Hubert Alexander. '84.

Booth, George Rodney. '82.

Boutelle, Edward C. '66. 4.

Boorke, John Thomas. '77. 7. Youngstown, Ohio.

*Bowdoin, James E. '71. 2. Killed at New Street Crossing, by N. P. R. R. train, June 12, '72.

Bowen, George W. '75. 3. Philadelphia.

Bowman, Harry Luther. '82. B.M. 1885.

Bowman, William James Jarrard. '82. 2. Trenton, N.J.


Boynton, Charles Hudson. '86.

Bradbury, Samuel, jr. '76. 2. Schuylkill Falls.

Bradbury, William H. '76. 6. Schuylkill Falls.

Bradford, Harry Clark. '83. 2. San Francisco, Cal.

Bradford, William. '83.

Branch, Joseph Gerald. '83. 4. Columbia, Tenn.

Breinig, Richard Singmaster. '82.

Briggs, Walter. '77. (out two years.) A.B. 1883. Scranton.

Brodhead, Joseph Davis. '83. 1. Special. South Bethlehem.


Broughal, James. '76. 3. Pottsville.

Brooke, George A. '73. 2. Pottsville.

*Brooke, Irvin. '76. 6. Died Oct. '79.

Brosius, Elmer Ellsworth.  '79.  9. Lewistown.
Brown, Cyrus Emory.  '84.  3. Johnstown.
Brown, William Alexander.  '84.  1. 1635 Locust St., Philada.
Brown, John Henry.  '82.
Bruegel, Adolph Theodore.  '84.
Bruner, Daniel P.  '68.  C.E. 1872. Harrisburg.
Bryan, Kennerly.  '83.  4. Baltimore, Md.
Buchanan, Denio Wetmore.  '83.  1. Athens.
Buck, Charles Austin.  '83.
Buckner, Julian Carter.  '83.
Budd, Joseph Leander.  '85.
Budington, Thomas G.  '73.  7. Brooklyn, N. Y.
Burkhardt, Otto Cornelius.  '83.
Burnham, Charles Rossiter.  '82.  2. Philadelphia.
Burtsmith, George Nathan.  '80.  2. Westfield, N. J.
Bush, Elmer Ellsworth.  '84.
Butler, Charles Noble.  '84.
Butler, William.  '78.  5. Special. Cuba.
Butterworth, William.  '85.
Byers, John Hershey.  '83.  2. Millersville.
Byers, Morton Lewis.  '84.
Bylesby, Henry M.  '73–6.  '84.  17 Cortland St., New York City.

Caffrey, Willis Gaylord.  '78.  4. Boston, Mass.
Calvert, John.  '71.  5. Forestville, Md.
Camp, James B.  '74.  2. Norfolk, Va.
Campbell, Edgar.  '85.
Campbell, George H.  '71.  3. Woodbury, N. J.
Campbell, William Smith.  '81.  2. Delano.
Canadas, Antonio M.  '72.  A.C. 1875. Loja, Equador, S. A.
Cardenas, Felipe Santos.  '79.  3. Saltillo, Mex.
Carl, Lincoln Calvin. '84. 2. Williamstown.
Carman, Francis Joseph. '85.
Carson, Herbert Mackenzie. '85.
Carter, Richard J. '66. 2. Tamaqua.
Carter, Thomas Frederick. '74. 3. Assistant Engineer, U.S.N.
Chambers, Abner Reeder, jr. '84. 2. Trenton, N. J.
Chapman, Lansford Foster. '83.
Chauvenet, Louis. '72. 4. St. Louis, Mo.
Chester, Holden William. '84.
Chin, Yung Kwai. '79. 2. Kwong Tung, China.
Chubbuck Stanislaus. '84. 2. Elmira, N. Y.
Clapp, Charles Ellsworth. '82.
Clapp, William G. '68. 5. Newburgh, N. Y.
Clark, John Jesse. '84.
Clarke, E. B. '76. 2. Bloomsbury.
Clarkson, Frank M. '73. 2. Rochester, N. Y.
Cobb, George Henry. '82.
Coleman, Charles Philip. '84.
Connard, George Philip. '84.
Conner, Edward. '85.
CONVERS, GEORGE C. '73. 6. Special.
COOK, CHARLES CLEMENCY. '80. 4. Special. Canton, O.
Cooke, Edward Marsden. '83. 2.
COOKE, ROBERT GRIER. '80. A.B. 1884.
Corbin, Charles William. '85.
CORBIN, HAYNES HINDS. '66. A.C. 1869. Telluride, Col.
Cornelius, Justice Cox. '84.
Cornelius, William Albert. '85.
Cortez, Lawrence. '85.
Cortez, Thomas T. '85.
Cortright, William Sharp. '68. 2.
Cox, John Sayre. '73. 4. Special. A.C.
Cox, St. John. '72. 4. Greenville, S. C.
Crawford, Augustus, Jr. '84.

Cross, William C. '71. 2. Milford.
Cuming, George M. '69. 4. Pottsville.
Cummins, George Lewis. '66. 6. Louisville, Ky.
Cunningham, Benjamin Amos. '84.
Cunningham, James S. '75. M.E. 1879. Everett.
Curtin, William W. '68. 3. Bellefonte.
Curtis, Lloyd. '76. 1. Special. Residence unknown.

Dalkymple, Francis Wharton. '79. C.E. 1883. Division Engineer, N.Y. L. E. & W. R. R., Port Jervis, N.Y.
Daniels, Reuben. '84.
Davis, Charles Belmont. '83.
Davis, George Herschel. '84.
Davis, Myron. '86.
Davis, Richard Harding. '82. 6. Special. Baltimore, Md.
Davis, William Schaff. '84.
Dean, William Henry. '82.
Deans, Charles Herbert. '85.

DeCueto, Jose. '81. 6. Asturias, Spain.
Degenhardt, F. R. Christian. '68. A.C. 1872. 112 Wall St.
New York City.
DeLara, Lopez Guadeloupe. '84.
DeMeza, Mattias Wilson. '74. 4. Brooklyn, N. Y.
Deppen, George W. '68. 2. Trevorton.
DeVees, Louis Loezer. '84. 2. Pottsville.
DeWitt, Philip Hofficker. '84.
Dickerson, Charles Estell, Jr. '85.
Dickinson, Austin L. '77. 5. E. Haddam, Conn.
Diebitsch, Emil. '85.
*Dimmick, Milton. '66. 8.
Diven, Eugene. '83.
Dodson, James Stout. '78. 2.
Donahoe, Timothy John. '78. A.C. 1883.
Domenech, Manuel Victor. '84.
Doolittle, Alfred. '82.
*Doran, James Joseph. '76. 12. Died one week before graduation.
Dorrance, John Ford. '71. 2. Wilkes-Barre.
Dougherty, John Webster. '85.
Stockton.
Drake, Alfred L. '74. 2.
Dravo, Frank Rouad. '83.
Dravo, George Patterson. '84.
Dravo, Ralph Marshall. '85.
Duck, George Francis. '79. E.M. 1883. 50 Downing St.,
Brooklyn, N. Y.
Duckhan, Albert Edward. '85.
Dugan, Cornelius. '85. 1.
Duncan, Richard Coolidge. '85. 1. P. O. Box 277, Elyria, O.
*Duncan, William S. '75. 3. Dec. 9, 1876.
DuPuy, Herbert. '77. 2. Special. Pittsburg.
DuVivier, Ernest Hipolite. '84.

Eagley, John. '73. C.E. 1877. N. Springfield.
*Eastman, Harry. '73. 3.
<table>
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<th>Name</th>
<th>Class Year</th>
<th>Major/GPA/Year</th>
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<tr>
<td>Eckert, John W.</td>
<td>'74</td>
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<td>Allentown</td>
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<td>Edson, William Noble</td>
<td>'81</td>
<td>C.E. 1885</td>
<td>Clifton Springs, N.Y.</td>
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<td>Eggert, Harry B.</td>
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<td>Elliot, Alexander</td>
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<td>3. San Paulo, Brazil</td>
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<td>Emmerich, Lewis Oscar</td>
<td>'77</td>
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<td>Engle, Horace Musser</td>
<td>'84</td>
<td>2. Adv. Electricity</td>
<td>Marietta</td>
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<td>Englebert, John Roberts</td>
<td>'80</td>
<td>C.E. 1885</td>
<td>Wiconisco</td>
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<td>Evans, John A.</td>
<td>'72</td>
<td>5. Omaha, Neb.</td>
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<td>Eynon, Thomas Morgan</td>
<td>'77</td>
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<td>Philadelphia</td>
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<td>Fairchild, George Burton</td>
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<td>Farquhar, Francis Hughes</td>
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<td>1530 Walnut, Philada.</td>
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<td>2. 635 Franklin St., Philadelphia</td>
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<td>Foote, William Banks</td>
<td>'81</td>
<td>B.M. 1884; E.M. 1885</td>
<td>Georgetown, Col.</td>
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Forsyth, John G. '73. 4. Wilmington, Del.
Foulks, William C. '69. 3. Philadelphia.
Fox, Jacob C. A. '74. 5. Philadelphia.
Franklin, George Stineman. '84.
Frauenthal, Harry William. '82.
Frazier, Arthur Hugh. '85.
Frazier, Kenneth. '83.
Frear, Harry James. '82. 3. Factoryville.
Freck, Charles G. '68. 3. Centralia.
Freeman, Edward J. '68. 3. Freemansburg.
Freis, Andrew D. '73. 9. West Point, N. Y.
French, Edward Moyer. '85. 1.
Frescoln, Samuel Wilson. '84.
Frey, Charles William. '82. 6.
Freyhold, Felix. '82. C.E. 1885. Brandon, Polk Co., Fla.
Frick, Gerhard, M.D. '73. 2. Summit Hill.

Gallagher, Dennis. '84. 1.
Gaston, Louis Mallet Prevost. '84.
Gates, William, Jr. '84.
Geiss, Percival D. '72. C.E. 1877.
Gere, Robert. '73. 2. Syracuse, N. Y.
Getty, Robert N. '72. Charleston, S. C.
Gieske, Gustav Edward. '84. 3. Catonsville, Md.
Gillette, John W., A.B. '85, 2. Special.
Gillilan, William H. '68. 3. Philadelphia.
Gilman, Frank, A.B. '74. 4. Special. Drifton.
Glover, James Bolan. '84.
Godshall, William Henry. '80. 4. Lansdale.
Goldsmith, Nathaniel Oliver. '79. M.E. 1883. Cincinnati, O.
Gororos, José de Figuerido. '75. 3. ———, Brazil.
Gottwald, Robert Caldwell. '82.
Graeff, James McKinley. '80. 6. Pottsville.
Grammar, Louis Frederick. '84.
*Greene, John M. '74. 3.
Grossart, Louis John Henry. '82.
Grubb, Alfred Fletcher. '85. 413 N. 2d Street, St. Louis, Mo.
Guimarães, José de Gama. '72. 8. San Paulo, Brazil.

Hackman, John Wesley. '85.
Haines, Henry Stevens, jr. '83.
Haldeman, George C. '70. 3. Columbia.
Hale, Harry S. '68. 3. Bellefonte.
Halsey, L. M., M.D. '75. 3. Swedesboro, N. J.
Hammer, Arthur P. '72. 6. Cincinnati, O.
Hammett, E. S. '74. 2. Rochester, N. Y.
Hammond, William B. '75. 2. Harrisburg.
Hanauer, Max Sigismund. '82.
Hancock, Russell. '68. 4. St. Louis, Mo.
Hanna, Alfred F. '73. 2. Philadelphia.
Hardcastle, Hughlett. '83.
Harris, George Wentz. '85.
Harris, Henry Ivan. '69. 4. Astoria, N. Y.
Harrison, Henry A. '67. 4. Newburgh, N. Y.
Hart, George Augustus. '84.
Hartman, Herbert Thomas. '84. 3. Ft. Wayne, Ind.
Hartman, John Howard. '84.
Harvi, Clinton Alfred. '83. 2. Hazleton.
Harwi, Solomon Jacob. '82.
Hazelley, Lloyd Robinson. '82. 3. Dixon, Ill.
Hayward, George North. '82. 3. Buffalo, N. Y.
Hazelton, Simeon Cole. '82.
Hazlett, William S. '74. M.E. 1878. 3 West 30th Street, New York City.
Hearne, Joseph Ford. '86.
Heaton, James Arthur. '85.
Heberling, Robert Anderson. '85.
Hedley, Robert Rist. '84. 2. Halifax, Nova Scotia.
Heikes, Irving Andrew. '82. B.M. 1885.
Heitner, Benjamin Franklin. '68. 2. Tamaqua.
Heiser, William Henry. '82. 1. Mt. Carmel.
Heller, George M. '73. C.E. 1877. 853 North 20th Street, Philadelphia.
Henderson, Lightner. '85.
Henry, Edward Malcolm. '78. 5. Pawtucket, R. I.
Hess, James Monroe. '81. 2.
Hess, Robert J., M.D. '72. 2. Special. Kirkbride's Hospital, Philadelphia.
Hesse, Conrad Egbert. '85.
Hewitt, William. '69. 4. Trenton, N. J.
Hileman, John Sax. '83. 4. Pittston.
Hillegass, Harry Hurd. '80. C.E. 1884. Reading.
Hillers, Charles W. '73. 3. Pittston.
Hittell, John Benjamin Franklin. '83.
Hittell, R. S., M.D. '72. 2. Special. Illinois.
Hix, Edward Randolph. '83. 1. New York City.
Hochling, Adolph. '85.
Hoffman, John Daniel. '79. B.A. 1883.
Hofford, Edwin Franklin. '80. C.E. 1884. Lehighton.
Hogg, W. B. '76. 2. Brownsville.
Holbert, John H. '76. 2. Chicago, Ill.
Holland, Frank A. '78. 2. Youngstown, O.
Hood, George Gowan. '79. C.E. 1883. 413 Walnut St., Phila.
Honeyman, Robert. '84.
Hoopes, William. '85.
Hope, George W. D. '74. 6. Special. Galveston, Tex.
Hopkins, Charles Comstock. '78. B.S. 1882. C.E. 1884. Rome, N. Y.
Hopkinson, Richard W. '68. 4. Philadelphia.
Hopps, Garrett Linderman. '79. C.E. 1883.
Horn, Harry Y., M.D. '75. 3.
Hosie, John H. '71. 3. Tamaqua.
Houskeeper, Harvey Stever. '69. B.A. 1872. Tutor.
Howard, John Myers. '83.
Howe, Mark Antony DeWolf, jr. '81.
Howe, Wallace Eastburn. '85.
Hubbard, John T. '74. 5. Clinton, Iowa.
Hudson, Clarence Walter. '85.
Hughes, Samuel. '73. 2. Special. Monto Alto.
Humphrey, John Milton. '85.
Hunt, John. '66. 2. Catasauqua.
Hurtado, Emilio. '85.
Hyer, Walter Eugene. '84.

Jacobson, Charles. '72. 2.
Jacobson, Frank Edward. '78. 2.
Jacobson, James Henry. '82. 5.
Jacoby, Henry S. '73. C.E. 1877. Memphis, Tenn.
Jaggard, Arthur Monroe. '82. 3. Altoona.
James, James Henry. '79. 4. Rockland, Mich.
Janney, William Dean. '79. 4. Baltimore, Md.
Jencks, Sterry Henry. '84.
JENKINS, GEORGE A. '66. A.C. 1870.
Jenkins, Henry C. '66. 4. Harrisburg.
Jenkins, P. T. '74. 1. U. S. Signal Corps.
Jenks, Oliver W. '71. 5. Special. Philadelphia.
JETER, JOHN TINSLEY. '75. E.M. 1880. Wilkes-Barre.
Johnson, Charles Radcliffe. '86.
Johnston, Arch. '85.
JOHNSTON, FRANK. '72. 8. Special.
JONES, ASA. '71. 2. Special. Flemington, N. J.
Jones, Charles Colcock. '84.
Jones, Harry Oberly. '82. 2. Freemansburg.
Jones, John L. '72. 4. 59 Liberty St., New York City.
Jones, Robert Joseph. '85.
Jordao, Francisco H. '72. 8. San Paulo, Brazil.
Junker, Charles Alexander. '82.

Keesey, Horace. '68. 4. York.
Keith, Boudinot. '76. 4. 44 Broadway, New York City.
Kellogg, Elmer Lewis. '81. 1. 833 W. 22d St., Chicago, Ills.
Kellogg, John Stower, jr. '86.
KENT, Rodolphus. '70. 8. Special. Lewistown.
Kerlin, John Martin Sharpless. '85.
KERR, DAVID GARRETT. '80. B.M. 1884. Braddocks.
Kiesel, William Frederick, jr. '83.
KING, CHARLES FRANCIS. '77. A.C. 1880. Steelton.
King, Thomas. '84. 2. Mooers, N. Y.
Kittrell, James Wesson. '86.
Knorr, Frederic Hayes. '83.
Koehler, George Herman. '83.
Koller, Harry Orlando. '82. 5. Reading.
Koons, Adolph. '85.
Kramer, Frank J. '74. 2. Special. Palmyra, N. Y.
Krause, Irvin. '70. 2. Philadelphia.
Kuntz, Henry J., M.D. '72. 2.

