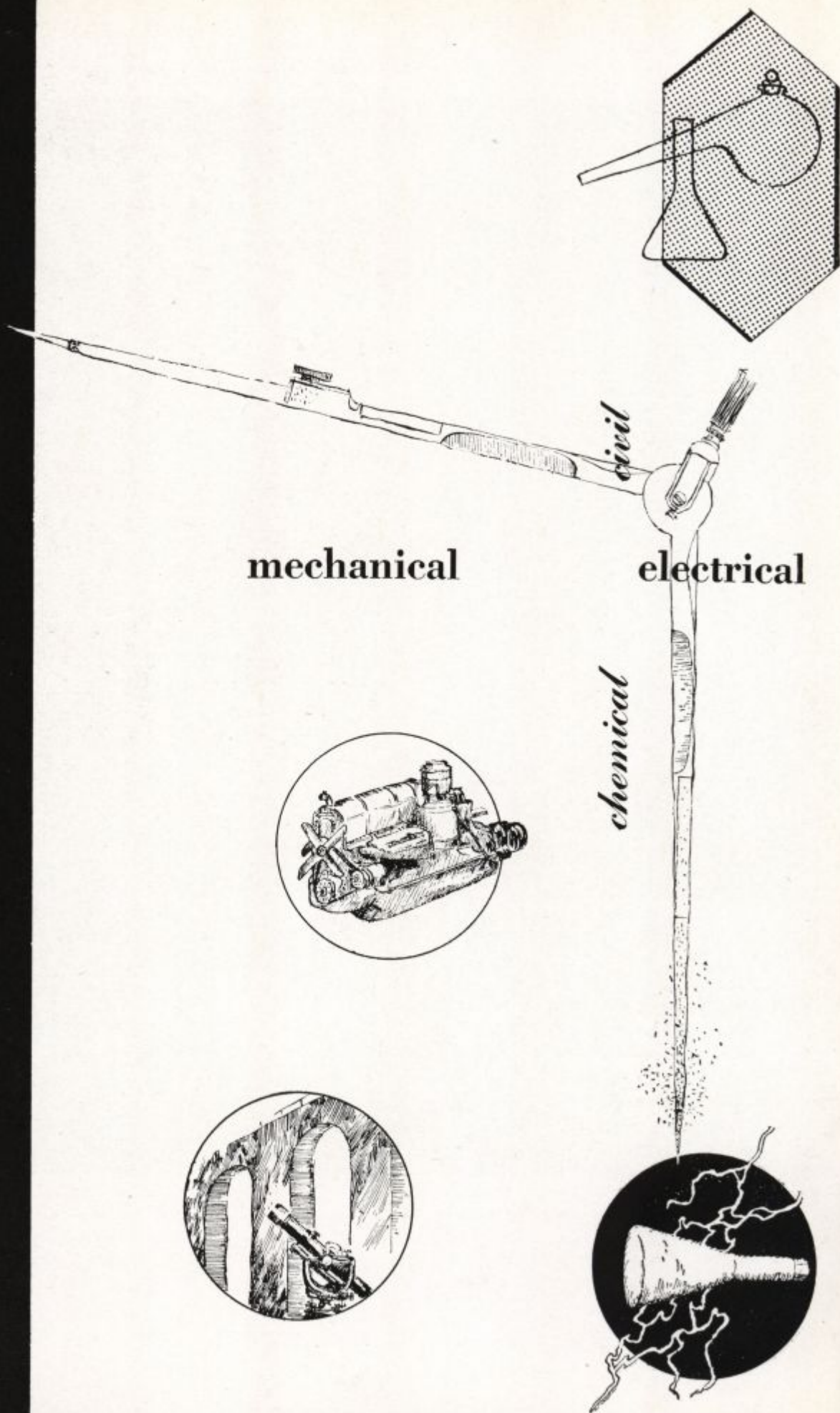


ENGINEERING



Pennsylvania State College, 1922-1925; Lafayette College, 1929-June, 1930. Graduate work at Lehigh U., U. of Michigan and Lafayette C. Lafayette C.: B.S., 1930; M.E. (Professional), 1930; M.S. in M.E., 1937. Draughtsman, designer, test engineer, Ingersoll-Rand Co., 1925-1929; Mechanical Engineer, Pennsylvania Power and Light Co., 1930. Instructor in Mechanical Engineering, Lafayette C., 1930-1933; Asst. Prof., Lafayette C., 1933-1937; Asst. Prof. Purdue U., 1937-1940; Associate Prof., Purdue U., 1940-1941; Director of Personnel, Purdue U., 1940-1941; Prof. of Mechanical Engineering, Iowa State C., 1941-1942; Prof. and Head, Department of Mechanical Engineering, Iowa State C., 1942-1946; Director, U. S. Navy Diesel School, Iowa State C., 1942-1945. Registered Professional Engineer, States of Delaware and Iowa; Member of American Society of Mechanical Engineers, American Society for Engineering Education. Social fraternity: Theta Xi. Honorary fraternities: Phi Kappa Phi, Tau Beta Pi, Pi Tau Sigma, Kappa Phi Kappa, Scabbard and Blade.



