

# NEWS-LETTER

UNIVERSITY OF ILLINOIS

Department of Mining and Metallurgical Engineering Alumni

Vol. 1, No. 2

Spring, 1949

## NEW RESEARCH PROGRAM PLANNED

A new program of research and instruction in Physics of the Solid State is being initiated on the U. of I. campus. The departments of Mining and Metallurgical Engineering and Physics will cooperate in the program. Two appointments for the program have already been made. Dr. F. Seitz, now Head of the Department of Physics, Carnegie Institute of Technology, has been appointed Prof. of Physics at the U. of I. and will head up the program for the Dept. of Physics. Dr. Robert Maurer, also of Carnegie Tech., has been appointed Associate Professor of Physics. Negotiations are under way for the appointment of two more men, as well as half-time assistants.

No definite appointments have as yet been made in the Department of Mining and Metallurgical Engineering. Two outstanding men in the field of physical metallurgy are under consideration and an announcement may be made in the

near future. The program in physical metallurgy will include a professor, associate professor, assistant professor, and two research assistants. The group will be most active in research and it is also planned that a number of graduate students in metallurgy will do their research theses in the division.

The program will include physics of metals and non-metals, physical metallurgy, and cryogenics. Laboratory and office space is to be provided in the old power plant building as soon as Mechanical Engineering has moved into their new building at the corner of Green street and Mathews avenue. The total floor space will aggregate 15,000 square feet. The program is expected to be initiated in September, 1949, but permanent quarters will not be available for another year. Prof. T. A. Murrell, assistant professor in EE, is already at work on semi-conductors.

## Ellis Awarded AIME Prize

You may remember that in our Fall issue we congratulated W. E. Ellis, '47, for being awarded first prize in the graduate division of the Chicago section AIME student technical paper competition. Ellis' paper was entitled "Segregation and Cracking in Welding Low Carbon Structural Steel," and was based on his thesis submitted for his master's degree obtained from the University in June, 1948. Upon receiving the Chicago award, Gene's paper was forwarded to be judged for the national AIME award in competition with papers from all over the country. Word was received here recently informing us that Gene's paper was awarded first prize. The award was made at the recent annual AIME meeting in San Francisco. Ellis' present employer, Timken Roller Bearing Co., made it possible for him to attend the meeting and receive the award in person.

In addition to the honor and recognition connected with the award, Gene received the prize award of \$100, and will have his paper published by the AIME.

## Machine Shop Expanded

Greatly increased activity both in instruction and in research during the past few years has necessitated increases in the capacity of the machine shop. The shop itself has been about doubled in size by removing the wall between the old shop and the ore dressing grinding room immediately south of it. Several new machines have been added, including a lathe, drill press, automatic cut-off machine, etc.

The personnel of the shop also has been expanded. Most of you remember Harold Kruse, senior mechanic, and he now has the full-time assistance of Frank O'Conner and Wayne Craig. Both Frank and Wayne are from Champaign-Urbana: Frank has been on the staff since Sept. 1947, while Wayne has only recently been added to the staff. These three are kept busy constantly now, and we all wonder how Harold ever managed the quantity and quality of his work when he had no help in the shop.

## Prof. Walker Called To Springfield

Prof. H. L. Walker has been spending four days a week in Springfield as Director of Mines and Minerals in the State Department of Mines and Minerals. Walker was appointed interim director following the death of J. W. Starks on Feb. 3. Walker had been serving as consultant and advisor to newly elected Gov. Stevenson.

There have been six Directors of the Dept. of Mines and Minerals since the Centralia mine explosion in March, 1947. Walker served as director from April to October, 1947, before a suitable replacement was found. Two of the past directors have died and two have been politically axed. Johnny, now serving for the second time, states that his health remains good and expects to be permanently back on campus before May 1; but "the job is repulsive, nauseating, and cathartic, politics and union activities being what they are these days."

