WILLIAM LEWIS NOW DEAN OF ILLINOIS TECH GRAD SCHOOL

Dr. WILLIAM A. Lewis Jr. '26, former research professor of electrical engineering at Illinois Institute of Technology and consultant to Illinois Tech's Armour Research Foundation, became dean of the Institute's Graduate School on September 1.

Dr. Lewis holds three degrees from C. I. T., having been granted the Doctor of Philosophy degree in 1929 summa cum laude.

Going to Illinois Tech in April 1944 from his previous position as director of the School of Electrical Engineering at Cornell University, Ithaca, New York, Dr. Lewis has continued his notable contributions in the fields of electric power transmission, power system relaying, the analysis of system stability, the derivation of transformer equivalent circuits, and network calculator studies.

Previous to his appointment at Cornell in 1939, Dr. Lewis served for 10 years as central station engineer with the Westinghouse Electric Corporation in East Pittsburgh, Pennsylvania.

At Illinois Tech he has been in charge of the $90,000 A-C Network Calculator which was installed cooperatively by a number of utility companies a year ago.

A fellow of the American Institute of Electrical Engineers and a member of the American Society for Engineering Education, Dr. Lewis has been teaching graduate courses in electrical engineering at Illinois Tech.

PIERRE HONNELL '40 CITED FOR LEGION OF MERIT

PIERRE M. Honnell '40, who served at West Point during the war, was awarded the following Citation for the Legion of Merit prior to the termination of his duties:

"Lieutenant Colonel Pierre M. Honnell, Signal Corps, Army of the United States, serving in the Department of Chemistry and Electricity, United States Military Academy, from May 1942 to December 1945, distinguished himself as an instructor and by his significant contribution to the planning and engineering supervision of the new Electronics Laboratory. His achievements reflect his unusual technical skill and untiring devotion to duty."

This Citation, an official recognition of his contribution to the Academy, was awarded for his work as instructor, property officer of the department, and director of electronics.

Before going on terminal leave, Pierre was promoted to full colonel in the Signal Corps Reserve.

He is now an associate professor in the electrical engineering department of the University of Illinois.

REPORT ON SAN FRANCISCO ALUMNI SWIMMING PARTY

A REPORT from Robert P. Jones '35, secretary-treasurer of the San Francisco Alumni Chapter, lists the activities of the Chapter's fourth swimming party.

"Bob and Betty Bowman's Rancho was the scene of an alumni swimming, barbecue, and card party. Although scheduled to begin at 1:30 P. M. Saturday, August 31, some alumni began arriving at 11:00 A.M.

"During the afternoon swimming, beer, coke, and 'bull sessions' were available, but about 5 o'clock everyone's interest turned to food. After a picnic supper under the arbor, everyone joined in an informal musical program of excellent solos and group singing. Various card games kept the Bowmans up till about 1:00 A. M.

"A record turn out of 62 alumni and family speaks well for the success of the party, and we sincerely extend our thanks to Bob and Betty Bowman.


ARMY AND NAVY ACADEMY

"WHERE THE CAMPUS MEETS THE SURF"

If you are interested in a school of distinction for your son, investigate this fully accredited military academy—one of the West's oldest. Successful guidance program. The only school in the West located on the ocean.

For Catalogue: Box ES Army and Navy Academy, Carlsbad, Calif.
PERSONALS

1922 DOCTOR EMIL D. RIES was appointed assistant general manager of the Du Pont Ammonia Department early in July. Dr. Ries was formerly director of sales of that department.

1925 CARL H. HEILBRON JR. left, at the end of July for the island of Okinawa, to be gone a year. He is chief structural engineer for Holmes and Narver, who are designing permanent army bases on Okinawa.

FRANZ A. LARSON is employed by Preco Company, of Los Angeles.