DAVID L. ARM
Dean of the School of Engineering

The School of Engineering offers instruction in the four major divisions: Chemical Engineering, Civil Engineering, Electrical Engineering, and Mechanical Engineering.

The curricula are designed to train the students for successful careers in the engineering profession, to familiarize them with the economic and social aspects of engineering developments, and to assist them in becoming useful citizens. Each of the four curricula offers a broad fundamental training in the basic subjects of its field. Competency in the correct use of the English language and a thorough understanding of the fundamentals of economics and business training are required. In addition, time is allowed during the junior and senior years for free electives in the humanities.

These curricula have been accredited by the Engineers' Council for Professional Development, acting for the major engineering organizations of the United States and Canada.

Graduate programs leading to the Master's degree are offered in the Divisions of Civil Engineering, Electrical Engineering, and Mechanical Engineering. The Division of Chemical Engineering offers graduate work leading to the degree of Doctor of Philosophy.

The School of Engineering conducts research projects in cooperation with various industrial firms and with agencies of the United States Government. Fundamental research on heat transfer, combustion, rubber, and plastics is currently in progress.

In order to provide greater service to the industries of the State and to the engineers in their employ, the School of Engineering conducts numerous classes in extension centers. Most of the courses offered are at the graduate level and are designed to meet the needs of men who are engaged in engineering positions in the nearby industries.