## Prof. Bruckner Will Publish Welding Text

Professor Bruckner is engaged in writing a book on "The Metallurgy of Welding" and reports near completion of the text material except for the illustrations. The book represents comprehensive coverage of the welding field, and includes principles of all known welding methods. Metallurgical changes in the base metal as a consequence of the heat effects in welding are detailed throughout the book for the main classifications of ferrous and non-ferrous metals and the sub-classifications familiar to the metallurgical engineer. Besides strictly welding topics, the book touches on brazing, flame hardening, flame cutting, metal spraying, and hard facing, since these are operations requiring localized application of heat.

## Faculty Sketches

It has come to our attention that many graduates of the department are of such vintage that the personnel of the departmental staff has been considerably altered since their undergraduate days. The following tabulation of staff members and their tenures shows that a lack of familiarity with the present staff doesn't necessarily indicate an aged and gray-haired alumnus. The staff now includes the following (with the year in which they started in the department):

Asst. Prof. Walter H. Bruckner (1937).

Prof. Harold L. Walker (1938).

Assoc. Prof. Earl J. Eckel (1939).

Asst. Prof. Bernard G. Ricketts (1939).

Asst. Prof. Arthur C. Forsyth (1941).

Prof. William R. Chedsey (1946).

Asst. Prof. George B. Clark (1946).

Instr. Robert W. Bohl (1946).

Asst. Prof. Harry Czyzewski (1947).

Instr. Jim Bechtold (1948).

In addition to these full time staff members, there are four half-time Special Research Assistants engaged in various research projects.

In view of this, we believe many alumni will be interested in short biographic sketches of the faculty. In the next several issues, we hope to introduce the department staff members to those of the alumni who may not know some of our present staff. In the first of this series below is Professor of Mining Engineering William R. Chedsey.

**Professor William R. Chedsey**

The department was extremely fortunate in 1946 to add Dr. W. R. Chedsey to the staff as Prof. of Mining Engineering. At that time, Prof. Stewart of the Department had left the University to become head of the Mining Engineering Department at the University of Alabama, so it was particularly opportune that a man of Prof. Chedsey's stature was available.

Prof. Chedsey has been very well known in engineering and education circles for many years. He hails from Boulder, Colorado, and received his undergraduate education at Colorado School of Mines, obtaining his E.M. in 1908, and received his D.Eng. degree in 1938. His experience has been quite widespread. He has had teaching experience at Colorado School of

## BITS ABOUT 'EM

Having over 25 years' experience in various mining operations in Africa and Peru as well as in this country, Russell Merz, Min. '22, is now employed by the Cerro de Pasco Copper Corp. as manager of operations at La Oroya, Peru, and reports he and his family including 3 sons (16, 13, and 8 years) well and happy.

Back in the Midwest since October 1948, Robert Mahr, Met. '39, has taken a position with the Central Eng. Div. of Chrysler, Highland Park, Michigan, as metallurgist in the Power Metals Lab.

Bartlett R. Price, Met., '39, and his new wife dropped in on Prof. Walker following a vacation skiing at Aspen, Colorado, and a thorough reviewing of the ills of the world ensued. Bart is now Supt. of Forging and Metal Salvage at Westinghouse, E. Pittsburgh.

Mines, Univ. of Idaho, Pennsylvania State College, where he was Professor of Mining for twenty years from 1917 to 1937, and was Director of the Missouri School of Mines and Metallurgy and the State Mining Experimentation Station from 1937 until 1941.

Mine surveying and development are of special interest to Dr. Chedsey, as is indicated by his past associations with the Central Am. Development Syndicate, Ltd., and the Alaska Exploration Co.

Immediately before coming to Illinois, Dr. Chedsey served as state chief of training, Ohio War Manpower Commission, and research consultant on fuels, Ohio State Univ. Engring. Experiment Station. He has also served in a consulting capacity to various agencies, including the U. S. Navy. His particular interests are research in coal and gas utilization. Dr. Chedsey also has the distinction of helping to initiate the first use of carbide lights underground in 1906 in Idaho.

