CIVIL ENGINEERING

C. H. Springher, '17, is resident engineer on highway work at Duluth, Minn.

F. V. Bailey, '21, is located with the Bryan Steam Car Company, Peru, Ind.

C. E. Mauk, ex-'19, is to leave for California soon in the interest of the Ironton Iron Works.

Robert G. Glass, '06, is the assistant inspecting engineer of the Illinois Steel Company, located in Chicago.

F. Howard Brown, '21, asks that he be addressed in the future to room 302, Apollo Theater Building, in Peoria, Ill.

D. J. Brumley, '95, chief engineer of the Chicago terminal improvements, Illinois Central Railway, was elected one of the new directors of the American Railway Engineering Association at a recent convention in Chicago.

C. K. Harvey, '06, has recently been hydraulic engineer on design and construction of the United States Naval Ordnance Plant, at Charleston, W. Va. During that period he had charge of design, detail drawings, specification and supervision of approximately $2,000,000 worth of work, including water supply and distribution, sewerage and surface drainage, steam, gas and air piping, heating systems, roads, etc., for the plant to manufacture big guns and heavy armor. Mr. Harvey's work had just been completed when orders from Washington were received to close the plant. He has just returned to his home and may be addressed at 2112 Plainview Ave., Pittsburgh, Pa.

E. F. Clagett, '08, is manager of the Central Ohio Producing Division of the Pure Oil Company, located in the general offices of the company at Columbus.

Robert N. Waid, '09, at the close of the recent annual meeting of the Engineering Society, was chosen president for the coming year. The society has a membership of about three hundred civil engineers of the state and takes a leading part in outlining the policies and legislation in matters relative to engineering in Ohio. Mr. Waid has been employed in the State Highway department for the past eight years, being promoted to chief engineer of maintenance early in 1921.

Gerard A. Murray, '10, is with the Tennessee Coal, Iron and Railway Company. His home address is Route No. 1, Vineville Station, Birmingham, Ala.

Lee Frayer, '06, is a consulting and designing engineer, located in the Bank of Commerce Building, Columbus, Ohio.

S. Koehle, '20, is with the Jones-Laughlin Steel Company, Pittsburgh, Pa.

C. S. Van Dyke, '02, is superintendent of the Adirondack Power and Light Company at Schenectady, N. Y.

A. R. Trane, Ex., '17, is associated with the National Fireproofing Company, Iobart, Ind.

Carl F. Johnston, ex-'23, has gone to Berkely, California, to take a position with the California State Highway Commission.

L. G. Thomas, ex-'13, is construction engineer of the Cerro De Pasco Copper Corporation, Moro mocha, Peru, South America.

W. J. Harnish, '17, is on the construction of channel improvement work at Dayton, carried on by the Miami Conservancy District.

R. S. Fallon, '21, is associated with the firm that was recently awarded the contract for the construction of Mack Hall at O. S. U. Work has already begun on the new building.
Harold Elford, '17, is engineer for E. Elford, general contractor, which firm now has well under way additions to the Physics building and Brown Hall at the University.

E. L. Jones, '13, holds an important position as engineer in charge of the Shreveport, La., office of the Arkansas Natural Gas Company. He has 47 men in field and office parties.

M. K. Bowman, '09, was a recent caller on the campus. He is construction engineer for the Southern Power Company, with headquarters at Athens, Ohio.

S. B. Folk, '20, attended the recent joint meeting of the Ohio Academy of Science and Society for the Promotion Engineering Education, held April 15th last, on the campus. He is an instructor in Case School Applied Science.

F. E. Swineford, '15, is engaged in private practice in general surveying and engineering work at Akron, Ohio. He was a recent caller on the campus.

E. N. Brinnall, '13, is chief engineer for the Goodyear Heights Land Development Company at Akron.

E. D. Barstow, '22, who is county sanitary engineer for Summit County, has also opened an office for private practice at Akron.

R. F. McDowell, '09, has resigned his position as superintendent of Cuyahoga County and has taken charge of the Cleveland office of Morris Knowles, Incorporated.