DEPARTMENT HEADS



DR. A. P. COLBURN
Chemical Engineering



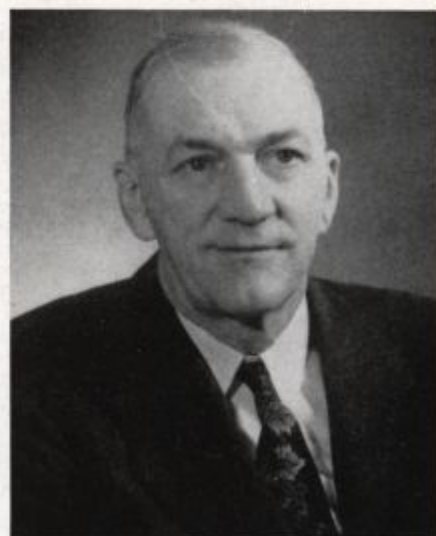
MR. T. D. MYLREA
Civil Engineering



MR. M. G. YOUNG
Electrical Engineering



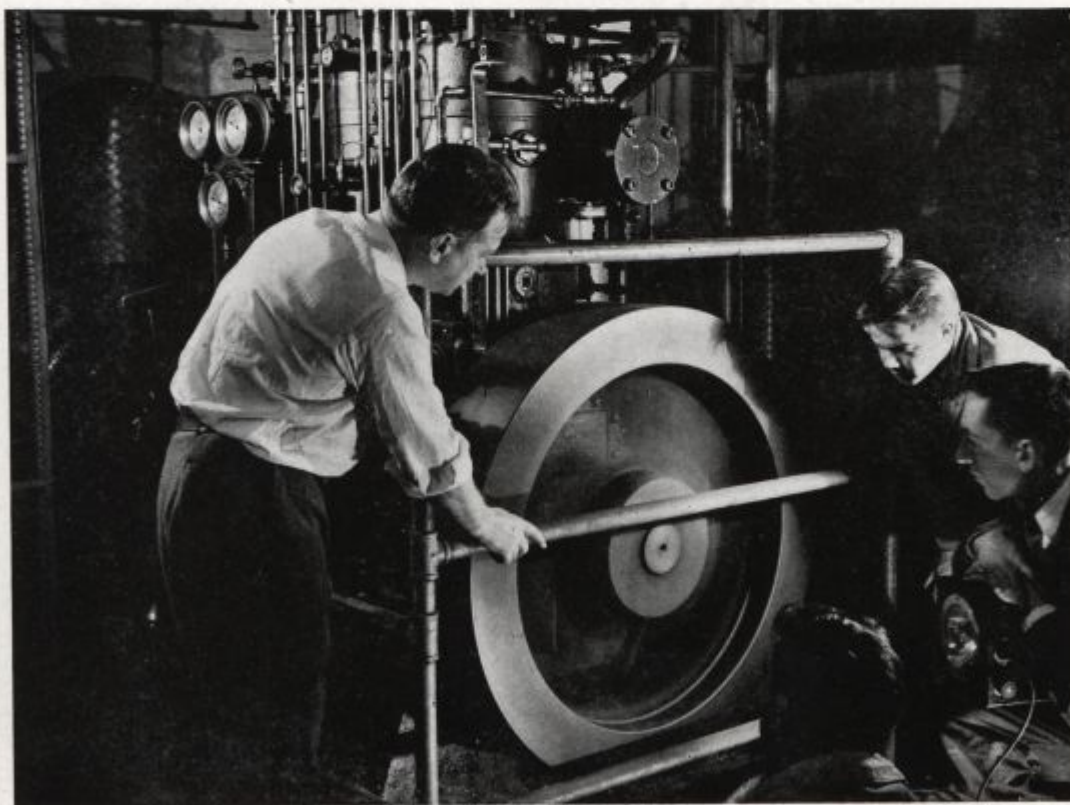
MR. J. I. CLOWER
Mechanical Engineering



MR. H. K. PRESTON
Mechanics

FACULTY—Engineering

J. I. CLOWER, M.E.	T. D. SMITH, C.E.
A. P. COLBURN, Ph.D.	O. P. BERGELIN, Sc.D.
T. D. MYLREA, C.E.	H. A. BIRKNESS, M.S.
H. K. PRESTON, C.E.	J. A. GERSTER, Ph.D.
M. G. YOUNG, M.S.	D. U. GREENWALD, Ph.D.
L. BLUMBERG, E.E., M.E.	R. W. JONES, M.S.
J. L. COYLE	W. F. LINDELL, B.M.E., EE.
H. F. BEIK, B.M.E.	



ENGINEERING SENIORS



WESTON H. BEALE

"Wes"

Engineering, Chemical
Kemblesville, Pa.

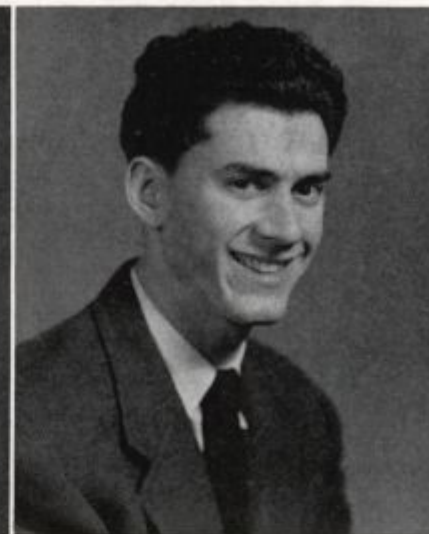
A.I.Ch.E., University Chorus, Voice
Club, Signal Corps 2 yrs.



PAUL F. BENDER

Engineering, Electrical
Wilmington, Del.

A.I.E.E., Theta Chi, Signal Corps 33
mos.



NORMAN D. BERMAN

"Banana"

Engineering, Chemical
Wilmington, Del.

Review, Social Comm., Intramural
Sports, Soccer, Basketball, Alpha Ep-
silon Pi, Pi Mu Epsilon, A.I.Ch.E.,
Army 2 yrs.



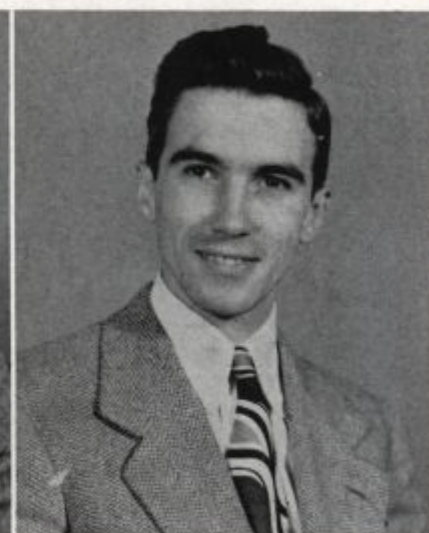
LEN BOOTH

Engineering, Mechanical
Newark, Del.



WILLIAM F. CLARK

Engineering
Wilmington, Del.



WILLIAM BERNARD CLEMENTS

"Bernie"

Engineering, Chemical
Newark, Del.

Basketball—Manager, University Choir,
Sigma Phi Epsilon, A.S.M.E., Engi-
neers 3½ yrs.