1926 The class of 1926 held its 20th reunion at the Athenaeum, Friday, June 21. Present were: ALLAN LAWS, MANLEY EDWARDS, S. EERLEY KNAPP, A. L. BYLER, HERMAN SCHOTT, STU SEYMOUR, DON DINSMORE, ED VALBY, A. LEX KRONBORG, IRA TRIGGS, MARK SERRURIER, ERNST MAAG, ROSCOE HOWELL, DON MACFARLANE and H. P. HENDERSON, district engineer for Worthington Pump and Machine Corporation, San Francisco, BERT BEVERLY JR., of the Arabian American Oil Company, Dhabran, Saudi Arabia-via Bahrein Island, Persian Gulf; and JAY VAN DEN AKKER, attorney, assistant chief of the Division of the Bone Engineering Corporation, Glendale, had a variety of jobs during the war, working on the Union Oil Company, in charge of exploration for Oregon and Washington.

1927 DOCTOR CARL ANDERSON was married recently in Santa Barbara to the former Mrs. Lorraine Burnett. Their wedding trip included Del Monte, Pacific Grove, and San Francisco.

ENGLE F. RANDOLPH is now connected with Dadies and Associates, Long Beach, California.

W. LAYTON STANTON JR. was transferred to Olympia, Washington, January 1, 1946 as division geologist for the Union Oil Company, in charge of exploration for Oregon and Washington.

1929 CLAUDE D. HAYWARD arrived in Southern California in late June on a three-week vacation trip. He is with the General Electric Company in their Philadelphia works, as development engineer, Circuit Breaker Division.

NICHOLAS M. OBOUKHOFF Ph.D., has an article published in the Journal of Engineering Education for April, 1946, entitled "Teaching and Practicing Electrical Design". Dr. Oboukhoff, research professor at the Oklahoma A. and M. College, also read two papers: "The Social Philosophy of Nietzsche"; and "The Social Philosophy of Guyau", before the annual meeting of the Oklahoma Academy of Science in December, 1947.

FRED A. WHEELER is employed by Norris Stamping and Manufacturing Company in Los Angeles.

1930 ORIN ELLIOTT is working for the Sun Oil Company of Chester, Pennsylvania, on problems of feed and water treatment.

1931 CALVIN FRYE is an engineer with the Bureau of Ships, Washington, D. C. He reports that he has been with this department seven years; also that he is still single.

BERNY BOOTHE has accepted a commission as commander (C.E.C.) U.S.N.R. He has been assigned duty as contract superintendent in public works at the Puget Sound Naval Shipyard, Bremerton, Washington.

COLONEL BEN HOLZMAN has been in the Pacific in connection with the Atomic Bomb tests.

COMMANDER LAWRENCE E. KINSLEER recently has regained his inactive status in the Naval Reserve. During the past year he has been head of the Physics Division at the U. S. Naval Academy. In July he raised the Naval Academy's 62-foot sloop, "Highland Light" into fourth place in the Newport-Bermuda Yacht Race. He now as assumed the position of associate professor of physics at the Naval Academy Postgraduate School, Annapolis, Maryland.

1933 JOHN R. PIERCE, Ph.D., '36, was cited in the July 8 issue of Newsweek for developing, with L. M. Field, a new traveling-wave vacuum tube. This new amplifier is claimed by the Bell Telephone Laboratories to speed the advancement of microwave radio-relay systems.

1934 JACK M. DESMOND is on terminal leave from the Army. He spent one year in Hawaii as a Signal Corps captain.

COLONEL JAMES W. MCRAE was awarded the Legion of Merit for outstanding service during World War II. The citation for the award reads as follows: "Colonel McRae, Signal Corps, Army of the United States, serving in several important capacities in the Office of the Chief Signal Officer from April 1942 to October 1947, demonstrated outstanding technical and executive ability which were beneficial in establishing programs in the field of electronics, particularly in the research and development of radar and radar countermeasures".

ROBERT SHARP is associate professor of geology and mineralogy at the University of Minnesota.

1935 BERNARD B. WATSON has recently received a three-year appointment as assistant professor of physics in the Randial Morgan Laboratory of Physics at the University of California.

1936 HOLLEY B. DICKINSON, class secretary, has accumulated a number of facts about the class on the occasion of the tenth anniversary of their graduation. Holley is employed by Lockheed Aircraft, Burbank, as an engineer.

RAYMOND H. F. BOOTHE is now a structural designer for Don B. Parkison, Architect, after three and a half years in the Naval Reserve, discharged as a lieutenant (C.E.C.) U.S.N.R.