Dr. Chedsey holds membership in many professional, technical, and honorary societies: AIME, Mining and Met. Soc. of Am., Coal Min. Inst. of Am. (pres. 1937), Engineers Council for Professional Development, Am Mining Congress, Soc. for Promotion of Engring. Edn., Tau Beta Pi, Phi Kappa Phi, Sigma Gamma Epsilon, Alpha Phi Omega, Triangle, and Kappa Sigma.

Since his discharge from the army in Sept. 1945, John Skinner, Met. '39, has been working for the New Jersey Zinc Co., Franklin, N. J., and is now Asst. Mine Foreman. John was married in Sept. 1947, and started his family with a daughter, born in August, 1948.

Gustavus S. Simpson, Met. '43, U. S. Air Force, Wright Field, recently returned from an interesting business trip that took him to England, France, Denmark, Germany, and Sweden. He was married in 1944, and has one son, 2 years old.

Roland P. Carreker, Met. '45, M.S. '48, was married July 31, 1948, to Miss Miriam Johnson of Schenectady. Roland is employed as a research metallurgist at the G. E. Research Lab., Schenectady. You've probably noticed some papers that Roland has co-authored in the recent AIME publications.

Houston H. Meyer, Met. '47, was promoted to Head Plant Metallurgist last Sept. of the Monarch Steel Co. of Indianapolis.

Another alum to visit the dept. recently was Allen Hollett, Min. '46, who is Mineral Eng. with the Cleveland-Cliffs Iron Co. at Hibbing, Minn. Al is employed at the research laboratories at Taconite, Minn., carrying out tests on the beneficiation of the vast taconite iron deposits there.

Stricken with polio last December, Sam Leber, Met. '47, M.S. '49, is still undergoing treatment at St. Francis Hospital, Peoria. Sam's many friends will be glad to know that his recovery is as rapid as can be expected from this disease, and all hope to see Sam back to normal as soon as possible.

Margaret Ellen (O'Donnell) Moran, who was the first woman graduate of the dept. when she received her B.S. in 1948, was married to John Moran, a law student, in Aug. 1948. During the school year of 1948-49 she has been working in the dept. on the Naval Research Projects under the direction of Prof. Bruckner. She recently retired from her departmental duties, with the eminent prospect of becoming the first of our alumni to be a mother.

# ALUMNI DIRECTORY

The response to the personnel questionnaire included in last fall's News-Letter was something less than overwhelming, but still quite gratifying considering the geographic distribution of alumni and the fact that contact with many of you has been lost since graduation. In view of the response, we feel that our records are not complete enough to warrant publication of a form directory at this date. In the near future we hope our records will be complete enough to

permit an accurate alumni directory.

News-Letters sent to alumni ----- 362  
Personnel cards received 176  
News-Letters returned,  
address unknown ----- 26

In order to stimulate response from men from whom we have heard nothing, we are listing those names below. Those names marked with an asterick are those for whom our address is obviously incorrect, as the News-Letter sent

to that address was returned. The others listed may have received their copy, but have not informed us as to whether the address we have on our records is correct.

The purpose of the present listing is to obtain confirmation and/or correction of the addresses we have at present. If you recognize any names on the list, and know of their present address we would greatly appreciate information of these changes by a card sent to the department office.

