

### **LEWIS E. YOUNG**

Lewis Emanuel Young was president of the American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME) in 1949. He served on the Institute's Board of Directors from 1937 to 1941. From 1942 to 1945 he was vice-president of the Institute.

Dr. Young was born in Topeka, Kansas, October 1, 1878. He obtained his B.S. degree in mining engineering in 1900 at Pennsylvania State College. He earned his E.M. in 1904 at Iowa State College. In 1915, Dr. Young was awarded a Ph.D. degree from the University of Illinois.

Dr. Young began as an instructor at Iowa State College. He soon moved to the Colorado School of Mines, then to the University of Missouri, and the University of Illinois.

When World War I came, Dr. Young plunged into production work. From 1918 until 1922 he was manager of the Steam Heating Department of the Union Electric Company of St. Louis, Missouri. After completing the company's steam heating expansion program, Dr. Young was named general manager of the Union Colliery Company, a wholly-owned subsidiary of Union Electric.

Dr. Young left Union Colliery in 1926 to become vice-president of production for the Pittsburgh Coal Company. He remained in this position until 1939 when he established his own consulting business. He died in 1953.

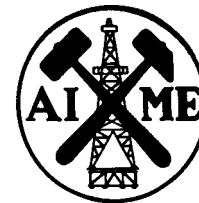
### **ELIZABETH W. YOUNG**

Mrs. Elizabeth W. Young was born in Scranton, Pennsylvania, April 19, 1886. Her family roots are deeply imbedded in Pennsylvania.

When Mrs. Young was still a child, her family moved to the Middle West where she grew up. Most of those years were spent in St. Louis, where she studied voice. She sang on the concert stage and in churches of every denomination while in St. Louis, and continued her concert work in Pittsburgh after moving there in 1927 with Dr. Young.

A long-time, active member of the Woman's Auxiliary to the Pennsylvania Western Section of the American Institute of Mining, Metallurgical, and Petroleum Engineers, Mrs. Young served as the organization's chairman from 1936 to 1938. For many years she devoted a good deal of her time to the work of the Auxiliary, yet still found time for other activities: From the time she moved to Pittsburgh, Mrs. Young was an active member of the Woman's City Club, the Twentieth Century Club, and the Tuesday Musical Club of Pittsburgh.

# **The Lewis E. and Elizabeth W. Young Scholarships**



**The Scholarships Are Administered By  
THE PENNSYLVANIA-WESTERN SECTION OF  
THE WOMAN'S AUXILIARY OF  
THE AMERICAN INSTITUTE OF MINING,  
METALLURGICAL, AND PETROLEUM ENGINEERS**



*In memory of Lewis E. and Elizabeth W. Young. Dr. Young was a noted mining engineer, consultant, and educator. He served as president of the American Institute of Mining, Metallurgical, and Petroleum Engineers in 1949. Mrs. Young was, for many years, an active member of the Pennsylvania-Western Section of the Woman's Auxiliary of the American Institute of Mining, Metallurgical, and Petroleum Engineers.*

## **SCHOLARSHIP DESCRIPTION**

Income derived from the investment of capital given to AIME by Elizabeth W. Young is to be used as grants which are to be entitled "The Lewis E. and Elizabeth W. Young Scholarships." The scholarships are to be given as grants, and not as loans. The scholarships may vary in amount, but will not exceed one thousand dollars to one recipient in any one year. The number of scholarships to be awarded will depend upon the money available from the investment of capital funds, and will also be contingent upon the number of scholarships awarded to individuals.

## **WHO IS ELIGIBLE?**

The following students are eligible to receive grants under the terms of the Lewis E. and Elizabeth W. Young Scholarships: (1) A student graduating from a high school located within the general area (Western Pennsylvania, West Virginia, Virginia) of the Pennsylvania-Western Section of the Woman's Auxiliary of the American Institute of Mining, Metallurgical, and Petroleum Engineers; (2) A student enrolled in his freshman, sophomore, junior, or senior year in a college or university in the area covered by the Section.