D. DWIGHT TAYLOR Consulting Physicist
Special Engineering Calculations
Numerical Integration—Subdivision Calculations
214 E. Colorado Street, Pasadena 1, Calif.
SYcamore 6-5673

ALLEN MACHINE & TOOL CO.
Designers and Builders of Special Machinery and Tools
Also General Machine Work
13409 S. Alameda Street
Compton, California
Phons: DNevesa 6-2707 - NWmark 4-1890

PRESIDENTIAL SILVER CO.
"Research and Development Machine Shop"
223-227 West Redondo Blvd.
Inglewood, Calif
Call ORegon 8-2555
WILSON H. BUCKNELL finds himself working for the Pioneer Electric Company as chief engineer, since that firm is the largest producer of synchronous generators, formerly produced by the O'Keefe & Merritt Company for the U. S. Armed Forces during the war. During most of his time he was chief electrical engineer with O'Keefe & Merritt. More than 35,000 power units were built at an approximate value of $25,000,000.

GLENN R. CARLEY transferred in August 1944 to the U. S. Naval Ordinance Test Station at Inyokern, California, from the Naval Air Experimental Station, Philadelphia. He reports: "We alumni take not a little pleasure and pride in having so vigorous an association, and I for one hope I can help strengthen the organization in future years. I thank you sincerely for the placement service you have extended to me from time to time during the past few years, and I am happy that I can forward my dues at this time for a Fully Paid Life Membership in the Association."

FRANK W. DAVIS is an engineer test pilot for Consolidated Vultee Aircraft Corporation. His service experience dated from graduation, as he was on active duty with the U. S. N. R. in 1936 and the regular U. S. Marine Corps from 1937 to 1940, and has since been on inactive duty with the U. S. Marine Reserve.

JOHN I. GATES, now doing petroleum research for the Shell Oil Company, was at C. J. T. during the war and is now doing engineering work in the Chemical Engineering Department.

CLARENCE F. GOODHEART is an ordnance engineer with the Naval Ordnance Test Station, Washington, D. C.

RAY A. JENSEN has returned to his own business in the chemical field after being discharged from the Navy as a lieutenant commander in the Chemical Engineering Corps.

ROBERT D. KENT was a TNT production supervisor during the war, and is now a chemical engineer for the Texas Company.

JOHN KLOCKESEM is an engineering designer for Douglas Aircraft. M. M. McMahan, a Southern California Gas Company employee, is a production control engineer in the Synthetic Rubber Division.

HUGO MEMEGHIL is very busy at the Naval Ordnance Test Station, Inyokern, as an ordnance engineer.

L. J. MILAN has been factory maintenance engineer for the Douglas Aircraft Company at Long Beach.

ROBERT M. NICHOLS was discharged this spring from the Army Air Force as a 1st lieutenant.

CHARLES A. MORSE is now with the Southern California Telephone Company in the Building Engineers' Office. Chuck spent five years in the Army, being discharged as a captain of Field Artillery Communications.

TENNESSEETOWNSEND, radio engineer with the Federal Telecommunications Laboratories, has been working on Government Development Contracts.

G. R. NANCE, now out of the Navy where he was a lieutenant commander, is sales engineer for the West Coast Division of the Fluor Corporation.

JACK PALLER is still in the Navy. Now a lieutenant commander in the Civil Engineering Corps, Jack is in the Bureau of Yards and Docks.

MAURICE SKLAR does oil exploration work for the Shell Oil Company in New Mexico.

WALLY SWANSON was transferred on July 1 from Las Vegas, Nevada to Ogden, Utah to be in charge of construction of a section of State Highway for Gibbons & Reed Company. The project includes a bridge over the Weber River and an overpass over the main line tracks of the Union Pacific Railroad. The construction contract calls for 27 workers for the Shell Development Company, has been with this firm since 1941. His war work included Toluene and 100 Octane line at Shell's Emeryville laboratories.

VICTOR VESEY was at the Institute of Technology, and Industrial Relations War Projects; is now a general manager of the General Tire and Rubber Company of Calif.

LARRY WILKIE, a physicist with Raymond N. Willmore Laboratories, New York, moved to Southern California with his wife and two year old son in July.

CHAUNCY W. WATT JR. is now employed as senior radio engineer with Harvey-Wells Electronics at Southbridge, Massachusetts.