Clyde T. Morris, '98, professor of structural engineering, chief engineer for the Ohio Stadium, is the author of an article in the Engineering News-Record of April 20, on thrusts in skew barrel arches, as measured on a laboratory model. The experiment was undertaken in order to obtain information which was used in the design of the concrete arch bridges at Broad, Town and Mound Streets, all of which are skewed. Tests are now being made on the arches at Town and Mound Streets, by the department of civil engineering, to compare the behavior of these arches under actual traffic with the results obtained on the model.

B. C. Gerwick, '06, is with the Healy Tilers Construction Company, San Francisco, Calif.

Roy B. Siler, '10, is a member of the firm of Siler & Beck, engineers and contractors at Mexia, Texas. He may be addressed at Box 355 in that city.

R. C. Miller, C. E. '02, has been promoted from the Chicago Terminal division of the Pennsylvania Lines to be Division Engineer in the Eastern Region at Harrisburg, Pa. In his new position he will have charge of a thousand miles or more of track. The main line at many places has from four to six tracks and on account of heavy traffic uses large quantities of 130 pound rail and other materials in proportion. Miller will have charge of 2500 employees.

C. L. Barnaby, C. E. '98, was promoted to Division Engineer of the Chicago Terminal division of the Penna Lines, vice R. C. Miller promoted.

In the same readjustment, John K. Sherman, C. E. '02, was promoted from division engineer of the G. R. & I. at Grand Rapids to be division engineer of the western end of the main line of the Pennsylvania between New York and Chicago with headquarters at Fort Wayne.

ELECTRICAL ENGINEERING

Stanley E. Gillespie, '10, who has been employed by the Westinghouse branch in Pittsburgh, was recently selected by a delegation from the Japanese Government as one of the engineers for the electrical equipment of the Japanese Railways. He has full charge of the work in Japan and after leaving there expects to go to China.

Carlton Clymer, ex-'12, is now connected with the National Supply Company of Mexico at Tampico.

Spencer S. Hunt, '21, is with the Western Electric Manufacturing Company at Pittsburgh, Pa.

Norman W. Storer, '11, general manager of the Westinghouse Electric and Manufacturing Company at Pittsburgh, Pa., recently addressed the St. Louis Railway Club at St. Louis, Mo. His speech dealt with the electrification of the present day railroads, the success of electricity on roads which have tried it, and predicted that in a relatively short space of time every railroad in the United States would be propelled by means of the electrical current.

A. L. Harrington, '05, sends in his address as care of the Frick Building in Pittsburgh, Pa.

Alfred T. Holl, '06, is the manager of the Pittsburgh office of the Columbus Heating and Ventilating Company in Pittsburgh, Pa.

Harry Dow Cranson, '07, is an electrical engineer, located at Manila, P. I. He may be addressed in that city, No. 6 Escotta.

Austin M. Ojeda, '10, arrived February 2, from Buenos Aires, South America. He went directly to New Orleans, where he has been appointed consul of the Argentine Republic.

Robert M. Moody, '12, is with the Western Electric Company at 463 West Street in New York City.

E. L. Erwin, '20, writes that he has been made district traffic superintendent of the Zanesville division of the Ohio Bell Telephone Company, and that he may be addressed at 1624 Maple Street, in that city.

P. D. Breeze, '21, is with the Western Union Telegraph Company at Cincinnati, Ohio.

E. E. Kimberly, '21, is located at 2931 Garden Street, Fort Wayne, Ind.

H. S. Scott, '21, may be addressed at 668 First Avenue, North, at St. Petersburg, Fla.

A. A. Lott, '21, may be addressed at King Mills, Ohio.

V. F. Headapohl, '21, is with the Ohio Bell Telephone Company at Cleveland, Ohio.

E. H. Lumbarger, '21, is connected with the general engineering department of the Westinghouse Electric and Manufacturing Company at East Pittsburgh.

C. E. Skinner, '30, has been appointed assistant director of engineering of the Westinghouse Electric and Manufacturing Company. His headquarters are at Pittsburgh, Pa. Representing the American Institute of Electrical Engineers, Mr. Skinner has been elected by the engineering standards committee as a member of its executive committee.