The prerequisites for obtaining a scholarship are: need, satisfactory scholastic achievement (C+ or better), and good character. If a student is denied a scholarship grant, he may reapply for a subsequent year providing the prerequisites are met. To be eligible for scholarships, students must plan to study mining engineering, metallurgical engineering, material science, or petroleum engineering in a four year curriculum. Students enrolling in Carnegie-Mellon University, Pennsylvania State University, University of Pittsburgh, Virginia Polytechnic Institute, or West Virginia University will be given preference for scholarships.

The recipient of a scholarship, however, shall be free to select the college or university he or she wishes to attend.

## **HOW TO MAKE APPLICATION**

High school seniors may make application upon the advice and approval of an officer at the school where they are enrolled. Students in colleges or universities will apply on the advice of the dean or the head of the department of engineering in which they are enrolled.

It will be the responsibility of the high school principal, the college or university dean or department head to investigate the applicant's need and qualifications. The principal, dean or department head must attest to the applicant's eligibility in a letter to the chairman of the scholarship loan committee of the Pennsylvania-Western Section of the Woman's Auxiliary of the American Institute of Mining, Metallurgical, and Petroleum Engineers.

## **SELECTION PROCEDURE**

When an application is received by the Section's scholarship loan committee, it is put up for consideration. If approved, it is sent to the National Scholarship Committee of the Woman's Auxiliary of the American Institute of Mining, Metallurgical, and Petroleum Engineers. If approved by this committee, it is sent to the Executive Committee of AIME for final approval.

## **SCHOLARSHIP PRESENTATION**

When the AIME Executive Committee gives final approval of the scholarship application, the Executive Director of AIME is so informed. A check, in the amount of the scholarship, is then signed by the Executive Director and sent to the appropriate high school or college officer for presentation to the student.

## **A WORD ABOUT THE INSTITUTE AND AUXILIARY**

The American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME) was founded in 1871 "to further the arts and sciences essential to the economic production of the minerals and metals useful to mankind." The Institute, which has over 46,000 members around the world, is composed of three distinct societies: the Society of Mining Engineers, The Metallurgical Society, and the Society of Petroleum Engineers. Headquarter offices are maintained in the United Engineering Center, 345 East 47th Street, New York, N.Y. 10017.

The Woman's Auxiliary of the American Institute of Mining, Metallurgical and Petroleum Engineers (WAAIME) was organized in 1917 to respond to wartime needs. The first WAAIME members raised enough money to establish milk depots in Belgium and soup kitchens in France. When the war ended, the group was a well organized society with a board of directors and ten local sections throughout the United States. Turning to a new cause, this one domestic, the Auxiliary began making scholarship loans to students of the earth sciences. In 1921, one loan was granted. Last year 61 students received assistance. There are now more than 3,000 WAAIME members and 42 Sections throughout the United States and Latin America, all involved in scholarship aid and career guidance programs.

GUIDELINES TO BE FOLLOWED IN THE ADMINISTRATION OF SCHOLARSHIPS AWARDED  
FROM THE ELIZABETH W. YOUNG SCHOLARSHIP FUND

1. The income derived from the investment of the capital sum of the fund will be used as grants which will be entitled "The Lewis E. and Elizabeth Young Scholarships". The Scholarships will be given as grants and not as loans.
2. The Scholarships may vary in amounts but will not exceed \$1,000 to one recipient in any one year. The number of Scholarships to be given will depend upon the money available from the earnings of the endowment fund and the amount of Scholarships awarded to individuals.
3. A student graduating from a high school located within the general area of the Pennsylvania-Western Section of the Woman's Auxiliary of AIME or enrolled in his freshman, sophomore, junior, or senior year in a college or university in the area covered by the Section will be eligible to apply for a Scholarship. A student from another area may be considered eligible for a scholarship at the discretion of the Scholarship Loan Committee of the Pennsylvania-Western Section of WAAIME.
4. The prerequisites for obtaining a Scholarship will be need, satisfactory scholastic achievement, i.e., C+ or better grade rating and good character. A reapplication for a subsequent year may be made providing the prerequisites are met.
5. High school seniors will make application upon the advice and approval of an officer of the high school in which the student is enrolled. Students in colleges or universities will make application on advice of the Dean or Head of the department of the engineering school in which they are enrolled.
6. It will be the responsibility of the high school officer, or the college or university Dean or department head to investigate the applicant's need and qualifications and attest to such in a supporting letter to the chairman of the Scholarship Loan Committee of the Pennsylvania-Western Section of the Woman's Auxiliary of AIME.
7. To be eligible for Scholarships students must plan to study mining engineering, metallurgical engineering, materials science, or petroleum engineering in a four year curriculum. Students enrolling in Carnegie-Mellon University, Pennsylvania State University, University of Pittsburgh, Virginia Polytechnic Institute and West Virginia University will be given preference for the Scholarships. However, the recipient of a scholarship shall be free to select the college or university which he or she desires to attend.
8. When an application form has been satisfactorily completed by the applicant and approved by the appropriate high school or college officer, it will then be sent to the Scholarship Loan Committee of the Pennsylvania-Western Section of WAAIME for consideration. If the application is approved by this Committee it will then be sent to the National Scholarship Loan Committee of the WAAIME for approval, and if approved by this Committee, it will then be sent to the AIME Executive Committee for final approval.
9. When an application is finally approved by the AIME Executive Committee, the Executive Director of AIME will send a check in the amount of the Scholarship to the appropriate high school or college officer for presentation to the student. When possible, arrangements may be made for presentation of the scholarships funds to the applicant at an appropriate AIME meeting.