ENGINEERING SENIORS



DAVID COHEN

Engineering, Mechanical
Wilmington, Del.

Intramural Sports, Forum, A.S.M.E.,
Alpha Epsilon Pi—Pres., Interfrater-
nity Council—Vice-Pres., Army 3 yrs.



JOSEPH F. COLMAN, JR.

"Joe"

Engineering, Mechanical
Annapolis, Md.

Theta Chi — Vice-Pres. — Social Chrm.,
Intramural Sports, Orchestra, Blue
Keys, A.S.M.E., Canterbury Club, Engi-
neers 3 yrs.



FRANCIS E. DUFFY

"Duff"

Engineering, Mechanical
New Castle, Del.

Review, Wrestling, Newman Club,
Forum, A.S.M.E., Kappa Alpha, Army
3 yrs.



STERLING AYERST DUNBAR

"Bud"

Engineering, Electrical
Elkton, Md.

A.I.E.E., Navy 27 mos.



CHARLES FACCIOLA

Engineering, Mechanical
Wilmington, Del.
Infantry



THADDEUS JOSEPH GRABOWSKI

"Ted"

Engineering, Chemical
Wilmington, Del.

Soccer, Basketball, Baseball, Football,
Cauldron, A.I.Ch.E., Brown Hall House
Council, Soph. Representative—Stu-
dent Council, Newman Club, I.M.A.,
Army 2 yrs.

ENGINEERING SENIORS

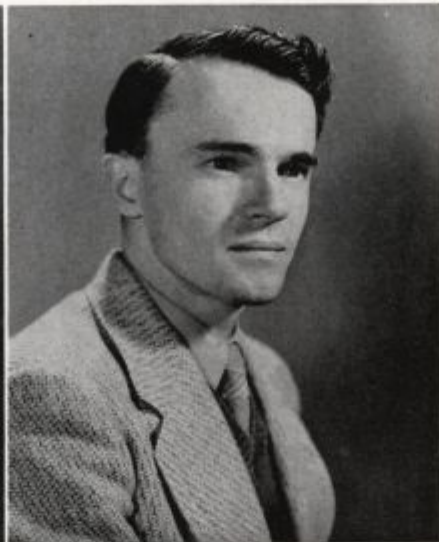


THOMAS REESE GRIFFIN, JR.

"Griff"

Engineering, Chemical
Newark, Del.

Review, Band, J. V. Baseball, Track,
Intramural Sports, A.I.Ch.E.—Pres.
Tau Beta Phi—Sec., Sigma Phi Ep-
silon, Who's Who in Amer. Colleges
and Univ., Army Air Force 3 yrs.



RICHARD B. HOOTS, JR.

"Dick"

Engineering, Chemical
New Castle, Del.

A.I.Ch.E., Kappa Alpha, Engineers 3
yrs., Adv. R.O.T.C.

JAMES SETH HOPPER

"Jim"

Engineering, Chemical
Middletown, Del.

Band, Student Council, Intramural
Sports, Theta Chi, Tau Beta Pi—Sec.,
Phi Kappa Phi, A.I.Ch.E.—Pres.,
Who's Who in Amer. Colleges and
Univ., Army 3½ yrs.



L. S. INSCHO, JR.

Engineering, Mechanical
Elsmere, Del.
Infantry



JOHN F. KEEN

"Jackson"

Engineering, Mechanical
Wilmington, Del.

A.S.M.E.—Sec., Infantry 2½ yrs.

JAMES ROBINSON KELLY

"Jim"

Engineering, Chemical
Lewes, Del.

Soph Class Pres., Senior Class Tres.,
Swimming, Sigma Nu—Pres., Tau
Beta Pi, A.I.Ch.E., Navy 3 yrs.



ENGINEERING SENIORS



ARTHUR MILLMAN

"Art"

Engineering, Chemical
Harrington, Del.

Football, Track, Swimming, Dramatics,
Student Council, Cauldron, Review,
Tau Beta Pi, Phi Kappa Phi, Pi Mu
Epsilon, Infantry 3 yrs.

V. MITCHELL

Engineering, Civil
New Castle, Del.



WHELAN W. KLEMME, JR.

"Klem"

Engineering, Chemical
Belleville, Ill.

A.I.Ch.E., D.S.C.A., Review, Kappa
Alpha, Ski Club.

HERBERT F. KRAEMER

Engineering, Chemical
Wilmington, Del.

Review, E-52—Photography, Ski Club,
Soccer, A.S.Ch.E., Pi Mu Epsilon, Navy.



WALTER J. LILLEY

"Walt"

Engineering, Chemical
Claymont, Del.