Laciar Henry J., M.D. '72. 2.
Ladoo, John Waller. '83.
Lafon, Joseph. '74. 4. Newark, N. J.
Laird, Clarence Reed. '82. 1. Wheeling, W. Va.
Lambert, Preston Albert. '78. B.A. 1883. Tutor.
Lambert, Sylvanus Elmer. '85.
Lance, Clarence C. '74. 2. Norfolk, Va.
Lance, Joseph P., Jr. '73. 6. U. S. N.
Landis, George Crist. '86.
Langdon, Paul Devereux, M.A. '85. Special.
Langdon, Samuel Davis. '83.
Langston, Edward. '81. 2. Brooklyn, N. Y.
Langston, Frederick Boxman, Jr. '80. 8. Brooklyn, N. Y.
Langston, William. '80. C.E. 1884.
Lanman, Charles N. '72. 5. Chicago, Ill.
Lawall, Elmer Henry. '78. C.E. 1882. Engineer Beaver Brook Estate, Audenried.
Lawrence, Edward S. '71. 3. Reeseville.
Larzether, Robert Thomas. '82. 6. Maltby.
Lee, William J., Jr. '72. 2. Edentown, N. C.
Lear, Edwin Ransome. '77. 4. New York City.
Lee, Richard Henry, Jr. '77. 4. Special. Lewistown.
Lee, Ralph William. '83.
Lehrs, George L. '76. 4. Moscow, Russia.
Lehrs, Henry. '76. 4. Moscow, Russia.
Leight, John M. '71. 5. Jersey City Heights, N. J.
Leighton, George. '79. 4. Glenburn.
Lethhead, John Wood. '79. 6. Burlington, N. J.
Leoser, Thomas Smith. '85.
Leukel, Alfred Kramer. '84.
Lewis, Alfred Eli, Jr. '84.
Lewis, A. Nelson. '66. 4. Havre de Grace, Md.
Lincoln, John Joseph. '86.
Linderman, Garrett Brodhead, [Jr.] '82.
Linderman, Henry R. '75. 2. Special. Washington, D. C.
Linderman, Robert Packer. '80. Ph.B. 1884.
Lockett, John. '85.
Lohse, Charles William. '84.
Long, Arthur. '86.
Loos, William J. C. '77. 5.
Loyd, Robert McAllister. '85.
Luckenbach, Charles Augustus. '82.
Luckenbach, Horace Andrew. '82. 4.
*Lunkenbach, Joseph David. '82. 3. Died while a student.
Ludwig, Peter D. '66. 4. Tamaqua.
Lydon, William Anthony. '83.
Lydon, Howard K. '74. 5. New York City.

M. Beer, D. N. C. '72. 4. Allegheny City.
M. Gilchrist, Lawrence B. '66. 2. Havre de Grace, Md.
MacClintic, Howard Hale. '84.
McComas, John W. '74. 4.
McDade, Charles Webster. '83. 4. Hagerstown, Md.
McFarland, Walter Ashfield. '83.
McGee, Joseph Henry. '82. 5.
McGrath, Robert Henry. '83. 1. Friedensville.
McIlvain, Howard Leoser. '84.
McIlvain, Edward Morton. '81. 5. Reading.
Mack, James Struthers. '83.
McKee, Charles. '67. 3. Allentown.
McLongen, James Lorraine. '81. 4. Reading.
McLeod, William Clark. '85.
McMahon, James Michael. '77. 3. Illinois.
McMillan, William G. '72. 2. Residence unknown.
McMullin, George. '66. 2. Mauch Chunk.
McNulty, William James, B.A. Ashland, Ohio.
Magee, Frank Porct. '82. 3. Groveland, N.Y.
Maharg, William Sprague. '82. 5.
Mahon, Robert W. '73. C.E. 1876. Ph.D. (Johns Hopkins). 110 Arch St., Camden, N.J.
Malcher, J.J. Gama de. '73. M.E. 1876. Para, Brazil.
Manning, George Eber. '85.
Marsteller, James Fremont. '72. C.E. 1877 Wilkes-Barre.
Marshall, Charles Donnell. '84.
Martin, Robert. '68. 1. Philadelphia.
Martin, Thomas. '69. 3. Allentown.
Meade, Charles Jacob. 1871-3; '84. Adv. Electricity Washington, D.C.
Meekeer, R.A. '76. 2. Special.
McHenry, David Kinchart. '80. 3. Marietta.
Meiley, Harry Smuller. '83.
Merkle, Joseph Franklin. '80. C.E. 1884. Scranton.
Merritt, Thomas. '70. C.E. 1874. Morristown, N. J.
Methfessel, Charles Albert. '85. 1. Stapleton, N. Y.
Meyer, Julius P. '70. 3. Died while a student.
Miller, Arvon Permin. '81-2; '84-5.
Miller, Charles Henry. '84.
Miller, Edwin Francis. '86. M.E. 1883. 1642 Green Street, Philadelphia.
Miller, George Phillips. '84.
Millholland, John Hoff. '84.
Millholland, Paul Douglass. '82.
Mills, William Wirt. '83.
Miller, J. Frank. '74. 3. Washington, D. C.
Miner, Harlan Sherman. '84.
Miranda, Hildebrando Barjona. '68. A.C. 1873. Para, Brazil.
Miranda, Raymundo Floresta. '68. C.E. 1872. Division Engineer, San Francisco, R. R., Bahia, Brazil.
Mitchell, Edgar Bennett. '83.
Mitchell, Robert. '70. 4. Lebanon.
Miyahara, Seizo. '74. C.E. 1877. Kagoshima, Japan.
Moffett, Charles Williams. '85.
Mohr, Alfred Marcellus. '84. 1. Kutztown.
Moon, Albert Foster. '82. 1. Special. Covington, Ky.
Moore, Matthew Packer. '84. 2. Carlisle.
Morford, Samuel Denton. '80. 3. Died while a student.
Morgan, Eben Millimore. '81. 8. Reading.
Morgan, Henry W. '68. 5. Backwoodtown, N. J.
Morgan, John Lavington. '82. Phoenixville.
Morris, Richard Henry, Jr. '85.
Morris, William Ellis. '84. 3. Portland, Ore.
Morrow, Harry Semple. '84.
Morrow, James Alexander. '80-2; '84.
Morrow, John Thomas. '85.
Morrow, Nelson. '79. M.E. 1883. 54 East Utica Street, Oswego, N.Y.
Mott, Daniel Livermore. '84.
Mott, Samuel D. '71. 3. Special. Milford.
Myers, Harry Krider. '80. C.E. 1884. Houtzdale.
Myers, Robert S. '74. 4. Special. Hazleton.

Neill, William Lynville. '84.
Neillson, George Harrison. '84.
Neiman, Howard Seger. '84.
Newby, Thomas Franklin. '86.
Nixon, George A. '74. 6. Covington, Ky.
Norton, Lucius Holler, Jr. '82. 3. Bridgeport, Conn.
Nostrand, Benjamin B., Jr. '74. M.E. 59 Liberty St., New York City.

Oberly, Albert Daniel. '85.
Ogden, John Hill Lamar. '83.
O'Malley, Joseph Michael. '84. 3. Wilkes-Barre.
Orrick, C. James. '71. 2. Special. Cumberland, Md.
Ott, William Bliem. '84.
Owen, Frederick Dent. '73. 8. Washington, D.C.


Packard, James Ward. '80. M.F. 1884. 32 Nassau St., New York City.
Packard, Samuel Eaton. '85.

Paddock, George H. '67. 1. New Castle, Del.
Paddock, Joseph H. '75. C.E. 1879. Connellsville.


Palmer, Albert Nickerson. '84. 3. 305 Carrollton Ave. Baltimore, Md.

Palmer, Harry. '84.

Palmer, Theodore D. '75. 4. Newark, N. J.
Palmer, William P., Jr. '74. 8. Special. Brooklyn, N. Y.


Parker, Charles Jeremiah. '84.
Parker, Charles. '84.

Parker, Thomas. '70. 2. Special Philadelphia.

Pascoe, William Frederick Detwiler. '81. 1. Friedensville.

Patterson, George Spencer. '79. E.M. 1883. Engineer, Union Improvement Co., Jeddo.

Peale, John Wesley. '81. 6. Lock Haven.


Peet, Henry Drinker. '81. 4. Newport, R. I.

Pellew, Charles Ernest, B.A. '84. 2. Special. New York City.

Pepin, John Raymond. '80. 2. New Orleans, La.
Perry, Robert Swain. '84.


Pettee, Julian. '73. 4.
Pettinos, George Francis. '83.

Peyser, Edgar S. '75. 2.

Phillips, Clarence Reynolds. '84.

Phillips, Firman S. '77. 3. Philadelphia.

Phillips, Horace. '85.

Phillips, Robert Henry. '84.
Pierce, William Ross. '84.
Pike, Frederick William Birchal. '81-3; '84.
<table>
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<th>Name</th>
<th>Class</th>
<th>Major</th>
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<tr>
<td>Pinckney, William Richmond</td>
<td>'80</td>
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<td>Charleston, S. C.</td>
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<td>Pollet, Joseph M.</td>
<td>'66</td>
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<td>Wysox</td>
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<td>Platt, Howard</td>
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<td>Polhemus Henry M.</td>
<td>'68</td>
<td>C.E. 1872</td>
<td>New York City</td>
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<tr>
<td>Polhemus, James S.</td>
<td>'67</td>
<td></td>
<td>U.S. Assistant Engineer, Newport, Oregon</td>
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<tr>
<td>Polk, Rufus King</td>
<td>'83</td>
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<td>'71</td>
<td>Special</td>
<td>Pottsville</td>
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<td>Porter, Holbrook Fitz John</td>
<td>'74</td>
<td>M.E. 1877</td>
<td>College Engineer, School of mines, New York City</td>
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<td>Porter, Robert Henry Eddy</td>
<td>'85</td>
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<td>Porterfield, Henry Allebach</td>
<td>'79</td>
<td>E.M. 1883</td>
<td>Johnstown</td>
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<td>Potter, George E.</td>
<td>'76</td>
<td>C.E. 1880</td>
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<td>Pratt, Francis Edward</td>
<td>'85</td>
<td>43 E. 25th St.</td>
<td>New York City</td>
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<td>Pratt, Mason Delano</td>
<td>'83</td>
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<td>Price, Harry R.</td>
<td>'66</td>
<td>C.E. 1870</td>
<td>Pottsville</td>
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<td>Price, John Bertsch</td>
<td>'81</td>
<td>C.E. 1884</td>
<td>Mauch Chunk</td>
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<td>Prindle, Francis Petrie</td>
<td>'84</td>
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<td>'79</td>
<td>C.E. 1883</td>
<td>E.M. 1885</td>
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<td>Putnam, George Herbert</td>
<td>'84</td>
<td>Advanced Electricity</td>
<td>Millbury, Mass.</td>
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<td>Quiquijy, Thomas John</td>
<td>'82</td>
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<td>Quinn, Martha P.</td>
<td>'74</td>
<td>3.</td>
<td>Pottsville</td>
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<td>Radford, George Reginald</td>
<td>'81</td>
<td>6. Beaver Meadow</td>
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<td>Reader, William S.</td>
<td>'72</td>
<td>7.</td>
<td>Wilkes-Barre</td>
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<td>Rahme, Allen K.</td>
<td>'69</td>
<td>2.</td>
<td>Pittsburgh</td>
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<tr>
<td>Ralston, G. W.</td>
<td>'73</td>
<td>3.</td>
<td>Independence</td>
</tr>
<tr>
<td>*Ramsey, William Sydney</td>
<td>'84</td>
<td>3. Died while a student</td>
<td></td>
</tr>
<tr>
<td>Randolph, William K.</td>
<td>'74</td>
<td>C.E. 1878</td>
<td>233 S. 4th St, Phila-delphia</td>
</tr>
</tbody>
</table>
Rathbun, John E. '70. 3. Trevorton.

Rathbun, Walter Rollin. '83. 4.

Rau, Albert George. '83-4; '85.


Raynor, Clarence Elmer. '84.


Reese, Ludwig Lewis. '78. 2. Plymouth.

Reeves, Albert Scull. '81. B.M. 1884; E.M. 1885. 760 S. Broad St., Philadelphia.

Reichard, Harleigh Agnes. '83. Easton.

Reichel, C. W. E. '73. 8.

Reilly, Thomas. '72. 3.

Reisler, Evan Turner. '84.

Reist, Henry Gerber. '82.

Reynolds, Edward E. '82. 3. Pittston.

Reynolds, Frank R. '84.

Reynolds, George B. '71. 3. Shawnee.

Rhoads, Byron Elmer. '81. 5. Lake.

Rhodes, Morris M. '73. 2. Arkansas City, Ark.

Rice, Walter P. '72. C.E. 1876. 44 Euclid Ave., Cleveland, O.

Rich, Charles Averill. '84. 1. Canton, N. Y.

Rich, John Montgomery. '84. 1. Canton, N. Y.

Richards, George Thomas. '83.

Richards, Joseph William. '82.

Richards, Henry. '71. E.M. 1876. Dover, N. J.

Richards, Loudon W. '73. M.E. 1876. Superintendent of Steel Department, Chester Rolling Mills, Thurlow.

Richards, Michael Alton. '81. 2.

Richards, William Pemberton. '84.
Richardson, George Mann. '82.
Rickert, Osmond. '84.
Riegel, George William. '83. 2.
Robertson, John Brown, jr. '86.
Roberson, Jacob Shotwell. '83. 2. 3719 Chestnut St., Philadelphia.
Robinson, Thomas H. '75. 3. New York City.
Roehe, Peter. '76. 4.
Rogers, Abraham Lincoln. '85.
Rogers, Chauncey Porter, jr. '85.
Rogers, Eustace B. '73. 2. U. S. N., Yokohama, Japan.
Ronaldson, William Dunlap. '66. B.A. 1870. 28 N. 38th Street, Philadelphia.
Ross, Augustus Stoughton. '82.
Roth, Gilviu T. '75. 2. Allentown.
Roth, William Sherman. '79. 6. Allentown.
Round, Louis Augustus. '83.
Rowe, Charles. '70. 3. Special.
Ruddle, George Arthur. '82.
Kuik, Charles S. '71. 6. Allentown.
Ryan, Jeremiah. '66. 2.

SARGENT, Fitzwilliam. '75. C.E. 1879. Aurora, Ill.
Sattler, William Richard. ’84.
Sawyer, Louis Mortimer. ’85.
SAYLOR, Henry Carlisle. ’84. 2. Reading.
Sayre, Charles E. S. ’74. 2. Mauch Chunk.
Sayre, Fred. M. ’71. 4.
Sayre, Horace Hendel, B.A. ’85.
Sayre, Robert H., jr. ’69. 1.
Sayre, William Heysham, jr. ’82.
Schaid, John. ’73. 5. Lonacoming, Md.
SCHMICK, CHARLES W. ’75. 6. Special.
Schmidt, Edward Benjamin. ’83. 1. Ilion, N. Y.
Schmidt, John Alexander. ’82. 1. Ilion, N. Y.
Schwartz, Charles William, jr. ’85.
SCOTT, GEORGE C. ’71. Special. Catawissa.
SCudder, Henry D. ’69. C.E. 1872. Trenton, N. J.
SCudder, Wallace M. ’69. M.E. 1873. Publisher Newark Evening News, 844 Broad street, Newark, N. J.
Scull, John Warwick. ’83.
SEAMAN, HARRY J. ’75. 8. Special. Catasauqua.
SEARLE, BARRY. ’79. A.C. 1884. Steelton.
SEMPLE, LEWIS BUCKLEY. ’80. B.A. 1884. Tutor Diocesan School, Reading.
Shane, George Brinkerhoff. ’84.
Shaw, Alexander Proovost. ’82. 6.
Shipman, Eugene Hicks. ’84.
Showmaker, James K. ’66. 4. Mauch Chunk.
SHULTZ, FRED. T. ’74. 2. Special.
Shurtz, Harry Wellwood. ’85. 1. Orange, N. J.
*SICKLER, SAMUEL BRENTON. ’78. C.E. 1882.
Siebert, John Selmer. ’83.
Simon, John Bernard, jr. ’83.
Skirm, Ferdinand Roebling. ’84. 1. Trenton, N. J.
Slingluff, William Herman. ’83. 2. Norristown.
SMITH, Atherhoit. ’83. 2. Larimer.
   New York City.
Smith, Eugene Keteltas. '67. 3. New York City.
Smith, Elliot Otis. '81. C.E. 1885. Athens.
Smith, Francis Timothy. '82. 3. Simsbury, Conn.
Smith, Frank Stewart. '84.
Smith, Raymond Walton. '84.
Smyth, Arthur Moul. '86.
Staden, George V. '73. 6. Red Bank, N. J.
Snyder, Elmer Ellis. '83.
Snyder, George Washington. '81. 7. Pottsville.
Spalding, Fred Putnam. '76. C.E. 1880. Memphis, Tenn.
Spaulding, Russell. '85.
Spengler, John Henry. '82.
Stackhouse, Edwin Stanton. '82.
Stearns, George Herbert P. '70. 8. Special.
Steele, George Palmer. '67. 4. Wilkes-Barre.
Stern, A. W. '74. 4. Special. Chief Cataloguer, Library.
Stetson, Edward Eckert. '82.
Stevens, Charles Burgess. '82. 4. Hartford, Conn.
Stevens, Richard Garth. '82. 1. New York City.
Stevens, Theodore. '82.
Stevenson, William Alonzo. '84.
Stevenson, William Alston. '85. 1. Lewistown.
Stewart, Charles E. '73. 4. Lancaster.
Stewart, James, jr. '86.
Stewart, Murray. '80. M.E. 1884.
Stewart, Robert Daniel. '80. 8. Lancaster.
Stilwell, Cleveland S. '71. 2. Staten Island.
Stilwell, Lewis Buckley. '84.
*Stinson, Robert. '79. B.S. 1883.
Stockett, Alfred Walton. '85.
Stockton, Lewis. '77. B.A. 1881. Care of Bissell, Sicard & Goodyear, Buffalo, N. Y.
Stockton, William B. '77. 2. Phoenixville.
Stoek, Harry Harkness. '83.
Stokes, Wyndham Harvey. '83.
Stott, Walter Edgar. '83. 1. Washington, D. C.
Stout, George Clymer. '78. 1.
Stout, Harry Eugene. '82.
Steele, Emerson Hamilton. '82. 2. Oswego, N. Y.
Stratton, Lewis M. '71. 2. Great Bend.
Strong, Herbert Brightman, '76-7; '79-82. Special. Cleveland, Ohio.
Strunk, Henry Sterner. '81. 1.
Suárez, Miguel Rafael. '83. 3. Sagna la Grande, Cuba.
Surls, Joseph Kiddoo. '82. 2.