Approved  
AIME Executive Committee  
May 22, 1969

## LEWIS E. AND ELIZABETH W. YOUNG SCHOLARSHIP

Applicant's Name: \_\_\_\_\_  
Present Address: \_\_\_\_\_  
Home Address: \_\_\_\_\_  
School Phone #: \_\_\_\_\_ Home Phone #: \_\_\_\_\_  
E-Mail Address: \_\_\_\_\_ FAX#: \_\_\_\_\_  
Social Security #: \_\_\_\_\_ # of Dependant Children \_\_\_\_\_  
SINGLE MARRIED SEPARATED DIVORCED (Circle One)

College/University: \_\_\_\_\_ Major: \_\_\_\_\_  
Present Year in School: \_\_\_\_\_ Graduation Date: \_\_\_\_\_  
Cumulative GPA: \_\_\_\_\_ Major GPA: \_\_\_\_\_  
Scholarships Held Now: \_\_\_\_\_ Amount: \$ \_\_\_\_\_  
Extracurricular Activities: \_\_\_\_\_

REASONS YOU NEED THE SCHOLARSHIP: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signed \_\_\_\_\_

**AS DEPARTMENT HEAD, I FULLY RECOMMEND THIS STUDENT FOR THE YOUNG SCHOLARSHIP.**

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signed \_\_\_\_\_

**College or High School Transcript MUST accompany this application.**

# YOUNG FINANCIAL FORM

## Present Academic Year's Income

Scholarships \_\_\_\_\_

Loans \_\_\_\_\_

Earnings \_\_\_\_\_

Summer Earnings \_\_\_\_\_

Parental Support \_\_\_\_\_

Spousal Support \_\_\_\_\_

Cash & Savings \_\_\_\_\_

**Total Income** \_\_\_\_\_

## Next Academic Year's Income

Scholarships \_\_\_\_\_

Loans \_\_\_\_\_

Earnings \_\_\_\_\_

Summer Earnings \_\_\_\_\_

Parental Support \_\_\_\_\_

Spousal Support \_\_\_\_\_

Cash & Savings \_\_\_\_\_

**Anticipated Income** \_\_\_\_\_

## Present Academic Year's Expenses

Tuition & Fees \_\_\_\_\_

Housing & Food \_\_\_\_\_

Books & Supplies \_\_\_\_\_

Car \_\_\_\_\_

Medical \_\_\_\_\_

Loan Interest \_\_\_\_\_

Credit Card Debt \_\_\_\_\_

Other (Please Explain) \_\_\_\_\_

\_\_\_\_\_

**Total Expenses** \_\_\_\_\_

**Difference** \_\_\_\_\_

## Next Academic Year's Expenses

Tuition & Fees \_\_\_\_\_

Housing & Food \_\_\_\_\_

Books & Supplies \_\_\_\_\_

Car \_\_\_\_\_

Medical \_\_\_\_\_

Loan Interest \_\_\_\_\_

Credit Card Debt \_\_\_\_\_

Other (Please Explain) \_\_\_\_\_

\_\_\_\_\_

**Anticipated Expenses** \_\_\_\_\_

**Difference** \_\_\_\_\_