Band, Review, A.I.Ch.E., A.C.S. Track,
Sigma Phi Epsilon, Engineers 3 yrs.

SEYMOUR B. MATUSOFF

"Matt"

Engineering, Electrical
Coatesville, Pa.

Intramural Sports, Football, J. V. Base-
ball, Intramural Play Contest, Alpha
Epsilon Pi, A.I.E.E.—Pres., Army 3½
yrs.



ENGINEERING SENIORS



JOHN WRIGHT OTT

"Pot"

Engineering, Mechanical
Wilmington, Del.

A.S.M.E.—Pres., S.G.A.—Pres., Sigma
Nu—Tres., A.S.T. 1 yr.



WILLIAM J. MONAGHAN, JR.

"Bill"

Engineering, Electrical
Wilmington, Del.

Basketball, Soccer, Baseball, Review,
Intramural Sports, Kappa Alpha,
A.I.E.E.

RALPH M. NEWMAN, JR.

"Todd"

Engineering, Mechanical
Washington, D. C.

Intramural Sports, Interfrat. Play,
Swimming, Review, College Post
Office, A.S.M.E., Sigma Phi Epsilon,
Marine Corps 3 yrs.



WILLIAM DREXEL PIERCE

"Drex"

Engineering, Civil
Wilmington, Del.

Soccer, Intramural Award Winner, Adv.
R.O.T.C., Intramural Sports, Interfrat.
Council, A.S.C.E., Kappa Alpha—Vice-
Pres., Engineers 34 mos.



WILLIAM HOWELL PIPER

"Pipe"

Engineering, Chemical
Wilmington, Del.

Manager — Football, Track, Review,
S.G.A. Sigma Nu, Spartans, A.I.Ch.E.,
Student Union—Chrm., Infantry 3 yrs.

HERBERT J. RAMBO, JR.

"Herb"

Engineering, Mechanical
Collingswood, N. J.

Football, Track, Tau Beta Pi, Spar-
tans, U.S.N.R. 2½ yrs.



ENGINEERING SENIORS



FRANCIS H. RAUGHLEY, JR.

"Fran"

Engineering, Chemical
Dover, Del.

Swimming, A.I.Ch.E.—Tres., Infantry
41 mos. Married.



GEORGE MAURICE ROSSITER

"Ros"

Engineering, Mechanical
Jenkintown, Pa.

A.S.M.E., Interfrat. Council, Basket-
ball, I.F.C. Dance Comm. Chrm.,
Sigma Nu, Who's Who in Amer. Col-
leges and Univ., Marine Corps 2½ yrs.

THOMAS A. SAUNDERS

"Big Tom"

Engineering, Mechanical
Wilmington, Del.
Army

CARL R. SCARBOROUGH

"Oscar"

Engineering, Chemical
Milford, Del.
A.I.Ch.E., Signal Corps 3 yrs.



JAMES SHORT

Engineering, Chemical
Lewes, Del.

GEORGE T. SINGLEY, JR.

Engineering, Mechanical
Wilmington, Del.

I.S.A. Pres., A.S.M.E.—Pres., Who's
Who in Amer. Colleges and Univ.,
Infantry 3 yrs.



ENGINEERING SENIORS



JOHN J. STAIR

"Jake"

Engineering, Chemical
Rosemont, Pa.

Intramural Sports, Baseball, I.M.A.,
Review—News Editor, Debate Club,
Dramatics, A.I.Ch.E., Yacht Club, In-
fantry 3 yrs.



RICHARD TAYLOR

Engineering, Civil
Wilmington, Del.



JOHN C. WELDIN

"Jack"

Engineering, Electrical
Wilmington, Del.
Marine Corps 3 yrs.

OTHER SENIORS

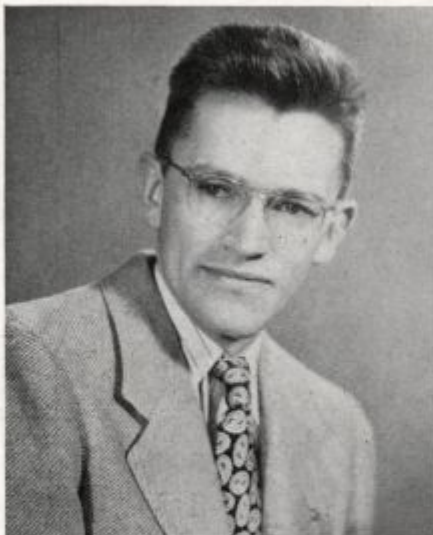
ROBERT J. FORMAN, JR.