REUBEN E. WOOD is teaching at George Washington University, Washington, D. C.

1937

HOYT AUSTIN who has been with the Mine Grande Oil Company in Venezuela, is spending a three-month leave in the States this summer.

R. S. CAMPBELL has returned to the Southern California Edison Company, his former employer, following his discharge from service.

LEVAN GRIFFIS, Ph.D., professor of mechanics at the Illinois Institute of Technology, and chairman of the Division of Solid Mechanics of the Armour Research Foundation, visited C. I. T. in July while in California on a business trip.

LIEUT. COMDR. JOHN CARY KINLEY, U.S.N.R., was married on June 22 to Miss Edith Helen Potter of Detroit, Michigan.

ERNEST MONCRIEF has been process engineer for the Fluor Corporation Ltd. in their Kansas City plant since the fall of 1944. Beginning work with the Fluor Corporation a few hours after receiving his B.S. degree in engineering, Moncrief first worked on the engineering staff of the cooling tower department. After two and a half years he was transferred to the process department and later became job engineer on the Lake Creek contract.

Since going to Kansas City Montie has married Miss Bernice Harvey, receptionist at the Kansas City plant. They have one son.

RICHARD RIDGWAY and TED FAHNRE are working with the Stone and Webster Engineering Company on their Frequency Change Project for the Southern California Edison Company.

1938

CARL FRIEND and his wife, Jane, announced the birth of a daughter, Nancy Claire, in July. Carl is employed at Northrop Aircraft.

EDWARD FRISUS has been in the hospital since February. His wife and two daughters are house-hunting in Pasadena.

EVAN JOHNSON also became a father. The May arrival was named Christina. Evan is employed by the Kellex Corporation in New York City.

JOHN G. MACLEAN, former student body president, is now teaching at the Harvard School of Business Administration.

WILLIAM B. VOSS is now on inactive status, after serving with the Army as a captain. He has recently returned from England where he was engaged in the disposal of ammunition.

1939

C. HOWARD CRAFT, now of the Menasco Manufacturing Company of Burbank, is a laboratory supervisor.

WILLIAM R. FRAMPTON JR., recently released from the Navy, is presently employed by the Shell Chemical Corporation at their Pittsburg, California plant.

KEATS A. PULLEN received a Doctorate in Engineering from Johns Hopkins University this June. He will be teaching in the Electrical Engineering Department of Pratt Institute, Brooklyn, New York, next fall in addition to consulting engineering work. Keats is now father of a son, Peter, born last November.

1940

KIYO TOMIYASU is taking graduate work in Communications Engineering at Harvard University.

VROMAN'S

Sy: 3-1171 Ry: 1-6669
Books & Stationery Office Equipment
469 E. Colorado St. 1271 E. Colorado St.

SMITH-EMERY COMPANY

Since 1910
Chemical and Physical Testing Laboratories
920 Santee Street Los Angeles 15, California


Distributors of Electrical Supplies and Appliances
"The Mark of Dependability"
Phone Hollywood 7221
6820 Romaine Street Hollywood 38

Pacific Manufacturing Co.

1918 East Colorado Street Pasadena 8, Calif.
Sycamore 6-8579
PATENT DEVELOPMENT SPECIAL INSTRUMENTATION
L. FAIBISH H. M. LIGHTBURN

ENGINEERING AND SCIENCE MONTHLY
WILLIAM DENISTON is working with the Stone and Webster Engineering Company on their Frequency Change Project for Southern California Edison Company.

LIEUT. COL. ALFRED V. GUILLOU is retired to civilian life after three years overseas in the European Theater as staff officer with the United States Strategic Air Forces. Al is married and has a four-year-old daughter. The Guillous are now living in Sacramento.

JOHN M. WILD, supervisor of aerodynamics for Northrop Aircraft, Inc., has been appointed associate professor in the Cornell Graduate School of Aeronautical Engineering. Professor Wild received his degree from Purdue in 1937. From 1937 to 1939 he was with Associated Electric Laboratories in Chicago, and in 1944-45 was a lecturer at the University of Southern California.

1941

KIRK ABBEY is a radio engineer with the Navy Electronics Laboratory, San Diego. During the war Kirk was a radar officer with the U.S.S. Hecate. He was discharged as a lieutenant U.S.N.R.