R. D. DeWolf, '01, is located with the Rochester Gas and Electric Corporation at Rochester, N. Y.

F. R. Shamel, '14, may be addressed in care of the Cleveland Illuminating Company, at Cleveland, Ohio.
Ralph A. Metzer, '14, who formerly lived at 506 Oxford Avenue, in Dayton, Ohio, has changed his address in that city to 537 Fountain Avenue.

L. R. Yenger, '14, is chief of sales engineering of the Morrow Manufacturing Company, at Wellston, Ohio, which is manufacturing equipment for the handling and preparation of coal.

C. K. Swigart, '13, is located at Newton Falls, Ohio.

E. P. Grasser, '16, is located with the National Lamp Works, Cleveland, Ohio.

Ward Kindy, '16, may be addressed at Leland Standford, Jr., University at Palo Alto, Calif.

Cyril P. Deibel, '16, has moved from Superior Avenue in Cleveland to 11400 Madison Avenue of that city.

G. W. Banghman, '19, is with the Western Electric Company, New York City.

R. C. Moore, '20, is connected with the National Lamp Works at Syracuse, New York. His home address there is 1914 South State Street.

James M. Montgomery, '20, has changed his address to 1532 North Wilton Road, in Los Angeles, Calif.

Water N. Engler, '20, is with the Western Union Telephone Company, 195 Broadway, in New York City. His address, however, is 801 Castle Point Terrace, Hoboken, N. J., care of Gamma of Theta Xi.

R. H. Frankenberg, '21, advertising manager of The Engineer in '20, is with the Norton, Bird and Whitman Company, Cincinnati, Ohio.

W. M. Holmes, '17, is now located at 459 East Seventeenth Street, Cleveland, Ohio.

R. C. Schott, '15, is with the Alabama Power Company, Birmingham, Alabama.

E. B. Loyd, '17, who has been with the Automatic Electric Company of Chicago, is now in Buenos Aires, South America, where he is connected with the installation of the Automatic Telephone Company in that city.

H. G. Crawford, '10, now lives at 2277 Jefferson Avenue, Norwood, Ohio.

Wayne Rittenhouse, '21, was married Saturday, April 29, to Miss Gladys Daffenbaugh.

Glen E. Park, '19, has been promoted to district illuminating engineer for the National Lamp Works. His headquarters are at Baltimore, Md., where he may be addressed at 307 North Calvert Street.

MECHANICAL ENGINEERING

Charles E. Skinner, '90, was featured in the month of January in the national advertisement of the Westinghouse Electric Company. Speaking of Mr. Skinner's work with the company the article reads: "For over forty years Mr. Skinner has been delving into the ways and wherefores of the insulation problem, from extreme theoretical studies to the most practical applications. His work began at the time when there were no theories worth while to consider and where there were no methods worth while to work with. Foremost among the few who have developed the insulation problem to a leading position in the art is Mr. Skinner, now head of the research department of the Westinghouse Electric Company. It may be said truly that the high position of the Westinghouse Company is due, to a large extent, to the far-reaching accomplishments of its insulation engineers, of whom Mr. Skinner is a leading exponent."

Walter (Rink) Barrington, '09, is now located with the Consolidation Coal Company at 67 Wall Street, in New York City.

Harry B. Craft, '15, is with the General Fireproofing Company at Youngstown, Ohio.

F. L. Schweitzer, '20, is located at 328 North Prospect Street, in Ravenna, Ohio.

Halbert E. Payne, '87, writes that his new address is 2700 Connecticut Avenue, in Washington, D. C.

Percy F. Todd, '06, has changed his address and now has his mail sent to 82 Union Street in Pontiac, Mich.

J. E. Lewis, '08, is superintendent of the Yorba Linda Water Company at Yorba Linda, Calif.

W. L. Stevenson, '08, is living at 755 McDowell Street, in Phoenix, Ariz.

C. L. Newby, '14, is an engineer in the Industrial Bearings Division of the Hyatt Roller Bearing Company, Chicago, Ill. His home address in that city is 4223 North Richmond Street.