Taggart, L. B. '76. 2. Addison, N. Y.
Talmage, James Edward. '82. 2. Special. Provo City, Utah.
Tanner, Alvin Jay. '84. 2. Cannonsville, N. Y.
Taylor, Gilbert Beebe. '83. 4. Smyrna, Del.
Taylor, Lester Clark. '85.
Taylor, William Patterson. '82.
Tencate, Joel Elmer. '83.
*Temple, William Broomall. '81. 5. Died while a student.
Terrell, Owen Otway. '83.
*Terry, William Lee. '84. 1. Died while a student.
Thatcher, John Milton. '81. 3. Westport, Mo.
Thomas, Charles Elihu. '81. 7. Pottstown.
Thomas, George B. '69. 6. Media.
Thomas, J. B. '76. 3. Bladensburg, Md.
Thomas, John William. '83. 3. Hokendauqua.
Thomas, Thomas. '82. 6. Pittston.
Thompson, Frank Frazier. '84. 2. Carlisle.
Throop, Augustus Thompson. '85.
Tolman, Clarence Moncure. '81. M.E. 1885. 38 Carpenter St., Providence, R. I.
Toulmin, Harry. '82.
Toulmin, Priestly. '82.
Turner, Charles Prentice. '83. 1. '86.

Uheling, Theodore Adams. '85. Special.

Van de Water, John Lambden. '84. 3.
Vankirk, Edward Power. '82.
Van Tuyl, Clinton Brazil. '80. 1. Rio de Janeiro, Brazil.
VanWyck, Lawrence. '76. 4. Special. New York City.
Van Zandt, Harry M. '72. 3. Harrisburg.
Veeder, Curtis Hussey. '82.
Voorhees, Samuel Stockton. '84. 2. 2819 P St., Washington, D. C.

Wadleigh, Atherton Blight. '85.
Walker, Clarence. '85.
Walker, George Washington. '85.
Warner, Frederick M., M.D. '73. 8. Special. Jersey City, N.J.
Watson, James Angus. '80. C.E. 1884. Sunbury.
Weakley, Charles Augustus. '80. 5. Special. York.
*Weaver, Charles G. '68. C.E. 1871.
Webb, Philip Sidney. '85.
Webb, William Alder. '85. 1.
Webster, Charles A. '68. 3. Weathersfield Springs, N. Y.
Weierbach, William. '72. 1.
Weimer, Walter Earl. '85.
Weiss, Francis, jr. '72. 6.
Wells, Isaac T. '75. 2. Washington, D. C.
Wells, James Hollis. '81. C.E. 1885.
Wetherill, Charles. '66. 4. Phoenixville.
Wetherill, William C. '66. 2.
Wetherill, Richard Benbridge. '76. 6. Special. LaFayette, Ind.
Wetzel, Harvey Musser. '84.
Whang, Fung Kowai. '79. 4. Ningpo, China.
Wherry, Thomas Maben. '84. 3. South Bend.
White, Frank J. '75. 2.
White, J. Parker. '73. 2. White, Stokes & Allen, New York City.
White, William. '71. 3. Butler.
Whitehead, Robert Lee. '83.
Wiechardt, August Julius. '83.
Wilbur, Harry. '83. 3.
Wilbur, Rollin Henry. '80. 6. Special.
Wilhelm, William Herman. '83. 2. U. S. Military Academy, West Point, N. Y.
Wilkens, Charles McCombs. '84.
Wilkens, Henry August Julius. '83.
*Williams, Daniel Stout, jr. '83. 1. Died while a student.
Williams, David Thomas. '86.
Williams, De Forest Curtis. '80. 1. Bennington, Vt.
Williams, Edward Higginson, Jr., B.A. '73. A.C. 1875; E.M. 1876. Prof. Mining Engineering and Geology.
Williams, Frank. '83.
Williams, John Augustus. '84. 1. Poughkeepsie, N. Y.
Williams, Thomas John. '82. 2. Wilkes-Barre.
Wilson, Arthur Raymond. '83. 5.
Wilson, Henry C. '74. C.E. 1878. Chief Clerk and Consulting Engineer, U. S. Engineer's Office, St. Louis, Mo.
Wilson, John Augustus. '84.
Wilson, Smith V. '71. 6. Clearfield.
Wilson, Winter Lincoln. '84.
Wing Lop, Ph.B. '83. 2. Care Mrs. J. L. Richards, Litchfield, Conn.
Wintersteen, William S. '74. 8. Special.
Wiseman, Edward Benjamin. '84.
Witmer, Nissley Joseph. '83.
Witteman, M. '76. 4. Special. Lanark.
Wittmer, Martin. '77. E.M. 1882. Etna.
Wolfe, John Kern. '81. 2. 3336 Chestnut St., Philadelphia.
Wolle, Clarence A. '66. 6. Special.
Wolle, Lewis T. '73. C.E. 1877. Secretary and Treasurer, Sieberling Milling Co., Akron, O.
Wong, Chung Liang. '79. 4. Canton, China.
Woodall, Harry Rush. '84. 2. Philadelphia.
Woolever, Samuel Saylor. '81. 2. Allentown.
*Woolten, Frederick Copeland. '76. C.E. 1880.
Wright, Archibald. '85.
Wright, Edward Austin. '85.
The following students are candidates for degrees at the coming University Day:

\[ B.A. \]

M. A. DeW. Howe, jr.  
William P. Taylor.

\[ B.S. \]

Geo. R. Booth.  
Geo. A. Ruddle.  
Charles E. Clapp.  
Harry Toulmin.

\[ A.C. \]

H. W. Frauenthal.  
J. W. Richards.  
M. S. Hanauer.  
G. M. Richardson.  
Edward E. Stetson.
THE LEHIGH UNIVERSITY.

C.E.

John H. Spengler.

M.E.


B.M.

R. S. Breinig.  E. S. Stackhouse.
C. A. Luckenbach.  H. E. Stout.

Priestly Toulmin.

E.M.

Irving A. Heikes, B.M.  W. A. Lydon.

E.M. and A.C.

William H. Dean.
1805, Dec. 29, Asa, son of Elisha Packer, jr., born at Groton, Conn.

1833, May, Is "master" of a canal boat on the Lehigh and Susquehanna Canal.

1853, Jan. 7, The Lehigh Valley Rail Road receives its name.

1864, Fall, Organization of a scheme for a University by The Rt. Rev. Wm. B. Stevens, D.D., LL.D., Bishop of Penna., at the request of Judge Packer.

1865, July 27, First meeting of the Board of Trustees, selected by the Hon. Asa Packer, at the Sun Inn, Bethlehem, Penna.: to them he then made a gift of $500,000, and fifty-seven acres of land on the South Mountain to found a University.

Nov. 4, Henry Coppee, LL.D., elected the first President. The plan of the University "was placed in his hands and he has molded the institution in all its compass and details as it stands." (Cf. Dr. Stevens's Sermon, June, 1869.) The Faculty elected.

1866, Feb. 9, The institution incorporated by the Legislature of Penna., under the name of The Lehigh University.

July 1, Ground broken for Packer Hall.

Sept. 1, Applicants were received "For the first two classes only."

The Moravian church of South Bethlehem (bought with the property) "was to-day formally opened, in the presence of the Trustees, Faculty, Students in the First Class, and invited guests, after having been refitted with recitation and lecture-rooms, under the name of 'Christmas Hall.'" Mem. The Chapel was where the dining room now is; the Laboratories were in the present kitchens; the President's Room was in the north-east corner, second floor; the drawing room was on the
North side of the third floor, while the South side was fitted for dormitories. The course was four years and the tuition $100 per year.

The first instructor was Geo. T. Graham, B.A.

"Competition" and "Foundation Scholarships" established. The former "entitle the holders to room-rent, tuition and board free. They are conferred upon such applicants for them as pass the best examination for admission. In order to give due time and knowledge of the competition, application to be examined for these scholarships will be made on or before the first of June in each year. The examination will take place in presence of the Faculty, on the thirtieth of August."

There were three Foundation Scholarships in each class. "To which the scholars, being nominated by the Founder, are appointed by the Trustees." "No student shall be a Foundation Scholar without passing a satisfactory examination, nor can he retain his scholarship without taking the full University course, in the two classes and in one of the Schools. A Foundation Scholarship entitles the holder to room-rent and tuition both free."

The seal of the University is oval in form. "In the upper part is a sun; just below an open Bible; on the Bible is a heart. Thus are represented the three Persons of the ever Blessed Trinity. Around the upper margin are the words of Bacon: 'Homo minister et interpres Natürae.' Around the lower margin are the words: 'Lehigh University,' and just below the Bible: 'Founded by Asa Packer, 1865.'"

1866, Sept. 3, First lecture in "Chemical Physics" given by Professor Wetherill, to the First Class.

1867, June 23, First "University Sermon" preached by Dr. Stevens.

June 25, First "University Day" celebrated in the Chapel of Christmas Hall. "Upon this day the 'Annual Exhibition of Graduates' shall take place." "The exercises
shall consist of orations and colloquies in English, French and German, declamations of selected pieces, and an address to the students by the President or some member of the Faculty.”

Sept. 1, Three classes in the University and the special schools opened. Register shows 50 students.

1868, June 25, Second “University Day.” The examination for “Competition Scholarships” changed to the end of the year instead of at the beginning.

Sept. 1, That part of Packer Hall East of the drawing-room and museum completed and occupied.


1868-9, Erection of Observatory by Robert H. Sayre, Esq.

1869, June 20, Third “University Day.” Inauguration of Packer Hall. First Class graduated.

1871, July 1, The University formally placed under the auspices of the Protestant Episcopal Church. Tuition made FREE by act of the Founder and resolution of the Board of Trustees. Scholarships annulled.

1871, Diocese of “Central Pennsylvania” established. Dr. Howe elected Bishop and President of the Board of Trustees.

1871, “Chemical Society” established in the Fall.

1872, Saucon Hall begun.

Wilbur Scholarship established by Elisha P. Wilbur, Esq., for that member of the Sophomore class who shall take the highest rank in the studies of Sophomore year. Value, $200.

Oct., Engineering Society established.

1873, July, Latin and Greek made optional for entrance examination.

Sept. 1, Saucon Hall occupied.

Nov., Lehigh Journal, makes its appearance.

1874, Dr. Coppée resigns the Presidency and officiates as President pro tempore.
Athletic Association established.

1875, July, John M. Leavitt, D.D., elected President.
Oct., First meeting of the Athletic Association.
Nov., First issue of the Epitome. Established by the Class of 1878.

1876, June, First Alumni Trustees elected by the Board of Trustees.


1878, June 21, The Library dedicated.
The Alumni Association reorganized.

1879, Porter's lodge built at the main entrance to the grounds.

May 17, Asa Packer, Founder of Lehigh University.

Oct. 9, First Founder's Day. New Athletic Grounds opened to the public.

Dr. Leavitt resigns the Presidency.

1880, April, Hon. Robert Alexander Lamberton, LL.D., elected third President.
June 24, Fourteenth University Day. Dr. Lamberton formally inaugurated President.

1881, Oct. 2, Lehigh Burr established.

1882, Spring, University closed on account of small-pox in South Bethlehem.

1882, Gymnasium begun.

1883, Feb. 22, First Junior Oratorical Contest for the Alumni Prizes.
March, Gymnasium opened.

1883, New Laboratory begun.

1884, Feb. 1, Harry Eldred Packer, of the Class of 1870.


1884, Sept. 1, Laboratory completed and occupied.

1885, Memorial Chapel begun.

1885, Oct. 8, Seventh Founder's Day. Corner-stone of the Memorial Chapel laid with appropriate ceremonies.

1886, June, Twenty-Year Book issued.
June 24, Twentieth University Day.
At first "University Sunday" and "University Day" were alone in sharing the honors of this week; and as University Day was celebrated on Tuesday the festivities were soon over. As time passed by and the graduates could no longer be counted on the fingers, the day for commencement was moved towards the end of the week and took its present place. The intervening days were occupied with examinations for the incoming class and with a hop given by the Junior to the Senior class. The banquet of the alumni took place on Thursday evening. When the alumni association began to aspire to regular meetings, the day before University Day was chosen as the time, not to interfere with the exercises of commencement. This was the day on which the Theses were read and "defended" by the graduating class and it is the pleasure of the author to bear witness to hearing one of his classmates closely questioned by the author of the work he was reviewing, as to his authority for some of the statements and deductions made. When the number graduated was estimated by units, this proceeding was not too long or tiresome, but it gradually became so and a change was made by having the Theses read on the morning of University Day "in the abstract," and finally the reading was abolished.

When the alumni were of sufficient importance to desire an "address" by some noted man, they took the evening of their meeting day and displaced the hop. This was then given on Tuesday evening.

It has always been a custom at Lehigh to have class mottoes and colors, and to emblazon both upon a banner with appropriate devices and place in the chapel on University Day. This was done in an informal way until the class of 1883 determined to institute ceremonies on Tuesday preceding University Day, which was vacant in the calendar, and call the day "Banner Day." These ceremonies were patterned after the "Class Day" exercises at other places and have varied from class to class, but usually include an oration when the banner is placed in the chapel.

In this way, by degrees the days have been filled and the week is one of change and interest to all concerned.
UNIVERSITY SERMONS.

1867. Rt. Rev. Wm. B. Stevens, D.D.
1869. Rt. Rev. F. D. Huntingdon, D.D., LL.D.
1870. Rev. Benjamin Watson, D.D.
1873. Rev. C. George Currie.
1875. Rev. Marcus A. Tolman.
1877. Rev. Wm. F. Morgan, D.D.
1880. Rev. Cyrus F. Knight, D.D.
1881. Rev. George Leeds, D.D.
1884. Rev. Wm. A. Snively, D.D.
1885. Rt. Rev. N. S. Rulison, D.D.

SPEAKERS AT COMMENCEMENT.

The names are given in the order of speaking and the Salutatory and Valedictory according to rank are in italics.

          Forstall.
          Wells. Heikes.

COMPETITION SCHOLARS.

Scholars passing highest examination for the Freshman Class. The Scholarship was awarded from 1866 to 1870.

1874. Julius P. Meyer.

FOUNDATION SCHOLARS.

WILBUR SCHOLARS.

1874. W. D. Hartshorne, C.E.
1875. Arthur F. Meaker, C.E., Tutor.
1876. Charles L. Taylor, E.M.
1877. Henry S. Jacoby, C.E.
1878. Lester J. Barr.
1880. Murray M. Duncan, A.C., E.M.
1881. Alexander P. Crilly, B.A.
1882. Charles C. Hopkins, B.S., C.E.
1884. Lewis B. Semple, B.A.
1885. William H. Cooke, B.A.

DECLAMATION PRIZES.

A Silver Medal was awarded for the best Declamation in the Freshman Class.


PRIZE ESSAYS.

Gold Medal awarded to the Sophomore Class for the best essay on "The Lehigh Valley."

1871. Kingston G. Whelen. 1875. "
1872. Not awarded. 1876. "
1873. J. P. S. Lawrence. 1877. Thomas G. Budington.

FOUNDER'S DAY.

The origin of this day is best described in the words of the printed proceedings of the First Founder’s Day which are here appended.

"The Hon. Asa Packer, of Mauch Chunk, appropriated, during his life, nearly one million of dollars for the purpose of founding an institution of learning. To the end that it might be open to all, he declared the instruction to be forever free. It was named by him ‘The Lehigh University.’"

After his lamented death, which occurred on the 17th of May, 1879, it was found that he had bequeathed to it by his will the sum of two millions of dollars. Of this most generous bequest, a million and a half were to be applied to the general endowment of the University; and half a million to establish and maintain a Library, the beautiful edifice for which he had caused to be erected during his life, and had dedicated as a memorial to his daughter, Mrs. Lucy Packer Linderman.

Such unparalleled munificence has excited universal admiration and evoked the liveliest gratitude; it claims also a lasting remembrance. As tending to this purpose, the Faculty of the University appended to their minute of record a resolution to the effect that, the Executive Committee concurring, the second Thursday in October of every year should be observed in his honor, with appropriate exercises, as Founder’s-Day."

Upon this holiday the customary exercises of the University are suspended and in the morning, after the “Memorial Service,” which consists of the reading of Eclesiasticus xlv, to verse 16,
and the offering of prayer, the "Founder's Day Oration" is delivered. In the afternoon the annual sports of the University Athletic Association are held, and in the evening is an exhibition of fireworks in the University Park. The Orators for Founder's Day have been:

1882. Hon. Daniel Agnew, LL.D.
1883. Hon. Eckley B. Coxe.
1884. Wm. A. Hammond, M.D.
1885. The Seventh Founder's Day was celebrated by laying the Corner-stone of the Memorial Church, which Mrs. Mary Packer Cummings is generously building for the University. The stone was laid with appropriate ceremony and service. Addresses were delivered by the Bishop of Pittsburgh, the Assistant Bishop of Central Pennsylvania, and the Bishop of Central Pennsylvania.

THE ALUMNI ASSOCIATION.

On University Day in 1870 there was an informal meeting of the graduating class with two of the graduates of the year before, and, from year to year, the graduates returned and renewed old friendships. There was nothing formal or permanent except the custom of having a banquet on the evening of University Day. One of the graduates who was always present and who took a hearty interest in the affairs of the University as a Trustee and an Alumnus was the late Hon. Harry E. Packer, '70. It was his desire to perpetuate and strengthen the interest of the Alumni in their Alma Mater and to utilize the ideas of such an interested body, as they returned from active life, to aid those who governed the University by calling attention to the matters in which the University seemed to be wanting and which could be ascertained only by such practical experience. His father, our Honored Founder, was of a similar opinion; and during the year 1875-6
these ideas took root in an attempt to secure a permanent organi-
ization by the election of officers, and the selection of Messrs.
Rock and Ronaldson of '69 by the Board of Trustees to represent
the Alumni and be styled Alumni Trustees.

It is thus seen that the initial step was taken by the governing
Board of the University. On June 21, 1877, at a meeting of
Alumni in Packer Hall, the Secretary, H. S. Drinker, ’72, reported
"That he had been requested by the Committee of the Board of
Trustees to say that the following resolution would be presented
and adopted by the Board at their meeting during the day.

"The Executive Committee report that they have adopted and
recommended to the Board of Trustees the following rule in
regard to the election of Alumni to the Board of Trustees.

**First.** There shall be four of the Alumni elected this year; two to
serve one year, and two to serve two years.

**Second.** The Alumni shall nominate by ballot the four members this
year, and two each year thereafter, and submit the names of those so
nominated to the Board of Trustees for confirmation.

**Third.** It is understood that only graduates who have received a
degree shall be entitled to vote for the nominations made, and that
they are entitled to vote only in person.