WAYNE GORDON ABRAHAM is taking graduate work at Stanford University. Formerly with the Sperry Gyroscope Company and the Naval Research Laboratory, he served as an ensign in the Naval Reserve.

LIEUTENANT (jg) ROY M. ACKER, is now on inactive status, spent 11 months at the Fleet Training Center, Pensacola, and in 1944-45 was a lecturer at the University of Southern California in the Division of Engineering.

1942

ALDIN W. AYERS is employed by the Filtrol Corporation, Los Angeles. ROGER BRANDT has started work at Harvard University leading to the Ph.D. degree in Philosophy.

JOHN A. DRAKE is employed by Northrop-Hendy Company at Hawthorne, California, as a member of a Preliminary Design Group. JOSEPH B. FRANZINI, now on terminal leave as a lieutenant (jg) U.S.N.R., will take graduate work in Civil Engineering at Stanford University. Joe was married in August to Miss Gloria Welliver Hooper at Kingston, Pennsylvania.

WARREN GILLETTE is now studying medicine at the George Washington University in Washington, D.C., and SID GOLD, after spending the past few years with the Bahrein Petroleum Company along the Persian Gulf, has returned to the States.
FRANK GIVEN is employed by Ben-
die Aviation, and recently married.
EDWARD GREENING is taking grad-
uate work in Geology at Harvard
University.

ROBERT F. HALL, former lieutenant
USNR, served on the Aircraft Carrier
U. S. S. Hancock. After being overseas
two years, he was married a year ago
to Martha Davies of Washing-
ton, D. C.

WENDEL H. HAPPERT and wife,
Madelyn announce the birth of their
first child, Lowell Wendell Harter, in
June. Wendell is employed as a stress
engineer at Northrop Aircraft, where he
has been since graduation.

AL LONDON is now on inactive re-
serve status as an Army captain. Al
was Depot Commander of general pur-
pose vehicle pools in the area of Kit-
zinger, Germany for the last 10 of his
26 months overseas.

HARRISON PRICE, who is with In-
gersoll-Rand, has just been transferred
to Lima, Peru.

GEORGE P. SUTTON has been work-
ing with North American Aviation, Inc.,
as an engineer. George is now tech-
ning head of a small group of engineers
working on certain special propulsion
problems.

CAROL M. VERONDA reports the
birth of a son, William Wayne Veron-
da, to his wife, June, in April. Carol
is working for Philips Laboratories, Inc.,
in New York.

ROBERT L. BENNETT was recently
 discharged from the Navy after two
and a half years’ service. Bob will be
married in September to Miss Bobby
Johnson of Whittier. They will live in
Claremont while Mrs. Duncan completes
her senior year at Pomona College.

1943

ROBERT L. BENNETT was recently
discharged from the Navy after two
and a half years’ service. Bob will be
married in September to Miss Bobby
Dehn of Oakland, following which the
Bennetts plan to move to Pasadena.

MITCHELL H. DAZEY has been
released from the service, and plans to
take fifth year work in Engineering at
Berkeley.

DAVID A. ELMER expected to be
separated from the Navy in the first of
August. His plans at that time included
a brief vacation in Seattle and a return
to his home in South Pasadena. He
will enter the Institute in October for
graduate work.

ED FLEISCHER is now on inactive
status as a lieutenant (jg). Ed’s ship,
the Destroyer Cascade, recently returned
from Japan.

LIEUTENANT BILL HALPENNY
was in the Pacific in connection with the
Atomic Bomb tests.

1944

E. M. ATCHISON is on terminal
leave as an ensign.

WHEELER J. NORTH is now sta-
tioned in Osaka, Japan as a 1st lieu-
tenant.

FREDERICK BEHRENS, lieutenant
(jg) is now on inactive duty status after
returning from Japan and Seapan on
the YMS 407, which was decommission-
ed in Seattle.

WILLIS A. BUSSARD is employed
by the Du Pont Company in Virginia.

FREDERICK B. ELY is working for
Technicolor Company in Hollywood.

R. B. ESCUE received a special Grant-
in-Aid this spring for the support of a
research project on "Stereoisomerism of
Synthetic and Natural Polymers" at
North Texas State College where he is
on the staff of the Department of Chem-
istry. Before going to North Texas State,
Dick was employed as a physicist for the
Neches Butane Products Company.