Oswald B. Atwell, '15, according to the postmaster at Gary, Ind., has moved from that city and is now living at Chillicothe, Ohio, where he may be addressed at box 36.

Ray L. Clapper, '18, is now with the Grimsom-Russell Company of Massillon, Ohio, manufacturers of heaters, fillers, strippers and other specialties. He may be addressed at South Erie Street extension in that city.

Frank R. Middaugh, '21, has changed his address, Dennison Avenue, Columbus, and gives the new one as 129 Hubbard Avenue, in the same city.

Mr. B. W. Dennis, M. E., '08, since he resigned his position with Stone & Webster, Inc., Boston, as mechanical engineer on construction of the Lowell, Massachusetts, Electric Company's power plant, has been instructor in charge of Mechanical Laboratory at Harvard University, and has been doing some teaching of evening classes under the State University Extension Department.

Herbert W. Lenibauch, '11, is with the W. & L. E. Railroad at Brewster, Ohio.

I. H. Polhman, '11, may be addressed at 9502 Columbia Avenue, in Cleveland, Ohio.

Mr. V. J. Hultquist, M. E. '07, who has, during the past four or five years, been in general charge of many million dollars worth of construction work, and who is present City Manager of Alcoa, Tenn., writes Dean Hitchcock that he has need of a number of trained teachers, a high school teacher and school superintendent.

It seems rather strange for a graduate of mechanical engineering to occupy a position covering so broad a field of endeavor, but illustrates well the adaptability of men having engineering training.

CHEMICAL ENGINEERING

Ernest H. Grant, '10, is a research chemist located with the William S. Merrial Company at Cincinnati, Ohio.

Donald M. Worley, '21, is located with Park Davis and Company at Detroit, Michigan. His home address in that city is 1471 Hubbard Avenue.

Joseph H. Jackson, '17, is the assistant superintendent of the Carbon Limestone Company at Hillsvale, Pa.

A. C. Northstine, '08, has changed his home address to 946 Shepherd Street, N. W., in Washington, D. C.

Charles N. Ward, '19, who has been with the National Carbon Company at Clarksburg, W. Va., is now employed as chemical engineer for the Ohio Salt Company, at Rittman, Ohio.

(Continued on Page 25)
Fred Ford and Donald M. Worley, '21, may be addressed at 3119 Jefferson East, Detroit, Michigan.

F. C. Smith, '13, is chief chemist with the Harshaw, Fuller & Goodwin Company at Elyria.

Louis L. Troateel, '18, is associated with the Bureau of Chemistry at Washington in the dust prevention office, where he is in charge of the chemical engineering investigation of the problem.

Dr. Paul M. Giesy, who was formerly with the Calco Chemical Company, Brunsbrook, N. J., was a recent visitor on the campus.

C. Teichert, '21, a recent visitor on the campus, is connected with the Mead Pulp and Paper Company of Chillicothe, Ohio.

Charles "Chic" Roehm, '20, former varsity tennis player, is located at East Liverpool, Ohio, with the Laughlin China Clay Company.

E. R. Portz, '21, is teaching in the High School at Barberton, Ohio.

Russel Hamilton, '20, and E. Koegle, '20, are employed by the Jones and Laughlin Steel Company, at Woodlawn, Pa. Hamilton has been doing special work in the blast furnace department of the plant
ALUMNI NEWS
(Continued from Page 25)

while Koegle has been connected with the tin plate department.

C. J. Hasler, '21, is teaching machine design in Glenville High School, Cleveland.

Paul Hufford, ex-'21, and H. W. Rabeque, '21, are now with the State Board of Health.

William Lotze, '21, is employed by the Ohio Inspection Bureau, with headquarters in Columbus.

N. J. Humason, '21, has recently been appointed chief chemist of the Municipal Water Works at Bucyrus, Ohio.

John W. Horne, '19, is filling the position of metallurgical chemist with the Timkin Roller Bearing Company of Canton.

Paul Cottringer, '14, is with the Dow Chemical Company and may be addressed 608 West Larkin Street, in Midland, Mich.