## Metallurgy

- Anderson, Arthur Edwin '42, 602 Valley street, Peoria, Ill.  
Aral, Macit M., '44, Celik Febrikasi Kirikale, Turkey.  
Baldwin, Allen John, '41, 622½ Ferry street, Lafayette, Ind.  
Bayer, Robert O., '44, 2201 Franklin, Wilmington, Del.  
Bevan, John E., '40, 31 East 10th street, Danville, Ill.  
Bez, John Alfred, '42, Home—112 East White, Champaign, Ill.  
Brannick, Thomas Leonard, '44, 717 South Ashland, Chicago, Ill.  
Brooks, LeRoy O., '39, 218 East Damon street, Flint, Mich.  
Brookhart, C. E., '41, 4020 Dickens, Chicago 39, Ill.  
Butler, Paul L., '40, Battelle Memorial Institute, Columbus, Ohio.  
\*Bushee, Charles D., '39, 907 Mapleton, Oak Park, Ill.  
Caldwell, Jack Spaulding, '43, 1533 North Parke Ave., Chicago.  
Carlson, Clare B., '37, 444 Union street, Marsailles, Ill.  
Carmody, Thos., '41, 2603 West Lamont avenue, Chicago 39, Ill.  
Cathcart, Frank Montgomery Jr., '46, 1566 Logan Street, Denver.  
Chao, Charles F., '44.  
Chinlund, Joseph Ferdinand, '42, 1323 Eddy street, Chicago, Ill.  
Cunningham, John E., '44, 101 Tilden road, Oak Ridge, Tenn.  
\*Daly, John Joseph Jr., '41, 537 South Cuyler, Oak Park, Ill.  
Dellinger, G. R., '40, 2013 Cherry street, Columbus, Ind.  
DiVito, Joseph Francis, '43, 1030 South Hoyne avenue, Chicago.  
Erguven, Ali, '44, 605 East Daniel, Champaign, Ill.  
Forst, Ralph William, '43, 1305 Lathrop Ave., River Forest, Ill.  
Francis, Alfred, '42, 8112 Evans avenue, Chicago, Ill.  
Fry, Harold, '44, 7004 Paxton, Chicago 49, Ill.  
\*Furkert, Paul Albert, '41, 400 West Deming, Chicago, Ill.  
\*Gilson, Russell Robert, '41, 100 West 5th street, Oxnard, Calif.  
\*Gougler, Frank Alfred Jr., '47, 1507 Park Lane, Pasadena, Tex.  
Grover, Robert E., '37, 661 South Olden avenue, Trenton, N. J.  
Hafner, R. H., '40, 175 North Linden road, Mansfield, Ohio.  
Hailey, James Donald, '43, 2026 Cornell road, Cleveland 6, Ohio.  
\*Hailey, R. W., '41, 611 Central YMCA, 2200 Prospect Ave., Cleveland.  
Hallowell, Dan, '47, Box No. 3, Farmer City, Ill.  
\*Hanson, John Richard, '41, 403 N. Horn St., W. Frankfort, Ill.  
Heckman, George Remington, '41, 47 Orchard, Pittsfield, Mass.  
Hino, Jun, '41.  
Hogue, Robert S., '40, 2012 Chesterland, Cleveland, Ohio.  
Holgerson, Harry Theodore, '44, 645 N. Laramie Ave., Chicago.  
Ingels, Glenn R., '40, 6233 Navigation boulevard, Houston 11, Tex.  