"The Secretary stated that he had been requested to say, that in-
asmuch as there was no doubt as to the above resolution being
adopted at the Board meeting, the Alumni were requested by the
Executive Committee of the Board to proceed at once to the
election of their nominees, two for one year, and two for two
years, and to send the names into the Board meeting as soon as
they were determined upon."

After electing Reed, ’70, and Drinker, ’71, for the long term
and Rock and Ronaldson, ’69, for the short one, the following
resolution was adopted.

Resolved, That the Alumni of The Lehigh University, present on
Commencement Day, June 21, 1877, recognizing the pointed mark of
confidence and formal recognition which the Trustees have been pleased
to tender the Association, by allowing it full and elective representation
on the Board, desire hereby in this hasty and very informal manner
(owing to the short notice received) to express to the Honorable Board
their sense of the consideration with which the Association has been treated, and their assurance, that so far as their Alma Mater can or will need the love, support and service of her Alumni, she may count now and hereafter, as in the past, on as devoted adherence, as persistent interest, and as steady fidelity to her in the dawning future, as ever college could call for from the sons of her adoption.

At a meeting of the Executive Committee of the Board of Trustees, held May 4, 1878, Rule Third above, for the election of Alumni Trustees was amended to read:

Rule 3. It is understood that only graduates who have received a degree shall be entitled to vote for the nominations made, and that they are entitled to vote in person, or, if unable to attend, by sealed ballot, the latter to be transmitted through the hands of officers of the Alumni Association duly appointed to receive them.

At the regular meeting of June 22, 1881, “The question of the right of members in arrears to vote for Alumni Trustees was raised and after considerable discussion it was decided the votes of members in arrears be not counted.” At the same meeting a committee consisting of Packer, ’70, Drinker, ’71 and Meaker, ’75 was appointed “to draft a resolution with reference to asking for an extension of the term of service of Alumni Trustees.” The committee reported as follows:

“Whereas,—The present term of service of our Alumni Trustees is, in our judgment, a period too limited to give them as our representatives the experience which we deem essential to their efficiency as Trustees,

Resolved,—That we do respectfully ask that their term of service be extended from Two years to Four years, our representation to be elected each year beginning with June, 1882.

Harry E. Packer.
H. S. Drinker.
Arthur E. Meaker.”

This report was presented to the Executive Committee of the Board of Trustees and by them Rule 1. was amended to conform to its suggestion.

From the fact that the Alumni are engaged in professions that allow them no vacation during the summer, it has been im-
possible for them to be present at the meetings of the Association to any great extent and, as they are but few in number, the expenses of publishing and disseminating information have been a burden to many. This will in time be done away with, but, in the past, it has resulted in many becoming in arrears for dues. The subject was mentioned above in regard to the right of such to vote for Alumni Trustees. It came up again at the meeting of June 10, 1883, in an amendment to the constitution by which Section 2 of Article I was to read “Every graduate * * * *, any member or associate in arrears for dues for over three years shall be stricken from the list of members of the Association by the Executive Committee; Provided, however, That any member so stricken from the list shall at any time hereafter be re-admitted to this Association, upon payment, to, the Treasurer, of the amount of dues for which he was in arrears at the time he was stricken from the list, together with the dues for the year current at the time of his re-admittance.”

As there were quite a number who fell under this head, they were notified and given time to remove their names from the roll of those disqualified and, upon a failure to do so, were stricken from the roll of membership. At once the point was raised that the association was no longer of the Alumni as a body, but had become an association within the Alumni. The association was forced to choose between the tendency to destruction by a failure to compel each member to undertake an equal share of work and pay an equal share of the expenses, or a change in its nature that would make it a body within the Alumni, and not representing the whole body of the Alumni. It chose the latter course, as the laws that dropped members from the list were just and were caused by a delinquency on the part of the members themselves. At any time, each member of the Alumni could become a member of the Association and, if all the Alumni would feel a sufficient interest in the University and its welfare to meet their obligations to the Association, it would again represent the Alumni as a body. Accordingly, at the regular meeting of June 17, 1885, the heading of the Constitution was altered from “Articles of Association of the Alumni” to “Constitution of
the Alumni Association." And the Alumni Trustees were hereafter decided to represent the Alumni Association instead of the Alumni; and wherever there was reference to the Alumni in the old constitution it was altered to refer to the Association. This was a step of a considerable degree of importance as the assent of the Board of Trustees was necessary. If they accepted the Alumni Trustees as representatives of the Association, its hands would be strengthened, otherwise it was in danger of going to pieces.

The entrance to the Association was further made dependent upon the payment of a fee and only those graduates of the future could become members who made such a payment. The Board of Trustees at their annual meeting was impressed with a similar view of the subject and recognized the Trustees of the Alumni as representing the Association. They argued that a spirit of interest in the affairs of the University was best shown by meeting the obligations of the Association or by an attempt to change them, and therefore they would delegate to those who met their obligations the right of nominating their representatives to the Board. Such has been the history of the Association of the Alumni. It began in informal meetings for the purpose of renewing old friendships, and through the leadership and sympathy of the late Hon. Harry E. Packer, '70, it is now an influential organization. The officers of the organized Association have been:

1876-7. C. E. Ronaldson, President.
H. S. Drinker, Secretary.

1877-8. As the "Articles of Association" had been partially adopted the officers were:
C. E. Ronaldson, Chairman.
C. L. Taylor, Secretary and Treasurer.
A. E. Meaker, Recording Secretary.

1878-9. The present constitution (in the main) was adopted at the meeting in 1878 and the officers for the year were:
Wm. R. Butler, President.
James S. Polhemus,
R. B. Claxton, (Vice Presidents.
C. L. Taylor, Secretary and Treasurer.)
1879-80. H. S. Drinker, President.
   W. H. Baker,
   E. H. Williams, jr., Vice Presidents.
   C. L. Taylor, Secretary and Treasurer.

1880-1. C. W. Haines, President.
   R. Brodhead, Vice Presidents.
   L. T. Wolle, Vice Presidents.
   A. E. Meaker, Secretary and Treasurer.

1881-2. C. L. Taylor, President.
   W. D. Hartshorne, Vice Presidents.
   H. F. J. Porter, Vice Presidents.
   A. E. Meaker, Secretary and Treasurer.

   H. F. J. Porter, Vice Presidents.
   A. Bruner, Vice Presidents.
   H. S. Houskeeper, Secretary and Treasurer.

   R. B. Claxton, Vice Presidents.
   A. E. Meaker, Vice Presidents.
   H. S. Houskeeper, Secretary and Treasurer.

1884-5. E. H. Williams, jr., President.
   Miles Rock, Vice Presidents.
   W. P. Rice, Vice Presidents.
   Charles Bull, Secretary and Treasurer.

1885-6. E. H. Williams, jr., President.
   G. A. Jenkins, Vice Presidents.
   C. C. Hopkins, Vice Presidents.
   Charles Bull, Secretary and Treasurer.

The Alumni Trustees are given with the list of Trustees.
Addresses have been delivered before the Association as follows:

1878. Hon. Eckley B. Coxe.
1879. Dr. R. W. Raymond.
1883. Dr. Thomas M. Drown.
1884. Prof. A. J. DuBois, Ph.D.
1885. Prof. C. L. Doolittle, C.E.
1886. An address has been promised by one of our oldest students, Prof. Samuel P. Sadtler, Ph.D., F.C.S., of the class of 1869.
THE CHEMICAL SOCIETY.

When the present incumbent of the chair of Chemistry came to Lehigh he organized a Society to cover the ground left vacant by the Junto and to give the students practice in discussing matters of a technical nature. The new organization was to devote itself to the Sciences of Chemistry and Chemical Physics and it was called The Chemical Society. Its members were elected from all the departments of the University and its meetings were always well attended and interesting during the first five years of its existence. As it was of a quasi-secret nature it may not be in order to say more than that the Society was a material aid in acquiring familiarity with the Sciences before mentioned as well as with the Natural Sciences. Papers of a tendency toward the last named increased, so that a change in name was advocated during 1875, and in that year the name was extended to The Chemical and Natural History Society.

Among the purposes of the organization was the gathering of a cabinet of specimens and, as this grew in size and demanded care and safety, the rooms in the tower under the President’s room were given to the Society, and cabinets were placed around the walls to receive the treasures already gathered. It seems strange at the present time to think of the entire dispersal of such a collection, but such is the case, and the objects now adorn the collections in the various departments with no mark to show their origin. To extend the collection, a sum of money was secured and an expedition sent through the South, as far as Texas, to collect Natural History specimens. A second expedition went to Brazil and brought home many valuable articles. The birds and insects have been destroyed long ago, but the utensils and weapons still remain. The next acquisition was the greater part of the present large collection of birds by raising the necessary money among the friends of the Society, of whom the Hon. H. E. Packer was one.

A second method of instruction was adopted by the Society and extended to the general body of students and to the community at large. For three years an entertaining course of
lectures was given by distinguished Physicists, assisted by mem-
bers of the Faculty of the University. A nominal entrance fee
was charged to defray expenses and publish the lectures. In the
archives of the Society are to be found the photographs of its
honorary members with autograph letters from each. The list
includes all the great names at home and abroad in the sciences
affected by the Society, and is invaluable, as a greater part have
passed away, and such archives could not be duplicated.

The Society declined in numbers during the falling off in the
number of students and lost its influence from the fact that one
of the secret fraternities acquired complete control and absorbed
nearly all the offices. Under the circumstances it was unfortunate,
for, though that society represented the brains of the college, it
decided to elect no more members and died. In the meantime
the opposing elements had resigned from membership and so the
Chemical Society went to the wall. It was attempted to revive
the organization in 1883, but its life was ephemeral and its name
must remain on the list of experiments till Lehigh has a class of
students who are willing to work. A great many original papers
of marked value were read at the monthly meetings and some
were published in the scientific periodicals of the day. One has
gone to illustrate a peculiar method of the formation of minerals
in the text-book used at date.

The organization of this Society is the best, in the opinion of
the author, that existed in the past and, with a renewal of interest
in the subjects above given, there will come a revival of the
Society.

THE ENGINEERING SOCIETY.

In September, 1872, the Seniors and Juniors in the engineer-
ing schools established the Engineering Society under the
guidance of Professor Charles McMillan. Its meetings were in-
formal until February, 1873, when an organization was perfected;
a constitution adopted, and regular officers elected. It held its
meetings in the recitation room now used for the same purpose until the Fall of 1874, when it found it too small for its wants and thereupon obtained permanent quarters in the north-east room, fourth floor, of Packer Hall, where it gathered a large collection of photographs of tools, bridges, machinery and other engineering subjects, as well as numbers of models of similar articles.

This room was used by the members as a study during the morning hours, and there were held the weekly meetings. Its walls were hung with its photographic collections and with the large sketches used by the members to illustrate the papers read. The interest in the meetings was kept at a high standard and papers of marked ability were read by its members. Among them were studies upon the efficiency of earthen embankments for reservoirs (called out by the Mill River Disaster) which required several months of actual observation to complete; a graphical method of determining the earth-pressure upon the key-stones of arches, and others of equal merit and originality. With the departure of Professor McMillan the main-spring of the society was lost, and it died. Its archives were scattered and its rooms used for other purposes. It has been revived for longer or shorter periods since that time, and now seems to have acquired momentum sufficient to keep it in motion. It has published a Journal during the past year in quarterly issues. The articles were furnished by active members, graduates and members of the Faculty. It fills a much needed place in the life of the undergraduate, and calls forth just the sort of original and accurate work that is wanted in the engineering professions.

Its officers have been:

T. Merritt, '74. Vice President.
J. P. S. Lawrence, '73. Secretary.
W. D. Hartshorne, '74. Treasurer.
St. John Cox, '74. Librarian.

Caspar W. Haines, '74. Vice President.
William D. Hartshorne, '74. Secretary.
Charles J. Bechdolt, '75. Treasurer.
William G. McMillan, '75. Librarian.
1874-5. Arthur E. Meaker, '75. President.
    Walter P. Rice, '76. Vice President.
    Carl F. Zogbaum, '75. Secretary.
    William A. Lathrop, '75. Treasurer.
    Charles J. Bechdolt, '75. Librarian.
1875-6. Edward H. Williams, jr., '75. President.
    Lewis T. Wolle, '77. Vice President.
    C. W. E. Reichel, '76. Secretary.
    W. B. Baldy, '76. Treasurer.
1876-7. Lewis T. Wolle, '77. President.
    Charles Bull, '78. Vice President.
    H. M. Byllesby, '78. Secretary.
    Frank Perley Howe, '78. Treasurer.

    E. Ricksecker, '82. Vice President.
    S. B. Sickler, '82. Secretary.
    R. Morrow, '82. Treasurer.
    H. A. Porterfield, '83. Vice President.
    T. Nicholson, '83. Secretary.
    E. K. Bachman, '83. Treasurer.

1884-5. F. B. Petersen. President.
    D. K. Nicholson. Vice President.
    T. W. Birney. Secretary.
    W. N. Edson. Treasurer.
    H. W. Rowley. Librarian.
    J. S. Seibert. Vice President.
    R. S. Breinig. Secretary.
    A. S. Ross. Treasurer.
    C. H. Veeder. Librarian.

THE MINING CLUB.

In 1884 the Engineering Society was practically dead and there seemed to be little chance of its revival. The Professor of Mining Engineering interested the Mining Engineers of the
class of 1884, in an organization of a nature similar to that of Engineering Society, but established upon a different basis. Membership in the new organization was to be limited to those of high stand or peculiar aptitude in their branch of study, and was not to exceed a definite number. The idea of selection was to make membership in the Society desired by the scholars of the Mining Course, and valued by those who possessed it. The Club has an organized system of work in Mining, Metallurgy, Geology, and kindred topics, and makes excursions to points of interest. The members are divided into sections that study definite subjects during one term and report upon the same at its close. Membership is confined to the Junior, Senior and Post-Senior years. The members wear a gold mining badge of a peculiar design. The members are:

1883. F. H. Purnell, C.E., E.M.
1885. H. L. Bowman, B.M. I. A. Heikes, B.M., C. Whitehead, B.M.

TOWN AND GOWN.

To the historian the name of Bethlehem, Penna., calls up only the courage and the privations of those noble souls who took their lives in their own hands and carried the Gospel to the Indians in the early part of the eighteenth century. “Bethlehem” and “Moravian” are almost synonymous and whenever you read a description of one or the other you will find an abundance of such adjectives as “quiet,” “peaceful,” etc. These were eminently characteristic of the people who built the quaint old town on Bethlehem hill, though that town is almost a thing of the past, owing to the destruction of nearly all the houses of the last century and the influx of people of other communions.
To a quiet people a steady growth may be deprecated if it be towards noise and bustle, but it comes so gradually that it wins the young who are coming upon the stage as active agents and insensibly encroaches upon and obliterates the customs of the times. If, however, upon a people possessing such traits, there should be forced a sudden and unpleasant change in the shape of an incursion of students from an institution without well-known and venerable laws, there would be naturally an outburst of disgust at the coming of such an element, and of fear for the future, Time has softened this feeling on the one hand, and increased the restraining influences on the other, but there remains in the hearts of many of the elders of Bethlehem a longing for the quiet of the past. In the past there have been many clashes between the student element and that of the town, in which the blame can be nearly equally divided. The prominent parties in these were not of the highest grade and as the troubles usually occurred at night, we will leave their history under that friendly shade, merely saying that in none were there fatal or dangerous results. At present the student element is recognized as advantageous, owing to the amount of money brought into the community, and the constantly increasing trade from this stimulant, so that the future opens with promise of a continuance and increase in the friendly relations now established.

THE "ATMOSPHERE" OF LEHIGH.

After an acquaintance with thirteen of the twenty years of the existence of Lehigh, the writer has been able to acquire a quite fair estimate of the ideas that have dominated the student mind. Of more advanced age than the average student and coming as an alumnus of one of our largest colleges, he was fitted to form an opinion. There has been a double movement among the undergraduates in the time specified. The Lehigh of the past was in its infancy. Rules were in process of formation. Traditions had no existence. The student at this period was forced
upon his own resources for that extra curriculunm portion of his education, and this developed certain abilities that are absent in the student of to-day. The athletic records of those days are still standing unbroken to attest the fact that, with fewer facilities, the work was better done. It required more self-denial to excel in those days and the self-denial and persistency toward the required end were the means that insured success. The scholarship of that period was of a higher class, because there was more dependence upon self and less upon fictitious helps.

There is scarcely an institution in the country where the wants of the students are as fully satisfied as they are at Lehigh. With freedom of tuition has come a multiplicity of gifts that are not appreciated by the average student. If it were necessary to put one's hand into one's pocket, whenever there was to be a hop, for the means of hiring the hall and music; if the athletic grounds were at a distance and required large sums to keep in repair; if the traveling expenses were on a par with those of the students of other institutions; it would open the eyes of all to the many advantages poured out to the undergraduates by the powers that be. In the opinion of the writer it would be far better to revert to the condition when he was an undergraduate, the condition just described when each had a moneyed interest in the affairs of the student world and an interest obtained by foregoing many of the luxuries that are now necessities. Each man was an owner in the glories gained by hard work and pluck, and when an enterprise was started, the fence was not lined with a crowd of scoffers.

In those days the uniform was not donned and the photograph taken until something had been accomplished. In this respect there has been a falling away in the student character. Instead of ideas of permanence, each class seeks to undo what has been accomplished by its predecessor, without attempting to ascertain whether it were well or ill performed. With the influx of larger numbers there will, however, arise more of a competitive spirit and with more individual effort there will be little to be desired toward attaining a high rank among the institutions of the country; for wherever there has been hard work there has been success.
On the other hand there has been a progress toward a higher standard in many respects. The mock-programme, that puerile attempt at wit that, too often, trenched upon indecency, is happily a thing of the past. It is characteristic of preparatory schools and requires intellect of a low grade to compile or appreciate. Its traces are fitfully seen in several of the issues of the Epitome and it is passing away. “Hazing” is also a thing of the past, as there was a decided intent among the powers that be, to take a hand in each affair. It did not need this to give it its quietus as it was condemned almost unanimously. There is a singular and pleasing absence of a desire to maltreat and abuse the newly arrived undergraduate and it exists to a higher degree at Lehigh than in the vast majority of institutions. The outbreaks of spirit are evanescent and harmless, and the student of Lehigh, from the moment that he finds he is treated as a man, puts on manly attributes. In this respect, therefore, there is an advance from the old standards. There is room for improvement, however.