ED SADOWSKI

HERBERT F. JOHANSON

ROBERT SHURTER

JAMES ROE



CHARLES W. WILKINS

Engineering, Electrical
Wilmington, Del.

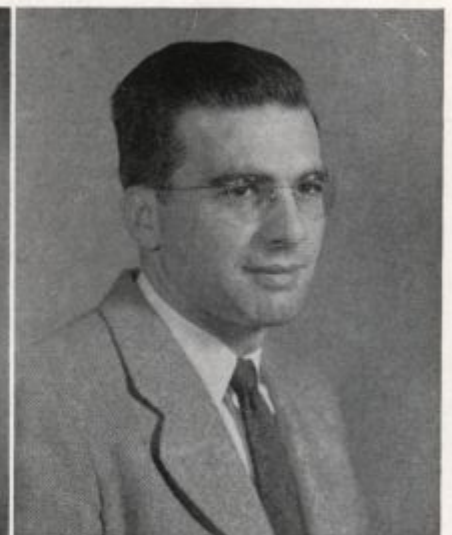


HOWARD B. WILSON

"Whitey"

Engineering, Mechanical
Newark, Del.

Baseball, A.S.M.E., Band, Intramural
Sports, Kappa Alpha, Engineers 3 yrs.



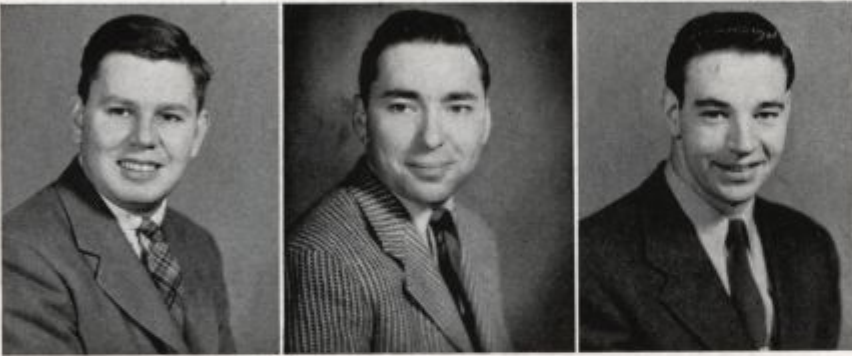
PETER JOHN ZANNONI

"Pete"

Engineering, Chemical
Wilkes-Barre, Pa.

Interfrat. Council, A.I.Ch.E., Kappa
Alpha—Pres., Engineers 40 mos.

ENGINEERING JUNIORS



William H. Bave
Chemical
Wilmington, Del.

Seymour Bellak
Mechanical
Wilmington, Del.

Gerald L. Bowlus
Chemical
Wilmington, Del.

Henry A. Brainerd
Mechanical
Norwood, Pa.

Robert R. Campbell
Mechanical
Greensboro, N. C.

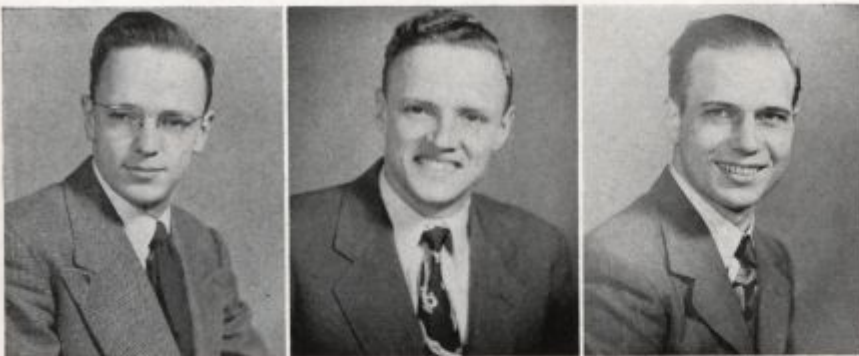
John G. Catts
Chemical
Cranford, N. J.



Joseph H. Clark, Jr.
Mechanical
Wilmington, Del.

Robert Cleaver Cofer
Chemical
Delaware City, Del.