Kovac, Lewis R., '39, RFD 2, Box 103, Royal Oak, Mich.  
Kuderko, Max John, '44, 814 14th street, North Chicago, Ill.  
\*Kurtay, Hilmi Kadri, '46, 407 South Prospect, Champaign, Ill.  
Lane, Joseph Robert, '43, Massachusetts Institute of Technology, Dept. of Metallurgy, Cambridge.  
Lauck, Emery Culver, '41, 2314 W. Connecticut, Royal Oak, Mich.  
Leake, Raymond D., '39, 401 Crawford avenue, Dixon, Ill.  
Levy, Edward M., '46, 3458 North Janssen, Chicago 13, Ill.  
Likens, William H., '44.  
London, Kenneth O., '39, 1246 Pratt boulevard, Chicago 26, Ill.  
Lorentz, Roy E. Jr., '39, 4604 Colonial drive, Chattanooga, Tenn.  
Louvier, Jean Gerard, '47, 215 East Drive, East Alton, Ill.  
McGaughey, Raymond L., '48, 1191 Logan, Elgin, Ill.  
McGinnis, William Louis, '41, 1624 Hickman road, Des Moines, Iowa.  
\*Martin, S. S., '41, 4817 North Springfield avenue, Chicago, Ill.  
\*Matter, Robert Curtis, '43, 230 West 9th street, Anderson, Ill.  
Haurer, Harman J., '43.  
Mayfield, Ross M., '42, 2307 North Monroe street, Wilmington, Del.  
Mendenhall, John Howard, '42, 5545 Giddings street, Chicago 30.  
Mullane, John Cornelius, '41, 6220 Greenwood avenue, Chicago 37.  
Munson, Otto G., '44, Prophets-town, Ill.  
Murphy, Maurice Edward, '41, 702 North Coler street, Urbana, Ill.  
Nevitt, Michael V., '44, 615 East 12th street, Alton, Ill.  
\*Nolan, Fred W., '40, 5107 West Washington, Chicago 44, Ill.  
\*Olivieri, John, '40, 509 North Church, Rockford, Ill.  
Randall, Howard Mansfield Jr., '47.  
Reynolds, Richard William, '41, 640 East 89th Place, Chicago.  
Richmond, Robert, '37, American Steel and Wire Co., Waukegan.  
Riddell, Frederick Louis, '43, 1835 South Grove, Berwyn, Ill.  
Roach, Donald Brian, '42, Batelle Inst., Columbus, Ohio.  
Roston, Phillip, '43 (Rothblatt, Phillip).  
Round, Oliver H., '32, 408th Ord. (MM) Co., Corozal, Canal Zone.  
Senew, M. W., '39, 804 North Central Park, Chicago, Ill.  
Siemienas, Joseph Benjamin, '44, 717 East 89th Place, Chicago, Ill.  
\*Simmons, W. H., '40, 1095 S. Evergreen, Kankakee, Ill.  
Smith, H. O. Jr., '39, 7949 Dobson, Chicago, Ill.  
Sorrentino, Francis Clyde Jr., '47, RFD 2, Woodstock, Ill.  
Stevens, Roger Viever, '44, 6447 Eggleston avenue, Chicago 21.  
Sullivan, James D., '44.  
Ubben, James E., '41, 7626 Denton way, Dallas, Tex.  
Weitzel, J. S., '40, Plainsfield, Ill.  
Wishart, Walter William, '46, 1329 Altgeld, South Bend 14, Ind.