THE LITERARY SIDE.

The most conspicuous phase of this element is its almost entire absence from the student life where it is not required by the curriculum. From time to time there have been attempts from members of the Faculty, and among the students themselves, to perfect an organization that would allow them to cultivate their literary tastes with more freedom than would be allowable within the walls of the class-room. This brief sketch will endeavor to describe the varied attempts toward attaining that end, without attempting to account for the failures that invariably resulted. It is to be hoped that the coming student will be imbued with more pluck and self-denial than his predecessors, and that we may arrive at the period where Lehigh can boast of a few institutions that are of sufficient antiquity to have traditions.

The first attempt at a Literary Society was the best and most lasting of all. The “JUNTO” was established by Dr. Potter in 1866 and it survived eight years, with constantly diminishing
interest, until all that was left was the list of officers in the first issue of the Epitome.

The second attempt was a more pretentious one of the Class of 1883, when Sophomores. They established in their own class an organization styled "The Lehigh University Literary Society." During the first year the interest was maintained. In 1882 the membership was extended to the University and a number of the members of 1884 were prominent. It crystallized in a neatly printed "Constitution and By-Laws," covering eighteen pages, and in an equally neatly printed "Certificate of Membership" fashioned after a diploma, and died during the Summer of 1882. The Lehigh Journal and the Burr are mentioned elsewhere and the latter is only kept from the fate of the former by the superhuman efforts of its editors, if one can judge by the prevailing tone of its editorials.

The cause of the above is discussed at length under another head.

THE LEHIGH JOURNAL.

This was started in the Fall of 1873 by the Class of 1876 and was edited by members of that Class alone. It was issued monthly and completed the year 1873-4. This volume was of nearly the size of the Burr and averaged ten pages to a number. During the second year it did not receive a decided support from the students and was issued in a newspaper form by a single editor. After four numbers the publication ceased.

The initial number was issued in November, 1873, with the following Board:

Editors.

C. N. Lauman, F. K. Bacon, S. M. Bines.

Managers.

W. L. Raeder, L. W. Richards.

During the second year it was published by C. N. Lauman.
THE TWENTY-YEAR BOOK OF

THE EPITOME.

This is the oldest of the existing publications of the University and is of the same style as the host of imitators of the Yale Banner which was issued in 1844 by W. E. Robinson.

The Epitome was the result of a feeling on the part of the class of 1878 that Lehigh should be represented in its social aspect, and in the Fall of 1875 that class elected its board of editors. It was thus published by the Sophomore class until the Fall of 1884 when it was decided to make it a Junior publication and, not to impose two issues upon one class, the issue of that year was edited by a board representing each class in the University. The issue of the current year is the first under the new system. A comparison of the various issues with one another and, as a whole, with those of other institutions, shows a growth in size and scope as well as in literary ability, but the standard is not above the average, as there has been too much of a tendency to allow the introduction of matter of a scurrilous and abusive nature. This tone does not reflect the spirit of Lehigh University, and it is to be hoped that the tendency to throw mud because an opportunity is offered, will gradually die out and we may be represented by a fair, impartial and clean publication of the style that characterizes the large and living institutions, leaving the belittling tendencies to primary schools and cross-roads academies. The artistic element has grown until the Epitome has no longer to hire its illustrations. The following are the editors:

In the Spring of 1881, when the Class of 1883 were carrying on the "Literary Society," one of that class and a member of the Society, George Leighton, became impressed with the idea that the time was favorable for starting a paper, and took into his confidence Charles C. Hopkins and John D. Ruff, both of the Class of 1882. To these three the University owes the Burr. They recognized the prevailing spirit at Lehigh to decry anything new, and felt, that if to this were added class and fraternity feeling, there would be little chance of life for their project. After deliberation they determined that a certain "Board of Editors" should be chosen; that this board should elect its own successors, and thus insure permanency as well as remove the paper from the control of Classes or Fraternities.

To give the board an impartial start, they determined that Mr. Leighton should take the board chosen before the Literary Society, and have them endorse the scheme and "select the board." So well was his work done that the society was pleased to elect the men proposed by Leighton, and thus furthered the scheme. The men to whom were committed the trust were Charles C. Hopkins and John D. Ruff, from 1882; N. O. Goldsmith, George Leighton and R. R. Peale from 1883; and H. B. Douglas and A. P. Smith from 1884. The projector of the scheme was forced to leave Lehigh at the end of the year, from no fault of his, and, at the September following, the board elected S. D. Morford of 1884 to take his place, at their first meeting,
Sept. 12, 1881, when the officers were elected. The choice of a name was the topic of every meeting that followed until Oct. 2, 1881, when "The Lehigh Burr" was chosen, with the motto "Don't sit on me." This has never appeared on the paper and is perhaps unknown to the majority of Lehigh men. The first number was issued Oct. 22, 1881. The Burr speaks for itself, and has been a great educator, in that it has helped to weed out many poor customs; has advanced the tone of Lehigh; and has united the many classes by breaking down petty jealousies. Its Editors have been:

<table>
<thead>
<tr>
<th>Year</th>
<th>Editors</th>
</tr>
</thead>
</table>
ATHLETICS.

If there has been one single subject upon which the student mind has shown a uniform persistence, it has been upon the subject of Athletics. The first Register promises a Gymnasium and the second speaks of a rowing club established "for the manly and admirable exercise of the oar." In 1868 the students petitioned the Faculty for the Gymnasium. This petition was repeated in various forms by successive classes. The subject was not allowed to rest with petitions but, in the bed rooms of some of the undergraduates who lived in Packer Hall, there grew small gymnasia where the muscular element was developed. In 1874 the south-east room in the fourth floor of Packer Hall was given by the President to a club selected from the various classes and by them fitted with rings, horizontal and parallel bars, clubs, dumb-bells and other appliances and in this room there was a steady and uniform system of exercise during the greater part of the year. Unfortunately for the club, the building was not made for such a purpose and, after loosening, the plastering in the lecture-room of the Professor of Engineering, below, the club and its apparatus was without a local habitation, the name alone remaining. In the Epitome for 1875, the first issue, one of the cuts depicted the student as viewing through a telescope the approach of the gymnasium upon the back of a turtle. Below was the motto, "Slow but Sure." With our present well-appointed building and our "Harvard System" we can afford to be very complaisant when we think of the past and may affect to belittle the efforts of the students of that period. This article will briefly sketch the work done and the conditions under which it was performed and thus afford a more accurate means of comparing the "Then" with the "Now."

The first number of the Lehigh Journal, Nov. '73, opens with an editorial upon the subject of athletics. The succeeding numbers show an increased interest in the subject, and in the March number for 1874 we read,

"Resolved, That the students of Lehigh University hereby create an association to be known as the Lehigh Athletic Association;"
That any student shall become a charter member of the same upon payment of an initiation fee of $10;

That the books for membership be opened immediately;

That a committee be appointed to solicit and receive names and fees for membership, to turn the same over to the proper officers when such are elected;

That additional subscriptions be solicited from any student so disposed, to be applied to the general fund of the Association, and the amount thereof to be placed to his credit on account of monthly dues;

That the fund so provided be applied to the equipment and maintenance of a gymnasium, and to such other purposes as the Association may hereafter direct;

That the vigorous co-operation and support of every student be hereby urged;

That a committee be appointed which shall, upon completion of the membership roll, wait upon the Executive Committee of the Board of Trustees and inform them of the action of the Association and request the erection of an appropriate building.

This action was due to the promise of Judge Packer to give “dollar for dollar” for all that should be raised. Several thousand dollars were subscribed by the students but, through some hitch, the gymnasium existed only in the imagination. The vigorous action of the students bore fruit in calling their attention to the subject of general athletics, which was occupying the minds of the students of Harvard, Yale, and one or two other institutions, and which terminated in the present Inter-Collegiate Athletic Association. At first the matches were for running and standing broad jumps between the would-be athletes on the campus near Saucon Hall. A foot-ball was procured and, impromptu matches followed. At that time the campus was thickly covered with trees and there was no “central avenue” or open space and the matches were varied in a delightful way by the rebounding of the ball from the tree trunks.

Short races were held upon the tow-path of the canal. The most energy was displayed in base ball, however, and the grounds were in the lot to the westward of Brodhead avenue. The class
of 1876 had the champion nine during their stay in Lehigh and they had the advantage of numbers also. The succeeding classes caught their energy and improved upon their practice so that, though, the number of students began to decrease, the athletic spirit was growing and the best athletic work ever done at Lehigh was when the total number of students was less than one hundred. During this period there was no formal organization and the "officers" were for the day upon which the sports were held. The present constitution was adopted in February, 1884, and since that time the interest in the work of the L. U. A. A. has increased. As there was no fixed standard, the "new brooms," at the beginning of each year, swept away the work of the year previous and initiated something for their successors to destroy. They could not destroy the athletic grounds, however, though they might repair the track on the day before the sports and thus render it unfit for use. During the Fall of 1885 the Association became impressed with the idea that it was for the best interests of athletics for something permanent to be acquired, and they added to their executive committee four graduates to act as a balance wheel, and carry the work from year to year. The future will show the results of the change.

The first of the sports to be briefly described will be that of base ball. Our only rival of any prominence at that time was Lafayette College, and we are sorry to say that our efforts have been uniformly unsuccessful in that direction. The first uniform for the University nine was adopted in 1875, after the colors brown and white were chosen, and it consisted in a white suit and cap with brown trimmings, and a brown-edged shield with the year and L. U. upon the front of the shirt; the cap had brown cord in the seams; the knee-breeches were bound with brown and the stockings were brown—a very tasty uniform and one easily soiled.

In the Fall of 1875 a "University crew" was organized and the room on the ground-floor of Saucon Hall, on the left of the entrance, fitted with rowing weights and dumb-bells. Nothing was accomplished, as there was no suitable place for practice on the river, and the canal level could not be obtained for that purpose.
At one time it was determined to erect a low dam below the old bridge, in order to do away with the rapids at the island, but the periodical high water put out of the question the erection of a boat-house on the banks, unless land was purchased at a distance from Bethlehem. After appearing in the *Epitome* and training vigorously for one season, the "crew" fulfilled its destiny and disappeared.

Foot-ball and Lacrosse are making their way toward a solid foundation, but they are both too newly introduced to have made much of an impression upon the twenty years herein described, and their history will be left for future writers.

Track sports are all that remain, with their offspring the "Winter Meetings," in the Gymnasium. Instead of commenting upon them at all, a record of the various winners of the events and the dates of each will be given. A table at the end will enable each one to form his own opinion concerning the progress of this branch of athletics at Lehigh. This list is imperfect, owing to no record having been kept by the Association; and has been gathered from copies of the *Epitome*, the files of the *Daily Times*, and cards of the meetings that have survived the lapse of time. Where two records are given in one year, the first is for the Spring, the latter for the Fall meeting.

The article should not be closed without a reference to "Hare and Hounds" which has evidently "come to stay" and to Lawn Tennis. In this latter game we can take some pride, as we hold the championship in singles and doubles for the Southern States, Davis, '86, holding the former and Davis and Porter, '89, the latter. Owing to the small amount of time which can be given to athletics, the greatest praise should be given to those who attempt to excel in this line.

**RECORDS 1875–86.**

*Putting 21 lb. Shot.*

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1876</td>
<td>Paret, '79</td>
<td>23 ft 9 in</td>
</tr>
<tr>
<td></td>
<td>McNulty '80</td>
<td>24 &quot; 0 &quot;</td>
</tr>
<tr>
<td>1877</td>
<td>Same</td>
<td>25 &quot; 6 &quot;</td>
</tr>
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</table>
## Putting 16 lb. Shot

<table>
<thead>
<tr>
<th>Year</th>
<th>Throwing Name</th>
<th>Year</th>
<th>Throwing Name</th>
<th>Distance</th>
<th>27 ft</th>
<th>28 ft</th>
<th>29 ft</th>
<th>30 ft</th>
<th>31 ft</th>
<th>32 ft</th>
<th>33 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>1876</td>
<td>L. W. Richards, '76</td>
<td>McNulty, '80</td>
<td>27 ft</td>
<td>27 1/2 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1877</td>
<td>Potter, '80</td>
<td>Same</td>
<td>32 ft</td>
<td>3 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1878</td>
<td>Same</td>
<td>Same</td>
<td>30 ft</td>
<td>3 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1879</td>
<td>Strong, '81</td>
<td>Potter, '80</td>
<td>28 ft</td>
<td>0 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1880</td>
<td>Wilson, '83</td>
<td>Same</td>
<td>32 ft</td>
<td>2 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1881</td>
<td>Same</td>
<td>C. H. Stinson, '83</td>
<td>34 ft</td>
<td>6 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1882</td>
<td>Wilson, '83</td>
<td>Same</td>
<td>34 ft</td>
<td>11 1/2 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1883</td>
<td>Rhoads, '85</td>
<td>Same</td>
<td>32 ft</td>
<td>0 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1884</td>
<td>Ladoo, '87</td>
<td>Same</td>
<td>35 ft</td>
<td>11 1/2 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

## Throwing 9 lb. Hammer

<table>
<thead>
<tr>
<th>Year</th>
<th>Throwing Name</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1877</td>
<td>Paret, '78</td>
<td>64 feet 7 1/2 inches</td>
</tr>
<tr>
<td>1878</td>
<td>Potter, '80</td>
<td>91 feet 10 inches</td>
</tr>
</tbody>
</table>

## Throwing 16 lb. Hammer

<table>
<thead>
<tr>
<th>Year</th>
<th>Throwing Name</th>
<th>Distance</th>
<th>25 ft</th>
<th>26 ft</th>
<th>27 ft</th>
<th>28 ft</th>
<th>29 ft</th>
<th>30 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>1876</td>
<td>Nowlan, '76</td>
<td>Paret, '78</td>
<td>54 ft</td>
<td>4 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1879</td>
<td>Wittmer, '82</td>
<td>Wilson, '83</td>
<td>64 ft</td>
<td>11 1/2 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1880</td>
<td>Same</td>
<td>Same</td>
<td>70 ft</td>
<td>6 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1881</td>
<td>Fall; Morrow, '83</td>
<td>62 ft</td>
<td>3 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1882</td>
<td>Wilson, '83</td>
<td>68 ft</td>
<td>2 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1883</td>
<td>Rhoads, '85</td>
<td>Same</td>
<td>64 ft</td>
<td>11 1/2 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1884</td>
<td>Ladoo, '87</td>
<td>72 ft</td>
<td>3 3/4 inches</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

## Three Mile Walk

<table>
<thead>
<tr>
<th>Year</th>
<th>Throwing Name</th>
<th>Time</th>
<th>29 min.</th>
<th>27 1/2 sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1876</td>
<td>Porter, '78</td>
<td>29 min.</td>
<td>27 1/2 sec.</td>
<td></td>
</tr>
<tr>
<td>1877</td>
<td>Read, '78</td>
<td>28 min.</td>
<td>30 sec.</td>
<td></td>
</tr>
</tbody>
</table>

## Two Mile Walk

<table>
<thead>
<tr>
<th>Year</th>
<th>Throwing Name</th>
<th>Time</th>
<th>18 min.</th>
<th>19 1/2 sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1877</td>
<td>Fall; Reed, '78</td>
<td>18 min.</td>
<td>19 1/2 sec.</td>
<td></td>
</tr>
<tr>
<td>1879</td>
<td>Spring; Emmerich '82</td>
<td>17 min.</td>
<td>2 sec.</td>
<td></td>
</tr>
</tbody>
</table>
Mile Walk.

1876. Hazlett, '78
Reed, '78
9 min. 19 3-4 sec.
8 " 37 1-2 "
8 " 16 "
8 " 21 1-2 "
8 " 21 "
9 " 13 "
7 " 56 1-2 "
8 " 29 3-4 "
8 " 9 "
8 " 47 1-2 "

1877. Same
1878. L. Stockton, '81
Brooke, '80.
1879. Emmerich, '82.
Same
1880. Same
Abbott, '81.
1881. Emmerich, '82.
Baldy, '85.
1882. Miller, '83
1883. Same
Nagle, '86.
1885. Siebert, '86

1878. Potter, '80
Same
8 feet 0 inches.
8 " 11 "
7 " 6 "
8 " 0 "
8 " 7 "
8 " 6 "
8 " 5 "
9 " 7 "
8 " 9 "
8 " 1 "
8 " 7 "
8 " 0 "
8 " 0 "
8 " 1 1-2 "
7 " 10 "

Pole Vault.

1878. Potter, '80
Same
1879. Briner, '80
Potter, '80.
1880. Dalrymple, '83
Same
1881. Same
{ Dalrymple, '83
{ Godshall, '84 (Handicap 1 feet 5 inches)
1882. Thatcher, '85
1883. Dalrymple, '83
Douglas, '84
1884. Moore, '88
1885. Mish, '89

Standing Broad Jump.