ARCHITECTURAL ENGINEERING

Florence Hite Lineberger, '04, has left Long Beach, Calif., and gives her present address as House Office Building, Washington, D. C.

William Mullay, '16, is connected with the Overland Monthly, founded by Bret Harte, at Los Angeles, Calif.

Clifford Tryens, '17, is a draughtsman in the Stadium office. Mr. Tryens has recently been married.

Red Harrison, '18, is superintendent job work for the Inschol Company.

Leo Smith, formerly with the McLaughlin Company, Lima, Ohio, has opened an office in Marion. Mr. Smith's home is in that city.

Oliver Ritzer, ex-'16, is specification writer and estimator for State Architect Harsh.

Herman Albrecht, '08, and a partner, Mr. Kelley, have opened an office in Cleveland.

J. H. Vogel, '12, is in Hong Kong doing architectural work for the Methodist Missionary Society.

Hugh J. Baker, '05, has established the Hugh J. Baker Company in Indianapolis. This architectural firm deals in building materials, designs and does construction work. Their specialty is re-enforced concrete construction.

George E. Bulford, '21, of Richards, McCarty & Bulford has been elected president of the Columbus Architectural Club, which was recently organized.

Harry Reichard, '13, and John F. Kennedy, '21, were chosen secretary and treasurer.

Clarence D. Bodgely, ex-'23, attended school last semester and will return next fall term to complete his course. He is at present with the Concrete Steel Construction Company of Springfield, Ohio, and resides at 730 Stanton Avenue, in that city.

CERAMIC ENGINEERING

F. K. Pence, '09, who was elected president of the American Ceramic Society, presided at the annual convention which was held at St. Louis, February 27th, to March 3rd. Mr. Pence is now ceramic engineer for the Knowles, Taylor & Knowles Company at East Liverpool, Ohio.

Abel S. Rea, '09, is engineer of test with the state highway department at Columbus. His home address in that city is 88 East Lane Avenue.
K. I. Fulton, '14, has left Portland Ind., and may be addressed care of Sam Briston, 415 West Louella Street, Whittier, Calif.

George H. Duncombe, '15, lives at 1540 Tamm Ave., in St. Louis, Mo. He is with the Evans & Woward Fire Brick Company at 5200 Manchester Avenue, in that city.

H. W. Doud, '17, who has been connected with the Bureau of Mines in Lord Hall, has taken a position as ceramist with the National Fireproofing Company at East Palestine.

R. V. Gilmore is employed by the Georgia Southern Railroad Company and at present is located at the Bureau of Mines in Columbus, working on research in Georgia Kaolins and clays.

H. W. Dunda, '17, who was formerly with the Bureau of Mines as ceramist, is now employed by the National Fireproofing Company at East Palestine, Ohio.

Ronald Trace has been transferred from the Hobart, Indiana, plant of the National Fireproofing Company, to their plant at East Palestine, Ohio.

MINING ENGINEERING

Chee Ho, '20, is assistant mining engineer for the Tennessee Copper Company at Ducktown, Tenn.

Robert R. Morris, '01, is with the Gauley Mountain Coal Company at Ansted, W. Va.

Paul F. Theobold, '08, has changed his address from Gypsum, Ohio, to Fort Dodge, Iowa, where he is the works manager of the United States Gypsum Company.

Willis J. Root, '85, is general superintendent of the Carnegie Steel Company and lives at 1599 South High Street, Columbus.

W. L. Peters, '85, is a horticulturist and resides at 908 Tenth Street, Riverside, Calif.

R. Kelley Van Dyne is with the Pure Oil Company and may be reached at Box 194, Ardmore, Oklahoma.

Paul S. Kline, E. M. '09, was on the campus last month. Mr. Kline is now superintendent of the Mechanicsburg Gravel Company at Mechanicsburg, Ohio.

D. R. Dunsfield, E. M. '11, is now superintendent of the Buffalo Thacker Coal Company of West Virginia.

Ralph Lawrence, E. M. '17, visited the campus a short time ago and states that he is now teaching school until the steel business reopens.