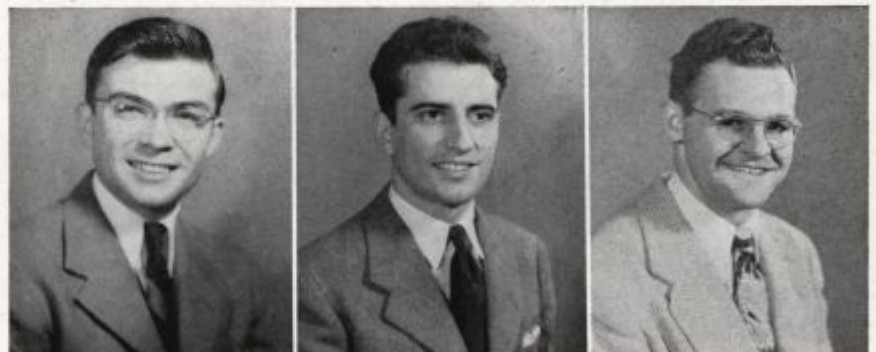
John A. Dean
Mechanical
Newark, Del.



John R. Dick, Jr.
Mechanical
Rehoboth Beach, Del.

James V. Echeverria
Mechanical
Newark, Del.

David H. Forrester
Chemical
Arlington, N. J.



ENGINEERING JUNIORS

G. Morgan Homewood
Chemical
Wilmington, Del.

Robert Hunter
Chemical
Wilmington, Del.

Donald Walter Kershner
Chemical
Wilmington, Del.



Richard C. Kiddoo
Chemical
Wilmington, Del.

Waldemar T. Krussman
Mechanical
Newark, Del.

Edward H. Lake
Mechanical
Hockessin, Del.

Earle William Leaman
Mechanical
Wilmington, Del.

Henry J. Lewis
Civil
Wilmington, Del.

Louis T. Liarakos
Chemical
Wilmington, Del.



H. S. Ling
Chemical
Tientsin, Hopeh, China

Byron Wood McCandless
Mechanical
Garden City, N. Y.

Donald Lyle McLellan
Chemical—Mechanical
Wilmington, Del.

ENGINEERING JUNIORS



William J. Maloney, Jr.
Chemical
Wilmington, Del.

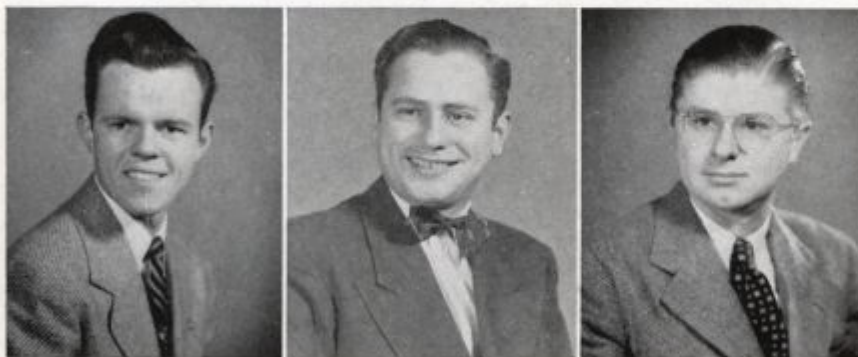
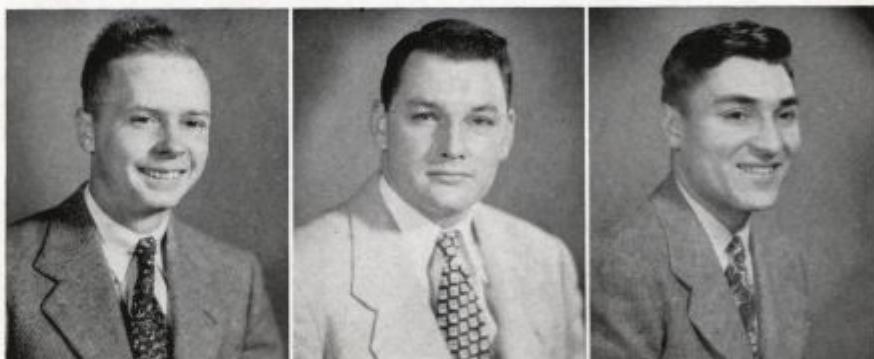
Edward G. Miller
Chemical
Wilmington, Del.

James E. Orr, Jr.
Chemical
Garden City, N. Y.

William J. Osborne
Chemical
Newark, Del.

William E. Otton
Mechanical
Stone Harbor, N. J.

Philip E. Page, Jr.
Chemical
San Francisco, Cal.



Charles N. Pierson, Jr.
Mechanical
Wilmington, Del.