1876. Porter, '78
McNulty, '80.
1877. Same
Paret, '78.
1878. "
8 feet 10 inches.
8 " 10 "
9 " 0 "
8 " 7 "
<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Distance</th>
</tr>
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<tbody>
<tr>
<td>1878</td>
<td>W. H. Bradbury</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Duncan, '80</td>
<td>8</td>
</tr>
<tr>
<td>1879</td>
<td>Sargent, '79</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Goodnow, '83</td>
<td>8</td>
</tr>
<tr>
<td>1880</td>
<td>Same</td>
<td>8</td>
</tr>
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</table>

**Running Broad Jump**

<table>
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<th>Year</th>
<th>Name</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1877</td>
<td>Potter, '80</td>
<td>14 feet 11</td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>14</td>
</tr>
<tr>
<td>1878</td>
<td>Same</td>
<td>16</td>
</tr>
<tr>
<td>1879</td>
<td>Dickinson, '80</td>
<td>16</td>
</tr>
<tr>
<td>1880</td>
<td>Wilson, '83</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>Janney, '83</td>
<td>17</td>
</tr>
<tr>
<td>1881</td>
<td>Myers, '84</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>C. H. Stinson, '83</td>
<td>17</td>
</tr>
<tr>
<td>1882</td>
<td>Rhoads, '85</td>
<td>18</td>
</tr>
<tr>
<td>1883</td>
<td>Same</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>18</td>
</tr>
<tr>
<td>1884</td>
<td>Massenberg, '88</td>
<td>17</td>
</tr>
<tr>
<td>1885</td>
<td>Polk, '87</td>
<td>17</td>
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</tbody>
</table>

**Throwing Base Ball**

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<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1875</td>
<td>Hammond, '79</td>
<td>(under 300 feet) record lost.</td>
</tr>
<tr>
<td>1876</td>
<td>Owen, '77</td>
<td>311 feet 0 inches.</td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>300</td>
</tr>
</tbody>
</table>

**Standing High Jump**

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1880</td>
<td>Goodnow, '83</td>
<td>4 feet 2 inches.</td>
</tr>
<tr>
<td>1881</td>
<td>Dalrymple, '83</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>C. Stinson, '83</td>
<td>4</td>
</tr>
</tbody>
</table>

**Running High Jump**

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1876</td>
<td>Kilpatrick, '80</td>
<td>4 feet 6 inches.</td>
</tr>
<tr>
<td>1880</td>
<td>Morrow, '82</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>4</td>
</tr>
<tr>
<td>1881</td>
<td>Same</td>
<td>5</td>
</tr>
<tr>
<td>1882</td>
<td>Fleming, '86</td>
<td>5</td>
</tr>
<tr>
<td>1883</td>
<td>Luckenbach, '86</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>4</td>
</tr>
<tr>
<td>1884</td>
<td>Davis, '86</td>
<td>5</td>
</tr>
<tr>
<td>1885</td>
<td>Langdon, '87</td>
<td>5</td>
</tr>
</tbody>
</table>
### Mile Run.

<table>
<thead>
<tr>
<th>Year</th>
<th>Runner</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1880</td>
<td>Cranz, '81</td>
<td>5 min. 37 1-2 sec.</td>
</tr>
<tr>
<td></td>
<td>Donahoe, '83</td>
<td>5 &quot; 14 1-2 &quot;</td>
</tr>
<tr>
<td>1881</td>
<td>Same</td>
<td>5 &quot; 4 3-4 &quot;</td>
</tr>
<tr>
<td>1882</td>
<td>Kops, '83 (handicap)</td>
<td>5 &quot; 20 1-2 &quot;</td>
</tr>
<tr>
<td>1883</td>
<td>Donahoe, '83</td>
<td>5 &quot; 47 &quot;</td>
</tr>
<tr>
<td></td>
<td>P. Toulmin, '86</td>
<td>5 &quot; 18 1-4 &quot;</td>
</tr>
<tr>
<td>1884</td>
<td>Same</td>
<td>5 &quot; 30 &quot;</td>
</tr>
<tr>
<td>1885</td>
<td>Van Kirk, '87</td>
<td>4 &quot; 59 &quot;</td>
</tr>
<tr>
<td>1886</td>
<td>Same</td>
<td>4 &quot; 55 2-5 &quot;</td>
</tr>
</tbody>
</table>

### Half Mile Run.

<table>
<thead>
<tr>
<th>Year</th>
<th>Runner</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1876</td>
<td>Nostrand, '78</td>
<td>2 min. 28 sec.</td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>2 &quot; 19 1-2 sec.</td>
</tr>
<tr>
<td>1877</td>
<td>No event till</td>
<td></td>
</tr>
<tr>
<td>1878</td>
<td>Fall; Strong, '81</td>
<td>2 &quot; 20 &quot;</td>
</tr>
<tr>
<td>1879</td>
<td>Reese, '81,</td>
<td>2 &quot; 15 3-4 &quot;</td>
</tr>
<tr>
<td></td>
<td>C. H. Stinson, '83</td>
<td>2 &quot; 25 1-4 &quot;</td>
</tr>
<tr>
<td>1880</td>
<td>Donahoe, '83</td>
<td>2 &quot; 15 &quot;</td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>2 &quot; 19 1-2 &quot;</td>
</tr>
<tr>
<td>1881</td>
<td>Same</td>
<td>walk over.</td>
</tr>
<tr>
<td></td>
<td>Wells, '85</td>
<td>2 min. 19 3-4 sec.</td>
</tr>
<tr>
<td></td>
<td>walk over.</td>
<td></td>
</tr>
<tr>
<td>1882</td>
<td>Same</td>
<td>walk over.</td>
</tr>
<tr>
<td>1883</td>
<td>H. Toulmin, '86</td>
<td>2 min. 8 1-2 sec.</td>
</tr>
<tr>
<td></td>
<td>P. Toulmin, '86</td>
<td>2 &quot; 27 1-2 &quot;</td>
</tr>
<tr>
<td>1884</td>
<td>Same</td>
<td>2 &quot; 24 2-5 &quot;</td>
</tr>
<tr>
<td>1885</td>
<td>Van Kirk, '87</td>
<td>walk over.</td>
</tr>
<tr>
<td>1886</td>
<td>Same</td>
<td>2 min. 26 sec.</td>
</tr>
</tbody>
</table>

### 440 Yards Dash.

<table>
<thead>
<tr>
<th>Year</th>
<th>Runner</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1876</td>
<td>Owen, '77</td>
<td>67 sec.</td>
</tr>
<tr>
<td></td>
<td>Nostrand, '78</td>
<td>61 1-2 sec.</td>
</tr>
<tr>
<td>1877</td>
<td>McNulty, '80</td>
<td>59 &quot;</td>
</tr>
<tr>
<td></td>
<td>Nostrand, '78</td>
<td>66 3-4 &quot;</td>
</tr>
<tr>
<td>1878</td>
<td>Duncan, '80</td>
<td>60 1-5 &quot;</td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>56 1-2 &quot;</td>
</tr>
<tr>
<td>1879</td>
<td>Reese, '81</td>
<td>58 &quot;</td>
</tr>
<tr>
<td></td>
<td>Spalding, '80</td>
<td>61 &quot;</td>
</tr>
<tr>
<td>1880</td>
<td>Leighton, '83</td>
<td>59 1-2 &quot;</td>
</tr>
<tr>
<td></td>
<td>Stuart, '84</td>
<td>59 2-5 &quot;</td>
</tr>
<tr>
<td>1881</td>
<td>Butler, '83</td>
<td>59 &quot;</td>
</tr>
<tr>
<td>1882</td>
<td>H. Toulmin, '86</td>
<td>56 3-4 &quot;</td>
</tr>
</tbody>
</table>
### 220 Yards Dash

<table>
<thead>
<tr>
<th>Year</th>
<th>Athlete</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1877</td>
<td>Duncan, '80</td>
<td>25 3-4 sec.</td>
</tr>
<tr>
<td>1878</td>
<td>Same</td>
<td>24 3-4</td>
</tr>
<tr>
<td>1879</td>
<td>Same</td>
<td>23 2-5</td>
</tr>
<tr>
<td></td>
<td>Spaulding, '80</td>
<td>26 3-5</td>
</tr>
<tr>
<td>1880</td>
<td>Duncan, '80</td>
<td>23 3-4</td>
</tr>
<tr>
<td></td>
<td>Butler, '83</td>
<td>26 3-5</td>
</tr>
<tr>
<td>1881</td>
<td>Same</td>
<td>25 1-2</td>
</tr>
<tr>
<td>1882</td>
<td>Same</td>
<td>27</td>
</tr>
<tr>
<td>1883</td>
<td>Wells, '85</td>
<td>25 1-4</td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>25 1-4</td>
</tr>
<tr>
<td>1884</td>
<td>Bowman, '85</td>
<td>25 3-4</td>
</tr>
<tr>
<td>1885</td>
<td>Farquhar, '89</td>
<td>26</td>
</tr>
<tr>
<td>1886</td>
<td>Stewart, '89</td>
<td>26 1-5</td>
</tr>
</tbody>
</table>

### 100 Yards Dash

<table>
<thead>
<tr>
<th>Year</th>
<th>Athlete</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1875</td>
<td>Hammond, '79</td>
<td>10 3-4 sec.</td>
</tr>
<tr>
<td>1876</td>
<td>Same</td>
<td>11 1-4</td>
</tr>
<tr>
<td></td>
<td>McNulty, '80</td>
<td>11</td>
</tr>
<tr>
<td>1877</td>
<td>Same</td>
<td>10 3-4</td>
</tr>
<tr>
<td></td>
<td>W. H. Bradbury, '80</td>
<td>11 1-2</td>
</tr>
<tr>
<td>1878</td>
<td>Same</td>
<td>11 1-5</td>
</tr>
<tr>
<td></td>
<td>Duncan, '80</td>
<td>10 3-4</td>
</tr>
<tr>
<td>1879</td>
<td>Same</td>
<td>10 1-5</td>
</tr>
<tr>
<td></td>
<td>Wootten, '80</td>
<td>10 1-4</td>
</tr>
<tr>
<td>1880</td>
<td>Duncan, '80</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Dalrymple, '83</td>
<td>11 3-4</td>
</tr>
<tr>
<td>1881</td>
<td>Same</td>
<td>10 3-4</td>
</tr>
<tr>
<td>1882</td>
<td>Wells, '85</td>
<td>10 1-4</td>
</tr>
<tr>
<td>1883</td>
<td>Same</td>
<td>10 1-4</td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>10 3-4</td>
</tr>
<tr>
<td>1884</td>
<td>Same</td>
<td>11 4-5</td>
</tr>
<tr>
<td>1885</td>
<td>Farquhar, '89</td>
<td>11 2-5</td>
</tr>
<tr>
<td>1886</td>
<td>Leukel, '88</td>
<td>11 1-2</td>
</tr>
</tbody>
</table>
### Hurdle Race.

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Time</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1876</td>
<td>McNulty, '80</td>
<td>21 sec.</td>
<td></td>
</tr>
<tr>
<td>1877</td>
<td>Same</td>
<td>21 3-4 sec.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>W. H. Bradbury, '80</td>
<td>20 1-4 &quot;</td>
<td></td>
</tr>
<tr>
<td>1878</td>
<td>Same</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>1879</td>
<td>Strong, '80</td>
<td>18 1-2 &quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>J. W. Reno, '83</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>1880</td>
<td>Morrow, '82</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Same</td>
<td>19 3-4 &quot;</td>
<td></td>
</tr>
<tr>
<td>1881</td>
<td>Same</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dalrymple, '83</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>1882</td>
<td>Davis, '86, (walk over)</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>1883</td>
<td>Dalrymple, '83</td>
<td>19 1-4 &quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Davis '86</td>
<td>20 3-4 &quot;</td>
<td></td>
</tr>
<tr>
<td>1884</td>
<td>Same</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>1885</td>
<td>Polk, '87, (track short)</td>
<td>18 4-5 &quot;</td>
<td></td>
</tr>
<tr>
<td>1886</td>
<td>Same</td>
<td>18 3-5 &quot;</td>
<td></td>
</tr>
</tbody>
</table>

### Records of Winter Meetings in the Gymnasium.

#### Standing High Jump.

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>1884</td>
<td>Wells, '85</td>
<td>4 feet 6 1-2 inches.</td>
</tr>
<tr>
<td>1885</td>
<td>Petersen, '85</td>
<td>4 feet 7 7-8 inches.</td>
</tr>
<tr>
<td>1886</td>
<td>P. Toulmin, '86</td>
<td>4 feet 4 inches.</td>
</tr>
</tbody>
</table>

#### Running High Jump.

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>1884</td>
<td>Forstall, '83</td>
<td>4 feet 11 3-4 inches.</td>
</tr>
<tr>
<td>1885</td>
<td>Davis, '86</td>
<td>5 feet 1 1-4 inches.</td>
</tr>
<tr>
<td>1886</td>
<td>Stuart, '89</td>
<td>5 feet 2 inches.</td>
</tr>
</tbody>
</table>

#### Running High Kick.

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1884</td>
<td>Petersen, '85</td>
<td>8 feet 6 inches.</td>
</tr>
<tr>
<td>1885</td>
<td>Same</td>
<td>8 feet 2 1-2 inches.</td>
</tr>
<tr>
<td>1886</td>
<td>McClintic, '88</td>
<td>(no record.)</td>
</tr>
</tbody>
</table>
THE LEHIGH UNIVERSITY.

"Two Hand Vault."

1884. Birney, '85
1885. Same
1886. Round, '88

6 feet 6 inches.
6 " 7 "
6 " 4 "

RECORDS MADE AT STENTON.

"440 Yard Dash."

1884, May 3. Tolman, '85

54 4-5 seconds.

"Hurdle Race."

1884, May 17. Forstall, '83

19 1-5 seconds.

THE BEST RECORDS OF LEHIGH.

(TAKEN ANYWHERE.)

100 Yards Dash,
Duncan, '80; 10 1-5 seconds; May 12, '79.
Wootten, '80; 10 1-4 seconds; Fall, '79.
Wells, '85; 10 1-4 seconds; Spring, '83.

220 Yards Dash,
Duncan, '80; 23 1-4 seconds; May 3, '79.
Same; 23 2-5 seconds; May 12, '79.

440 Yards Dash,
Tolman, '85; 54 4-5 seconds; May 3, '84.
Duncan, '80; 56 1-2 seconds; Oct. 12, '78.

Half Mile Run,
H. Toulmin, '86; 2 min. 8 1-2 sec.; May 19, '83.
Donahoe, '83; 2 min. 15 sec.; Spring, '80.

One Mile Run,
Van Kirk, '87; 4 min. 55 2-5 sec.; May 15, '86.
Miller, '88; 4 min. 56 1-2 sec.; May 15, '86.

One Mile Walk,
Emmerich, '82; 7 min. 56 1-2 sec.; May 9, '79.
Same; 8 min. 9 sec.; Spring, '80.

Two Mile Walk,
Emmerich, '82; 17 min. 2 sec.; May 3, '79.
Read, '78; 18 min. 19 1-2 sec.; Fall, '77.

Three Mile Walk,
Read, '78; 27 min. 46 sec.; May 26, '77.
Bylesby, '78; 28 min. 30 sec.; Fall, '76.

Hurdle Race,
Morrow, '82; 18 seconds; May 14, '81.
Strong, '80; 18 1-2 seconds; Spring, '79.

Bicycle Race, (2 miles)
Searle, '84; 7 min. 20 1-2 sec.; May 19, '83.
Same; 7 min. 24 sec.; Oct. 27, '83.
Standing High Jump, Petersen, '85; 4 ft. 7 1-2 in.; W. M., '85.
Wells, '85; 4 ft. 6 1-4 in.; W. M., '84.
McNulty, '80; 9 ft. 10 in.; Oct. 11, '76.
Same; 9 ft. o in.; Spring, '77.
Morrow, '82; 5 ft. 3 in.; May 14, '81.
Fleming, '86; 5 ft. 2 in.; Fall, '82.
Stuart, '89; 5 ft. 2 in.; *W. M., '86.
Running Broad Jump, Rhoads, '85; 18 ft. 7 1-2 in.; Oct. 27, '83.
Same; 18 ft. 4 in.; Spring, '83.
Paret, '78; 76 ft. 6 in.; Oct. 27, '77.
Throwing 16 lbs. Hammer, Terrell, '87; 76 ft. 6 3-4 in.; May 21, '85.
Ladoo, '87; 74 ft. 3 1-2 in.; May 17, '86.
Putting 16 lbs. Shot, Ladoo, '87; 35 ft. 9 in.; May 17, '86.
Rhoads, '85; 35 ft. 8 1-2 in.; Oct. 27, '83.
Putting 21 lbs. Shot, McNulty, '80; 25 ft. 7 in.; May 26, '77.
Same; 24 ft. o in.; Fall, '76.
2-Hand Fence Vault, Birney, '85; 6 ft. 7 in.; W. M., '85.
Same; 6 ft. 6 in.; W. M., '84.
Same; 9 ft. 5 in.; Spring, '81.
Running High Kick, Petersen, '85; 8 ft. 6 in.; W. M., '84.
Same; 8 ft. 2 in.; W. M., '85.
Throwing Base Ball, Owen, '77; 311 ft.; Spring, '76.
Same; 300 ft.; Fall '76.

† S. Refers to the meeting at Stenton.
* W. M. Refers to Winter Meeting in the Gymnasium.

Best Records by Classes.
(FIRSTS).
1877. Throwing Base Ball. (1)
1878. Three Mile Walk. (1)
1880. 100 Yards Dash; 220 Yards Dash; Standing Broad Jump; Throwing 9 lbs Hammer; Putting 21 lbs Shot. (5)
1882. One Mile Walk; Two Mile Walk; Running High Jump; Hurdle Race. (4)
1883. Pole Vault. (1)
1884. Bicycle Race (2 miles). (1)
1885. 440 Yards Dash; Standing High Jump; Running Broad Jump; 2-Hand Fence Vault; Running High Kick. (5)
1886. Half Mile Run. (1)
1887. Mile Run; Throwing 16 lbs. Hammer; Putting 16 lbs. Shot. (3)
Total Firsts, 22.
1877. Throwing Base Ball. (1)
1878. Two Mile Walk; Throwing 9 lbs. Hammer; Three Mile Walk. (3)
1880. (Half) 100 Yards Dash; 220 Yards Dash; 440 Yards Dash; Hurdle Race; Standing Broad Jump; Putting 21 lbs. Shot. (5½).
1882. One Mile Walk. (1)
1883. Putting 16 lbs. Shot; Pole Vault; Half Mile Run. (3)
1884. Bicycle Race (2 miles). (1)
1885. (Half) 100 Yards Dash; Standing High Jump, Running Broad Jump; 2-Hand Fence Vault; Running High Kick. (4½)
1886. (Half) Running High Jump. (½)
1887. Throwing 16 lbs. Hammer. (1)
1888. One Mile Run. (1)
1889. (Half) Running High Jump. (½)

Total Seconds, 22.

SUMMARY.

<table>
<thead>
<tr>
<th>77</th>
<th>78</th>
<th>80</th>
<th>82</th>
<th>83</th>
<th>84</th>
<th>85</th>
<th>86</th>
<th>87</th>
<th>88</th>
<th>89</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>4</td>
<td>10½</td>
<td>5</td>
<td>4</td>
<td>2</td>
<td>9½</td>
<td>1½</td>
<td>4</td>
<td>1</td>
<td>½</td>
</tr>
</tbody>
</table>

Committees of Arrangements.