DONALD A. KEATING has become
associated with Turco Products as a pro-
cess engineer. Don is working in the
Company’s Chicago Office this summer,
and will return to Los Angeles in the
fall.

NEVILLE S. LONG will be a resident
associate, instructor, and graduate stu-
dent at the Institute, living in Fleming
House, starting with the fall term. This
summer he was an instructor in Sur-
veying and Descriptive Geometry at
UCLA.

LIEUTENANT (jg) WARREN
MARTIN was discharged from the
Navy in July. He planned to go to
New England via the Grand Canyon
and Yellowstone National Park.

THOMAS WILEY NORSWORTHY
received his discharge from the Naval
Reserve late in July.

RICHARD W. SEED is attending the
University of Washington Law School
in preparation for a career as a patent
attorney. Dick was discharged from the
Navy as a lieutenant (jg) in June.

DAVID R. SHEFCHIK is associated
with T. J. Shefchik, Architect, as an
assistant. Dave, formerly an assistant
engineering officer in Destroyers,
was discharged as an ensign in June.

PHILIP H. SMITH has recently
taken a position as a design engineer
with the Byron Jackson Company, Oil
Tool Division in Los Angeles.

JOE SOLOMON received his dis-
charge from the Navy early in July.

1945

MAX H. MOORE has received a po-
sition with the A. O. Smith Corpora-
tion in Los Angeles.

ENS. R. V. KNOX is an Airborne
Radar Officer with Air-
borne Early Warning Radar Detach-
ment NAAS at Ream Field, San Ysidro,
California. In the Fall of 1947, he plans to
return to Tech for graduate work.

EDWARD R. ELKO is employed by
the Johnson Foundry and Machine
Company.

DON C. TILLMAN will be married
in September, and plans to return to
the Institute to work for his Master's
degree.

BRUCE R. VERNIER is employed by
Consolidated Vultures.

LAWRENCE HALL has accepted a
position with Consolidated Engineering
in Pasadena, Calif.

RALPH WINTER will enter the
Theological Seminary at Princeton Uni-
versity this fall.

Discharged from the Naval Reserve
this summer were ROBERT B. BEN-
NETT, who plans to enroll for the fall
term at C. I. T. after spending two
months in Pomroy, Washington; EN-
SIGN E. W. BOLSTER, who was sta-
tioned at Puerto Rico for six months;
NORM REUEL and BOB MORIN, who
are working on propulsion problems at
North American Aircraft; and JOHN
M. SYLVE, who is now in Cheyenne,
Wyoming.

ROBERT D. MASON, who served
as an ensign on the carrier Shangri-La,
is now discharged and is living in San
Jose. He was married in July to the former Miss Roe Ekstrand.

GARLAND S. TAYLOR, who served as
a public works officer at Guam and
Okinawa, is now living in Pasadena.

RALPH S. WHITE, after seeing ser-
vice in the Atlantic on an LSN, is now
released from active duty and is work-
ing for Production Equipment Com-
pany of Los Angeles.

KENNETH STEVENSON, recently
discharged from the Naval Reserve,
had been employed by the General Electric
Company at Schenectady, New York.

DONALD BAKER DUNCAN was mar-
ried this summer to Elaine Johnson of Whittier. They will live in
Claremont while Mrs. Duncan completes
her senior year at Pomona College.

1946

Members of the class of 1946 already
finished with active duty are ensigns
GEORGE W. BARTON JR., who plans
to take further work in Chemistry; EL-
MORE BROLIN, who is planning to
work for the Standard Oil Company of
California in their Engineering Depart-
ment; BERTRAM W. DOWNS JR.,
who will take graduate work in Electric-
il Engineering at Purdue; ROBERT
FOOTE; HOWARD GREENFIELD;
HAROLD L. SARMENTO, who started
to work in July for Becktel Brothers and
McCone Company in Huntington
Park as a Survey Engineer; and TECK
WILSON, who was married last Feb-
ruary to Miss Elizabeth Morse of Pas-
daena.

GLYNN H. LOCKWOOD will be
employed by Byron Jackson in Los
Angeles.