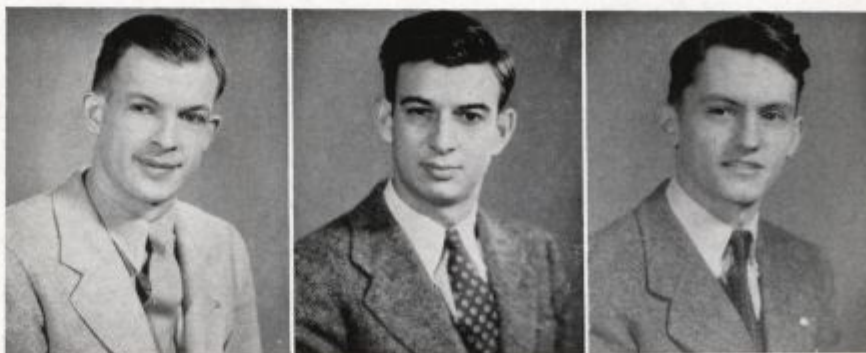
Harry Pollack
Mechanical
New York, N. Y.

Charles C. Porch
Electrical
Salem, N. J.

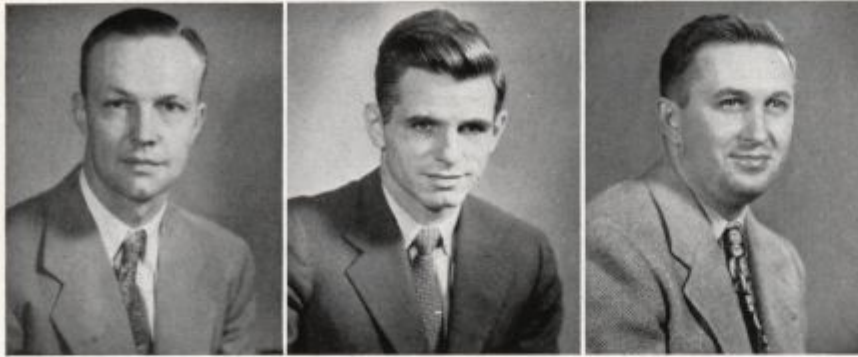
Augustus J. Shank
Mechanical
Newark, Del.

Nathan H. Simon
Chemical
Wilmington, Del.

Herbert Singer
Mechanical
Wilmington, Del.



ENGINEERING JUNIORS



Warren B. Snow
Chemical
Delaware City, Del.

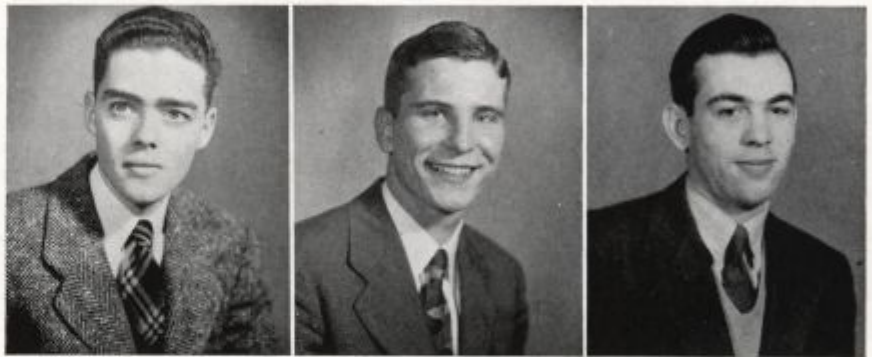
Fred Conwell Tammany
Electrical
Newport, Del.

Alfred S. Taylor
Mechanical
Wilmington, Del.

Edmond W. Tobin
Mechanical
Wilmington, Del.

Edmond J. Vakiyes
Mechanical
Wilmington, Del.

Richard G. Vincent
Mechanical
Wilmington, Del.



Thomas M. Walsh
Mechanical
Linwood, Pa.

Robert H. Winter
Mechanical
Wilmington, Del.

OTHER ENGINEERING JUNIORS

ROBERT O. CARTER
ROBERT A. FISHER
LERYLE EDMUND GROVE
STEVEN GULA
FRANKLIN W. HAZZARD
JOSEPH T. HOLLINGSWORTH
HARRY HUXFORD
CYRIL J. KAEMMERLEN
PHILIP K. KEGEL
HERMAN Y. KRINSKY
RICHARD W. KUNSTNAN
MARTIN S. MALTENFORT
EDWARD A. MULROONEY, JR.

DONALD C. PHILLIPS
GEORGE J. PINTO
CLARENCE J. PYLE
THOMAS E. RIGGIN
GILPIN ROBINSON
J. RUSSEL ROWLAND, JR.
ARNOLD P. SCHUELER
LOUIS T. STAATS, JR.
JOHN BERNARD STOPYRA
FRANCIS W. STRAHORN
JOSEPH T. TYNDALL
FRANK W. WILKINS, JR.
STANLEY W. WITKOWSKI