UNDER OLD ORGANIZATION.

1876. Wolle, '77; Porter, '78; Linderman, '79; Robinson, '80.
1877. Bull, '78; Bradbury, Porter, '80.
1878. Tucker, '79; Potter, Strong, '80; C. Reno '82.
1879. Spalding, '80; Ricksecker, '82; Lee, '81; Rogers, '83.
1880. Spalding, Strong, '80; C. Reno, '82; Rogers, '83.
Cranz, '81; Emmerich, '82; Dalrymple, '83; Stewart, '84.
1881. Wittmer, Emmerich, '82; Wilson, '83.
Emmerich, '82; Wilson, '82; Morford, '84; Graeff, '85.
1882. Purnell, '83; Linderman, '84; Peale, '85; H. Toulmin, '86.
1883. Linderman '84; Sayre, '86; Whitehead, '85; Fertig, '86.

UNDER NEW ORGANIZATION.

1884. Whitehead, '85, President.
Clapp, '86, Secretary.
Ladoo, '87, Treasurer.
Gates, '88.
1885. Clapp, '86, President.
Ladoo, '87, Secretary.
Phillips, '88, Treasurer.
Farquhar, '89, to April '86; Schwartz, '89, for balance of year.
In the student mind there is always a belief in the antagonism between teacher and pupil. This finds vent in many ways of a more or less harmless nature. One of the principal methods is peculiar, as showing a lingering trace of the superstitions of our remote ancestors, that is supposed to linger only in stories of the nursery.

The student depicts himself as under the thrall of a specter of demoniac aspect, who takes the form of "Logic," "Calculus," or some other unpleasant study, and the final and triumphant examination is the rending of the fetters that bind him. The mummeries that follow are of a more or less varied nature, dependent upon the ingenuity and means of the various classes. In the early days of Lehigh, "Logic" was buried with impressive ceremonies upon the campus, and relics from his coffin were among the most prized of Student Souvenirs. The Class of 1876 gave perhaps as good a representation as any of this nature, and the addresses come down to us in the columns of the Journal. "Calculus" has, of late, taken the place of "Logic," and the ceremonies, though of a similar nature, are more gorgeous and imposing owing to the increase in numbers, until they have become a prominent element in the events of University Week. The "Ordo" has become quite a tasty affair and the orations of marked excellence. It will be readily seen that there is nothing of disturbance nor license in the above, and it seems to mark the difference in the characteristics in the Sophomore at Lehigh, and his more exuberant congener in other institutions.

MISCELLANEOUS ORGANIZATIONS.

The student from an old and lively institution is struck with the want of the above whenever he glances at the Epitome. In the past there was apparently nothing to break the monotony of the student life, though here and there might be seen attempts to introduce variety in the shape of clubs and organizations of a
miscellaneous and nondescript character. The newly arrived student has his wondering questions quickly solved when he enters upon the labors of the student, and he sees that considerable ingenuity must be exercised to obtain enough consecutive hours to make systematic work of any kind, out of the ordinary run, a possibility. This was especially the case in the past, and to the possible overcrowding of the roster of that date may be due the absence of any attempt to develop the social side of student life. Of later times the above rule does not apply, as the actual amount of work is decreased and more freedom given than of old. The tendency however remains, in part, though it is beginning to be invaded by the forerunners of a system that will enliven the tedium of "off hours," and take away the tendency to waste the time not spent in study.

The Glee Clubs of to-day are more pretentious than those of the past. They represent a certain amount of painstaking work and their efforts are of a higher order than those chance-gatherings of the past.

The Mustard and Cheese attempts very successfully to give vent to the dramatic elements of the student nature. As its members have been uniformly successful in whatever they have undertaken, they are sure of the support of the world in which they live and the organization seems to have elements of permanency.

Other organizations have come and gone with the appearance of each Epitome and, as the evidences of life are found only upon the pages of that issue, they have left no record upon the life of the undergraduate.

TAU BETA PI.

As the appointments for University Day were made upon the basis of the rank in the class for the Junior year and the first term of the Senior year, or for only three-eighths of the course, and as the two honors, the Valedictory and Salutatory orations were made of equal honor and were given to those students hav-
ing the highest rank in the Technical and Classical schools, no
matter whether those two scholars were both at the head of the
class or not; and to encourage work in a certain direction, the
society with the above name was instituted early in 1885, by the
high-stand alumni in the technical courses, and gives its elections
to those technical students who have during three years main­
tained a rank in the first one-fourth of the class and are other­
wise properly qualified. Membership in Tau Beta Pi is an as­
surance of continued good work. The badges are a peculiar com­
bination of the University colors, and a pendant key of gold.
The graduate members are:

**Graduate Members.**

T. W. Birney, C.E., '85.
Charles Bull, M.E., '78.
F. L. Clerc, C.E., '71.
G. F. Duck, E.M., '73.
M. M. Duncan, A.C., E.M., '80.
A. E. Forstall, M.E., '83.
N. O. Goldsmith, M.E., '83.
W. D. Hartshorne, C.E., '74.
I. A. Heikes, B.M., '85.
C. C. Hopkins, B.S., C.E., '82.
F. P. Howe, E.M., '78.
H. S. Jacoby, C.E., '77.
G. A. Jenkins, A.C., '70.
A. E. Meaker, C.E., '75.
E. F. Miller, M.E., '83.
H. K. Myers, C.E., '84.
J. S. Polhemus, C.E., '70.
J. B. Price, C.E., '85.
Henry Richards, E.M., '76.
Miles Rock, C.E., '69.
F. P. Spalding, C.E., '80.
W. M. Scudder, M.E., '73.
C. L. Taylor, E.M., '76.
J. M. Thome, C.E., '70.
J. A. Watson, C.E., '84.
E. H. Williams, jr., A.C., E.M., '75.

**Officers.**

George A. Jenkins, A.C., President.
Arthur E. Meaker, C.E., Vice President.
Edward H. Williams, jr. A.C., E.M., Corresponding Secretary.
John H. Spengler, Secretary.
Simeon C. Hazelton, Treasurer.

**Active Members.**

William H. Dean.
Lewis J. H. Grossart.
Solomon J. Harwi.
Simeon C. Hazelton.
Henry G. Reist.
John H. Spengler.
Joseph K. Surls.
In the words of the Hon. Alexander H. Rice, Ex-Governor of Massachusetts, "It is almost too late to argue the merits of associations of this kind, because their value is nearly universally admitted: and until human nature changes and men become wholly intellectual or wholly insensible to social influences, institutions will be useful which shall give direction to these united faculties. Perhaps there are no influences stronger than those which surround the social life of students in college; and if this be so, the demand for the elevation and purification of those influences becomes too obvious for further demonstration. Men form their intimacies and companionships according to similarity of social characteristics more than by the selection or confluence of external circumstances; and every true friendship grows stronger and truer still under right assimilations.

'For in companions
That do converse and waste the time together,
Whose souls do bear an equal yoke of love,
There needs must be a like proportion
Of lineaments, of manners and of spirit.'

Our friendships strike to the very root of our spiritual being, and are susceptible of development into measures of tenderness, nobility and faithfulness which hold no secondary place in comparison with the grandeur of intellectual culture. It is well, therefore, that these assimilations shall take form in organizations, into which each shall bring his contribution, and by which each shall be fed and modified; in which, also, there shall be the stimulus of generous emulation and the restraints of associate as well as of personal honor."

Such an opinion should not be spread over the society system in general, because there are all grades of organizations, and some trench upon the conditions where it is better to destroy than to foster. As "a tree is known by its fruits," so the various fraternities are classified as they inculcate honor, morality, and decency of life or, by giving freedom to the so-called social qualities of their members, tend to debauchery and excess. As
there are models of honor and renown, there are also specimens of unbridled license; and, were it necessary to protect the student from the corruption of the one, it were well to destroy even those of a beneficial nature. To say that, because some are of good report, the society system is beneficial, is thoroughly wrong, as there are a number of plague-spots in the system that are everywhere alike in dragging down those unfortunate enough to become entangled in their meshes. A prominent member of one of the latter once remarked that, after joining, he was forced to believe that good fellowship could not exist apart from drunkenness. Of the fraternities represented at Lehigh the character can be very readily seen by a glance at the following lists.

PHI KAPPA SIGMA.

The Sigma Chapter, the 18th on the roll, was established December 22, 1869. Its last elections were given to the class of 1879, and the last graduate of the Chapter, as originally instituted, left Lehigh in 1880. A member of the class of 1883 was initiated at Easton, to furnish a connecting link and, before his graduation, he initiated two members of 1887. To all appearances, there is no intent to revive the Chapter. While it existed, it led an honorable existence, and was represented by the leaders in athletics and in their classes. In the following list will be designated by small caps, those members who graduated or completed a special course; by roman, those now in the University; by italics, those who were never members of the University in full standing; and by a dagger, those who did not graduate. This plan will be followed throughout the description of the society system.

Class of 1870.

*L. P. Ashmead.   HARRY R. PRICE.
H. B. REED. Speaker at commencement.

Class of 1871.

C. L. Bache.†  F. F. Drinkhouse.†
J. N. BARR. A. GILMORE.
C. G. WEAVER. Speaker at commencement.
THE LEHIGH UNIVERSITY.

Class of 1872.

G. P. Bland, Valedictorian: T.B.II. R. Hancock,†
D. P. Bruner, O. M. Lance,
Speaker at commencement. H. W. Morgan,†
W. W. Curtin,† J. S. Polhemus,
F. R. C. Degenhardt, Stood second in the class: T.B.II.
Speaker at commencement. H. D. Scudder.

Class of 1873.

J. B. Baker,† R. B. Claxton, E. L. Prussing,
W. H. Baker, C. J. Orrick, A. K. Rahme,†
W. M. Scudder. Valedictorian: T.B.II.

Class of 1874.

A. A. Herr, S. Hughes, T. A. Merritt,
second in the class. R. Kent, J. E. Rathbun,†
G. H. P. Stearns.

Class of 1875.

G. B. Reynolds.†

Class of 1876.

G. A. Brooke,† R. N. Getty,† H. Richards, T.B.II.
J. D. Carson, R. W. Mahon, L. W. Richards,
C. L. Taylor. Wilbur Scholar: Valedictorian: T.B.II.

Class of 1877.

J. S. Cox.

Class of 1878.

E. S. Hammatt,† N. Lafon, H. F. J. Porter,

Class of 1879.

W. S. Duncan,† T. H. Robinson.†

Class of 1880.

M. M. Duncan. Wilbur Scholar: Valedictorian: T.B.II.
IOTA KAPPA ALPHA.

The history of this Chapter will probably remain a mystery, as the whole Fraternity went to pieces in the Spring of 1874 at the annual convention in Easton, Pa. It started a chapter at Lehigh late in 1871 or early in 1872 and the following list is all that can be found to show that it existed.

Class of 1875.
W. G. McMillan, † Went to X.Φ. S. D. Mott, †

Class of 1876.
S. M. Bines, † Went to Δ.T.Δ. H. A. Rice, †
G. A. Brooke, † Went to Φ.K.Σ. W. P. Rice, Went to X.Φ.
H. M. VanZandt, † Went to X.Φ.

UPSILON BETA.

This representative of a now defunct fraternity was established in 1872, and in 1874 was merged into the Pi Chapter of Δ. T. Δ. The list of members, as far as could be ascertained, is given below.

Class of 1874.
St. John Cox, †

Class of 1875.
J. Calvert, †

Class of 1876.
F. C. Angle, J. W. Frederick, J. M. Leicht, † To X.Φ.
W. B. Baldy, † W. Griffith, W. S. Raeder, †
T. Reilly, † J. P. White, †
The Psi Chapter, the 6th established by the Northern Order, or the United Societies of the same name, called Princeton and Hobart Orders, was established here February 22, 1872. The list of membership is as follows:

**Class of 1874.**

W. C. Cross, †  
G. C. Haldeman, †  
W. M. Rees,  
S. V. Wilson, †

**Class of 1875.**

W. A. Lathrop,  
W. M. McMillan, †  
M. J. Nowlan, †  
F. A. Watkins, †

**Class of 1876.**

F. K. Bacon, †  
S. L. Bigler, †  
J. P. Coryell,  
*H. Eastman, †  
J. Rogers, †  
E. R. Ellison,  
A. F. Hanna, †  
C. N. Laman, †  
J. M. Leicht, †  
H. M. Van Zandt, †

**Class of 1877.**

J. B. Camp, †  
T. F. Carter, †  
J. P. Lance, †  
J. G. Forsyth, †  
J. C. A. Fox, †  
J. L. Jones, †  
A. P. Hamer, †  
F. Weiss, Jr. †

**Class of 1878.**

J. W. Eckert,  
C. K. Field,  
*J. M. Greene, †  
J. D. Hubbard, †  
H. K. Lyon, †  
P. T. Jenkins, †  
C. C. Lance, †

**Class of 1879.**

F. W. Sargent,  
I. T. Wells, †

**Class of 1880.**

A. Bruner,  
J. H. Holbert, †  
J. T. Jeter,  
B. Keith, †

**Class of 1881.**

W. Butler, †  
C. W. Gray,  
B. F. Haldeman,  
L. Stockton,  
S. W. Russell,  
J. J. Zimmele, †
THE TWENTY-YEAR BOOK OF

Class of 1882.

E. R. Leavitt,†
F. R. Musser.

Class of 1883.

A. Ames, †
G. G. Hood,
N. O. Goldsmith, T.B.II., C. L. Rogers,
J. W. Reno,* R. Stinson,
W. T. Wilson.†

Class of 1884.

J. McK. Graeff,†
C. O. Haines,†
J. W. Kellogg,
M. Stewart,
R. D. Stewart,†

Class of 1885.

J. L. McLenegen.†

Class of 1886.

G. R. Booth
M. A. DeW. Howe,
E. E. Stetson.

Class of 1887.

W. Bradford,
H. S. Haines, jr.,
M. P. Moore,
R. R. Hedley,†
G. R. Neilson,

Class of 1888.

J. R. Bannan,
H. A. Bonzano,
E. Conner,
J. H. Schall,
W. E. Howe,
J. M. Humphry,
C. W. Schwartz, jr.,
J. Stewart, jr.

DELTA TAU DELTA.

The Pi Chapter, the 22nd on the roll, was established at Lehigh by
the members of the Chapter of Upsilon Beta, as before stated, on May
29, 1874. It became dissatisfied with the policy of the Fraternity and,
by unanimous consent of its graduate members, severed its connection
with the Fraternity, during the Summer of 1885. It established a
local society called Beta Beta and made overtures to the Delta Psi
Fraternity for a charter, but was unsuccessful. As the membership in these two organizations is identical but one list will be given.

Class of 1874.
St. John Cox.

Class of 1875.
A. M. Cañadas.

Class of 1876.
W. B. Baldy,‡ J. Calvert,‡ W. Griffith,
S. M. Bines,‡ T. W. Frederick, W. L. Raeder,‡
T. Reilly,‡ J. P. White,‡

Class of 1877.
J. Beaver,‡ G. G. Converse, Sp., F. Shultz, Sp.,
L. T. Wolle, Salutatorian: T.B.II.

Class of 1878.
C. Bull, T.B.II., W. Hazlett.

Class of 1879.
Lloyd Curtis, Sp., H. Y. Horn,‡

Class of 1880.
M. R. Calvert,‡ R. M. Michler,‡ L. B. Treharn.
T. H. Hardcastle, J. B. Thomas,‡ R. B. Wetherill, Sp.,
* F. C. Wootten.

Class of 1882.
C. DeWitt,‡ J. D. Ruff.

Class of 1883.

Class of 1884.
The Penna. Delta was established in May, 1876, by H. C. Wilson and A. Farrell. It was the 44th Chapter of the Fraternity and existed but a short time, owing to trouble with the Chapter at Lafayette College. Its members were:

Class of 1878.
H. C. Wilson.

Class of 1879.

Class of 1880.
F. H. Brunner,† L. B. Taggart,†
N. B. Hogg,† L. B. Treharn, to Δ.Τ.Δ.

Alphabet Delta Mu.

Delta Beta Phi.

In November, 1877, an organization, called the "True Knights of Columbia," was formed by J. T. Bourke, A. L. Dickinson, F. S. Phillips, and E. Ricksecker of Lehigh, and W. A. Cochran (formerly
of Lehigh) and others of the University of Pennsylvania. In April, 1878, it changed its name to "Alpha Delta Mu," and the Lehigh Chapter was called the "Phi." In addition to the above, the Chapter took in R. H. Lee, jr., and L. O. Emmerich. June 1, 1878, these, with the members of the Penna. (Σ) Chapter, united with the Alpha Chapter (at Cornell University) of Delta Beta Phi. The reorganized Delta Beta Phi received its constitution and ritual from the Lehigh organization and the committee met at Bethlehem.

It existed for two years and its members were:

**Class of 1881.**

- R. Arrowsmith,†
- J. T. Bourke,†
- W. J. C. Loos,†
- F. S. Phillips,†
- E. L. Ricksecker.

**Class of 1882.**

- W. S. Darlington,†
- A. L. Dickinson,†
- L. O. Emmerich
- F. A. Holland,†
- C. C. Hopkins, to t.Y.
- J. A. Yznaga.†

**Class of 1883.**

- E. E. Brosius,†
- W. D. Janney,†
- H. A. Porterfield, to t.Y.
- J. R. Pepin,†
- W. S. Roth.†

**Class of 1884.**

- G. N. Bursmith,†
- C. O. Haines,† to X.Ø.
- D. R. Mehaffy.†

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**PHI THETA PSI.**

**PSI UPSILON.**

In the early Spring of 1881, G. F. Duck, H. V. Cooke, J. W. Leithead, R. G. Cooke, and W. R. Pinckney petitioned the XLVIII Convention of the Psi Upsilon for a charter. They perfected an organization at that time for the purpose of prosecuting their endeavor, should the attempt fail. In March 1882 this organization was enlarged by the accession of C. C. Hopkins, A. E. Forstall, P. A. Lambert, W. Briggs, L. B. Semple, A. P. Smith and C. M. Tolman, and in June it appeared as the Eta Chapter of *Phi Theta Psi*. It continued its petition for a charter of the Psi Upsilon and the same was voted on May 24, 1883, though the installation did not take place until
February 22, 1884. As the membership in Phi Theta Psi and the Psi Upsilon are nearly identical, but one list will be given. The list of the latter will therefore precede that of Alpha Tau Omega which was established before it and also of Delta Phi. In point of age at Lehigh the Psi Upsilon is preceded by those Fraternities.

The members of the Eta, the 19th Chapter of the Psi Upsilon, are:

Class of 1882.
C. C. Hopkins: Wilbur Scholar; Valedictorian: T.B.II.

Class of 1883.
W. Briggs, H. V. Cooke, G. F. Duck, T.B.II.
A. E. Forstall: Valedictorian, T.B.II., G. L. Hoppes,
H. A. Porterfield, J. W. Leithead,† G. Leighton,†

Class of 1884.
R. G. Cooke.
H. H. Hillegass: Second Alumni Oratorical Prize.
L. B. Semple: Wilbur Scholar: Salutatorian.
A. P. Smith: First Alumni Oratorical Prize: Valedictorian: T.B.II.
J. A. Watson: T.B.II. W. R. Finckney,†

Class of 1885.
T. W. Birney: T.B.II. J. W. Peale,† C. M. Tolman,

Class of 1886.
C. E. Clapp, S. C. Hazelton: T.B.II. P. D. Millholland,
M. S. Hanauer, H. O. Koller,† G. M. Richardson,
A. S. Ross, P. Toulmin,
W. P. Taylor: Second Alumni Oratorical Prize.
T. J. Williams,† H. W. Wilson,†

Class of 1887.
G. H. Ayres,† E. Diven,
H. H. Birney,† J. H. Fertig,†
E. E. Snyder, W. H. Wilhelm,†
G. W. Walker, W. D. Wiman,†
THE LEHIGH UNIVERSITY.

Class of 1888.

S. Chubbuck,† G. P. Dravo, J. H. Millholland, *W. S. Ramsey,†
G. P. Connard, H. L. McIlvain, J. L. Van de Water,†
J. C. Cornelius, R. W. Lee,

Class of 1889.

G. R. Baldwin, W. A. Cornelius, W. D. Farwell,
W. Butterworth, F. H. Farquhar,† T. S. Loeser,
A. L. Rogers.

Other members of the Fraternity at Lehigh:

E. H. Williams, jr. (B. '72,) was in the Class of 1875 and delivered the Valedictory.
W. J. McNulty, (6. '80,) was in the Class of 1880.

ALPHA TAU OMEGA.

The Alpha Rho, the 30th Chapter of this Fraternity was started in the Spring of 1882 among the students of Dr. Ulrich's Preparatory School and had quite a membership. All of them left it however before entering, except R. S. Breinig and J. A. Schmidt. The members are:

Class of 1886.

R. S. Breinig, J. A. Schmidt,†

Class of 1887.

S. D. Langdon, W. Wyckoff,
G. Ayres,† C. C. Ziegler.
J. A. Morrow,
J. C. Buckner, R. K. Polk,
H. C. Yeatman, jr.,†

Class of 1888.

J. B. Glover, J. H. L. Ogden.

Class of 1889.

E. Hurtado.
DELTA PHI.

The Nu Chapter, the 13th, was established by vote of Convention December 16, 1883: though the actual initiation of the members did not take place till later at the Eta Chapter in Philadelphia. The Chapter was established by the labor of M. R. Suarez of 1887, a member of the Fraternity, then in his Freshman year. Its members are:

Class of 1884.

H. B. DOUGLAS, J. A. JARDINE.

Class of 1885.

W. H. COOKE: Wilbur Scholar; Salutatorian.

Class of 1886.

J. K. Surls: Wilbur Scholar; T.B.II.

Class of 1887.

E. M. Cooke,† H. S. Meily, H. B. C. Nitze,
H. H. Stock, M. R. Suarez,† H. A. J. Wilkens,

Class of 1888.

A. N. Palmer,† S. S. Voorhees,†

Class of 1889.

C. H. Boynton, J. D. Ferguson, J. T. Morrow,
D. Castleman,† F. L. Grammer, A. K. Reese.

THETA DELTA CHI.

The Nu Deuteron Charge was established here, June 14, 1884, by C. A. and H. S. Luckenbach, J. H. Spengler, C. E. Thomas, M. D. Pratt and E. P. VanKirk. Its members are:

Class of 1885.

H. L. BOWMAN, I. A. HEIKES: Valedictorian; T.B.II.
C. E. Thomas,†
THE LEHIGH UNIVERSITY.

Class of 1886.
C. A. Luckenbach, H. S. Luckenbach,†
J. H. Spengler; T.B.II.

Class of 1887.
F. F. Amsden, E. P. VanKirk,
M. D. Pratt, F. Williams.

Class of 1888.
F. Bates, W. L. Neill,
R. A. Heberling, H. S. Neiman,
C. M. Wilkins.

Class of 1889.
T. T. Cortez, A. Johnston.

SIGMA NU.

A chapter has been established early this term. The members are thus far, from the sophomore and freshman classes.

Class of 1888.
A. T. Bruegel, S. H. Jenks, C. D. Marshall,

Class of 1889.
W. C. McLeod, R. H. Morris, jr.,
W. A. Stevenson.†
This table shows the number in each class, and the number who graduated or finished their special course by passing all the examinations. The former are represented by the figure above the line; the latter by that below the same. Only those are taken which have graduated members during the life of the Fraternity. A blank indicates no members in that class.

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<th>Φ.Κ.Σ.</th>
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<td>1883</td>
<td>1/1</td>
<td>7/3</td>
<td>3/3</td>
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<td>9/7</td>
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<td>1884</td>
<td>5/2</td>
<td></td>
<td>2/2</td>
<td>2/2</td>
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<td>6/5</td>
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<tr>
<td>1885</td>
<td>2/3</td>
<td>3/1</td>
<td>1/1</td>
<td></td>
<td></td>
<td>6/3</td>
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<tr>
<td><strong>Totals</strong></td>
<td><strong>49</strong></td>
<td><strong>65</strong></td>
<td><strong>40</strong></td>
<td><strong>3</strong></td>
<td><strong>23</strong></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td><strong>Per Cent. Graduat'd.</strong></td>
<td><strong>67.</strong></td>
<td><strong>26.</strong></td>
<td><strong>57.</strong></td>
<td><strong>100.</strong></td>
<td><strong>82.</strong></td>
<td><strong>66.</strong></td>
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THE LEHIGH UNIVERSITY.

NON-SECRET SOCIETY.
DELTA UPSILON.

As soon as the Secret Societies sprang into existence, the vitality of the old debating clubs became seriously threatened by the forming of strong organizations that withdrew the prominent members. About this time the very name of "Secret Society" was abhorred by many, on account of the vigorous crusade against Masonry, and we very soon find "Anti-Secret Societies," under various names springing up in the various eastern colleges. These had nothing in common except their desire to suppress their secret rivals, and the fight was extremely bitter on their part, as their lists contained the names of many who had been refused elections by the secret societies. In some institutions they took in all who were not secret society men. The oldest of these was formed at Williams College, in 1834, and was known as the "Social Fraternity;" the next at Union College, in 1838, was the "Equitable Union." In 1840 these entered into a correspondence with one another; but nothing was accomplished until at a convention, held at Troy, N. Y., the "Anti-Secret Confederation" was established between the Societies of Williams, Union, Hamilton, and Amherst. The name Delta Upsilon was not adopted until 1858, and the loosely-united "Confederation" became a Fraternity. Since that date chapters have been granted. The attack upon the Secret Societies having failed and, seeing the impotency of the term "Anti-Secret," they changed their character to "Non-Secret" in 1882 and, since that date, have adopted all the methods of their secret rivals except the name. The Lehigh Chapter was established in the early Fall of 1885. The members are:

**Class of 1886.**

W. A. Lydon, G. A. Ruddle.

**Class of 1887.**

B. A. Cunningham, C. C. Pollak,
J. M. Howard, O. O. Terrell.

**Class of 1888.**

H. S. Miner, C. J. Parker,
H. S. Morrow, L. M. Zollinger.

**Class of 1889.**

P. Atkinson, R. M. Dravo.
DISTINGUISHED STUDENTS.

In the Registers from 1867–8 to 1869–70, the names of the first five students, according to rank, were printed by themselves, before the general class-roll, under the head of "Distinguished Students." This roll has been extended to the present time. Under each class three lists are given (except in the cases of the classes of 1887 and 1888).

When less than five names are given, only that number made a rank in the class. The order given is for the studies of one year only.

1870. Yates, Butler, Jenkins, Brodhead, Ronaldson.
       Thome, Butler, Jenkins, Yates, Brodhead.
       Thome, Butler, Jenkins, Yates, Brodhead.

1871. Clerc, Whelen, Polhemus, Drinker, McCarthy.
       Clerc, McCarthy, Weaver, Polhemus, Drinker.
       Clerc, McCarthy, Weaver, Polhemus, Drinker.

1872. Bland, Clapp, Webster, Benedict, Coppée.
       Bland, Clapp, Houskeeper, Bruner, Coppée.
       Bland, Miranda, Houskeeper, Klotz, Coppée.

1873. Cumming, Hewitt, Scudder, Lawrence, Baker.
       Cumming, Scudder, Hewitt, Baker, Thomas.
       Orrick, Scudder, Baker, Lawrence, Thomas.

       Hartshorne, Rees, Mitchell, Wilson, Stearns.
       Hartshorne, Herr, Rees, Haines.

1875. Meaker, Lathrop, Evans, Sayre, Zogbaum.
       Meaker, Lathrop, Bechdolt, Zogbaum, Halbach.
       Williams, Meaker, Lathrop, Zogbaum, Bechdolt.

1876. Solliday, Mahon, Lauman, H. Richards, Rice.
       Taylor, L. W. Richards, Angle, H. Richards, Mahon.
       Taylor, H. Richards, L. W. Richards, Mahon, Angle.

       Jacoby, Wolle, Glassell, Heller, Eagley.
       Jacoby, Wolle, Eagley, Marsteller, Miyahara.

       Barr, Nostrand, Bull, Howe, Reed.
       Howe, Wilson, Bull, Lafon, Nostrand.
1879. M. Duncan, Tucker, W. Duncan, Cunningham, Paddock. 
  Tucker, Cunningham, Paddock, Sargent. 
  Tucker, Cunningham, Sargent, Warren, Paddock.

1880. Roche, Treharn, S. Bradbury, Brooke, Hardcastle. 
  M. Duncan, Roche, Hardcastle, Potter, Spalding. 
  Hardcastle, Duncan, Bruner, Spalding, Brooke.

  Crilly, Stockton. 
  Cranz, Stockton, Wetherill, Crilly, Butler.

  Hopkins, Lawall, Henry, Ruff, Morrow. 
  Hopkins, Morrow, Lawall.

1883. Forstall, Lambert, Briggs, Moore, Goldsmith. 
  Lambert, Briggs, Cooke, Crilly, Goldsmith. 
  Forstall, Lambert, Duck, Goldsmith, Briggs.

1884. Semple, Morford, Smith, Hillegass, Myers. 
  Semple, Cooke, Smith, Myers, Watson. 

1885. Cooke, Price, Snyder, Petersen, File. 
  Cooke, Heikes, Temple, Petersen, Nicholson. 
  Petersen, Heikes, Freyhold, Nicholson, Smith.

1886. Surls, Richards, Spengler, Magee, Hazelton. 
  Surls, Richards, Dean, Reist, Hazelton. 
  Harwi, Richards, Siebert, Spengler, Grossart.

1887. Fehnel, Fisher, Barrell, Rau, Stoek. 
  Fisher, Barrell, Fehnel, Stoek, Williams.


---

BROWN AND WHITE.

In the early times at Lehigh there were no University colors. Each class chose a color and frequently changed it during the four years of its life.

In the Fall of 1874 the subject of a common badge was started anew and sufficient interest manifested in the subject to carry it over the vacation into 1875, and in the late Winter or
early Spring the present combination was chosen by a very small majority. The minority was divided in its opinion and the various factions soon forgot their differences. At the same time the subject of a "cheer" was agitated, and the various committees nearly ruined their voices while practicing the various combinations, which ingenuity or despair suggested.

The adoption of *Brown and White* had trench upon the property of Brown University. It was decided to farther encroach by taking a cheer so similar, that it could not be distinguished at a distance and "'Rah! 'Rah! 'Rah! 'Rah! L! U!" was chosen. This differs from the cheer just abandoned in that it was fired off as fast as possible, with no pauses and no repetition of the "L! U!" It was chosen because it was short and took little exertion to make effective.

The colors were adopted mainly by the Class of 1876, and the stories that refer their choice to certain articles of apparel, are interesting and "important if true," but, like many other similar stories, are creations of the imagination.

The new cheer is so new and untried, that it belongs to the coming historian to record its success. It is to be hoped that something will be left by the coming generations that will remind the Alumni of the *Alma Mater* of their youth.

The following are some of the class colors and mottoes:

1875: Cherry. "Crux Professorum."
1876: "De Nihil, nihil venit."
1877: Lavender. "Fortiter, fideliter, feliciter."
1878: Sage Green. "Fronte, nulla fides."
1879: Maroon. "Fit via vi."
1880: Cardinal. "Nec scire fas est omnia."
1881: Purple. { "Virtus, Veritas, Honestas."
1882: Blue and Pink. "Ex Scientia ad gloriariam."
1883: Old Gold and Cardinal. "Finis coronat opus."
1884: Old Gold and Purple. "Prestaemus."
1885: Cardinal and Sage Green. "Par praemium labori."
1886: Garnet and Silver. "Ωυ δοξὴν ἀλλ' ἐναι."
1887: Bronze and Silver. "Non Scholae, sed Vitae."
1888: Old Gold and Dark Blue. "Post proelium praemium."
1889: Crimson and Black. "Certum pete finem."
CLASS OFFICERS.

From the Class of 1876 to the present time, each Class has elected officers each year. Complete Records only exist from the year 1875 and those are given below. The names are given in the order of the officers held, as follows: President, Vice President, Secretary, Treasurer, Historian. When one man held two offices, the name is repeated.

<table>
<thead>
<tr>
<th>Class</th>
<th>1876. Senior Year</th>
<th>Rice, L. W. Richards, Griffith, Griffith, Rice.</th>
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<tbody>
<tr>
<td></td>
<td>Senior Year</td>
<td>Budington, Wolle, Heller, Heller, Warner.</td>
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<tr>
<td></td>
<td>Junior Year</td>
<td>Bull, Wilson, Read, Reed, Hazlett.</td>
</tr>
<tr>
<td></td>
<td>Senior Year</td>
<td>Howe, Bull, Porter, Nostrand, Hazlett.</td>
</tr>
<tr>
<td>1879.</td>
<td>Paddock, Hammond, Jeter, Jeter, Cunningham, Paddock, Linderman, Jeter, Tucker, Cunningham. Paddock, Lindenman, Jeter, Tucker, Cunningham. Paddock, Sargent, Seaman, Tucker, Cunningham.</td>
<td></td>
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</tbody>
</table>
THE FUTURE.

It is natural to magnify the deeds of the past. The tendency to find fault in the foregoing pages, may be ascribed, by those who are unacquainted with our history, to that tendency, and the author may be classed with the ever-growing crowd of faultfinders. To one fully read in the records of Lehigh, there will be only too much of truth in this brief attempt to depict the past. It is by holding a mirror to ourselves that we find out our faults, and a glass that distorts our image is at once rejected. The reader of the volumes of the *Burr* will find on every page the spirit that has animated this work, and if he be possessed of the *Journal*, he will look for it in vain. The past of Lehigh—the remote past—was full of life and vigor: the tendency of the late past was to let affairs drift for themselves, and have no thought for the morrow. There has been no single thing to which the past can lay claim, that was not won by self-denial and hard work. If the past can show no unbroken record of victories, it is due to a want of such a spirit in the students of the day. For the future there is everything to hope. The present generation has
awakened to the sins of its forerunners, and seems determined to start anew; but it must be aware that the effort must be persistent and well directed. There has been plenty of steam developed in the past, but it has escaped into the air and has left no work to show that it existed. It is therefore to be desired that this book, by reiterating the failures of the past, may awaken the mind of each man who wears the Brown and White, to the fact that the record must be bettered, and the work done by his own individual exertions. With everything at his command, there is no reason why success should not crown his efforts; and as soon as it is felt that Lehigh is located—not in the campus; nor in the piles of brick and stone; nor in the Faculty; nor in any outside influence; but in the hearts of the Alumni and the undergraduates, then will be a hope of success. The Alumni are doing their work well in maintaining a creditable place in the world and showing themselves capable and energetic. It remains for the undergraduate part to show that they appreciate the burden on their shoulders. There is an education, for good or ill, gained outside the walls of the classroom, and the teacher is the student body. The future needs plenty of well-directed energy, a persistence through repeated failures, and a tendency to profit by failure. Assured of these, there will be a different tone to the records of the coming decade.
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ADDENDA ET CORRIGENDA.

P. 9, for 1872. Rt. Rev. etc., read 1871. Rt. Rev. etc.
" 11, after line 6, add 1865. E. N. Potter. 1866.,
" 73. line 10, add H. A. J. Wilkens.
" 79. after line 15, add 1886. Same, 35 ft. 9 in.
" 34. " 1886. Same, 74 ft. 3 1-2 in.
" 81. " 1886. Same, 16 ft. 5 in.
" last line, " 1886. McClintic, '87, 5 ft. 3 in.
" 86, for Fleming, '86; } 5 ft. 2 in. { Fall, '82.
  for Stewart, '89; } *W. M., '86. read, McClintic, '87;
  5 ft. 3 in. May 19, '86.
" 87, line 10, erase 1886. (Half) Running High Jump. (1-2)
" 12, add Running High Jump, and for (1) read (2).
" 13, erase 1889. (Half) Running High Jump. (1-2).
in "Summary" under '86 for 1 1-2 read 1. Under '88 for 1 read 2.
Erase '89 and 1-2 under it.