## MINING

- Allen, Ernest V., '16, 433 Ellsworth street, Gary, Ind.
- Allison, Everett H. '22, 145 East Washington, Lombard, Ill.
- Anderson, Walter W., '30, 2436 Prairie avenue, Evanston, Ill.
- Baniqued, Juan F., '40, Lamitan, Basilan Zamboanga, P.I.
- Banno, T., '24, c-o Mitusi Kawakami Coal Mines, Kawakami-Tangan Karafuto, Japan.
- \*Becker, Morris L., '13, 2464 La-Belle avenue, Detroit, Mich.
- Bell, Leo R., '14, Cassilla 331, La Paz, Bolivia, S.A.
- Berg, Henry, '32, 5255 Beenice avenue, Chicago, Ill.
- Blair, James A., '25, 440 Avon Drive, Pittsburgh, Pa.
- Borror, Charles D., '26, Mine Supt., Canadian Johns Manville, Ltd., Asbestos, Quebec, Canada.
- Butters, Howard E., '25, 7471 Overbrook drive, St. Louis 21.
- Carpenter, Erasmus, F., '23, Epping, N.D.
- \*Chu, L. L., '??, Box 8, Morgantown, W.Va.
- Cohlmeier, Stanley Hugh, '41, Box 13, Hazel Green, Wis.
- Cooney, Edwin W., '28, Sullivan Machinery Co., Claremont, N.H.
- Cothern, Leland I., '22, Head, Dept. Mining Eng., Va. Poly. Inst., Box 836, Blacksburg, Va.
- Dodge, Charles H., '24, Engineer-in-Charge, U.S. Bureau of Mines, Jellico, Tenn.
- Dencer, Frederick A., '22, 3457 Custer street, Cincinnati, Ohio.
- Eckart, Harold C., '22, Box 208, Saranac Lake, N.Y.
- Evans, John Edward, '47, 214 West Lincoln, Harrisburg, Ill.
- Fagerburg, Rudolph E., '23, 109 Lincoln, Riverside, Ill.
- Fitzpatrick, James C., '20, 1023 Catalpa, Chicago 40, Ill.
- Fleming, Russell C., '25, Editor, Mining Congress Journal, 309 Munsey Bldg., Washington, D.C.
- Fraser, Thomas, '17, 1712 New Hampshire, Washington, D.C.
- Gossard, Amzi, '37, Union Colliery, 12 South Line St., DuQuoin, Ill.
- Grabel, Edward F., '33, Safety Engineer, U.S. Engineer Area Office, Peoria, Ill.
- Griftner, J. H., '15, 106 South Neil street, Champaign, Ill.
- Hallbauer, E. L., '21, 425 West Belden avenue, Chicago '14, Ill.
- Hamilton, Charles A., '41, Climax Molybdenum Co., Climax, Colo.
- Hanson, Sylvester A., '40, Box 432, Ray, Ariz.
- Hazen, Leland G., '34, 308 North Main, Pinckneyville, Ill.
- Heinrichs, R. M., '22, 328 South Eddy street, South Bend, Ind.
- \*Hemphill, John S., '26, F. Snare Corp., Box 2051, Ancon, C. Z.
- Housman, J. S., '14, 449 North Main, Canton, Ill.
- Hsieh, Surgeon, '24.
- Hubbart, Curtis C., '15, Superior Coal Co., Gillespie, Ill.
- Huber, Louis W., '20, P.O. Drawer 120, Lexington, Ky.
- Hsu, Dr. P. C., '28, Nat'l. Reconstruction Commission, Nanking, China.
- Jackson, W. H., '23, State Highway Division, Webster Groves, Mo.
- Jacobs, Russell L., '24, 707 West Forrest Hill, Peoria 5, Ill.
- \*Jobin, James Edward '42, League City, Tex.
- Johns, Donald C., '17, 416 Bower Hill road, Pittsburgh 16, Pa.
- Johnson, Oswald V., '38, 702 West Clark, Champaign, Ill.
- Jones, Ralph B., '35, P.O. Box 11, Dehue, W.Va.
- Keslowski, Nicholas, '41, 4400 South Mozart street, Chicago, Ill.
- Koenen, Albert R., '25, Box 757, Coleraine, Minn.
- Korapp, Karl Henry, '27, 1354 Diversity parkway, Chicago, Ill.
- Kraft, Reynold Rudolph, '18, 38 Nassau road, Great Neck, N.Y.
- Lacy, Reginald R., '23, 3916 Byers, Ft. Worth, Tex.
- Lindsay, William L., '28, 600 West Sixth, Benton, Ill.
- Lu, Chi T., '16.
- Lubelsky, Benjiman, '24, 1408 North Buchanan, Arlington, Va.
- Machamer, Jerome E., '22, 131 Hawthorne road, Duluth 5, Minn.
- Mahmood, Syed, '23, Diekhusha Patua, India.
- Malcomson, David K., '20, Potomac, Ill.
- Martin, Edmund R., '26, 8444 Prairie avenue, Chicago, Ill.
- \*Matoba, George H., '18, 4-24 Chotosee-Cho, Port Arthur, South Manchuria, Japan.
- Melvin, Byron H., '28, 709 Greenwood, Chattanooga, Tenn.
- Meyer, Frederick W., '37, American Cyanamid Corp., General Explosives Div., Bluefield, W. Va.
- Middletown, W. S., '13, 5501 Cornell avenue, Chicago, Ill.
- Miller, Walter H., '27, 4932 Gran avenue, Western Springs, Ill.
- \*Morgan, Chester A., '15, Harrisburg, Ill.
- Moses, Leslie A., '24, Box 6, Witbank, Tarnsvaal, South Africa.
- Newton, L. V., '13, V. Pres., Market St. Rys., San Francisco.
- Nibel, M. B., '13.
- Peacock, Gordon A., '28, Box 514, Ray, Ariz.
- Peralta, Israd Godoy, '44, Freirina, Chile, S.A.
- Porter, H. H., '17, 3821 River Oak Drive, Ft. Worth, Tex.
- Raymond, Robert L., '32, 409 Merrell avenue, Collinsville, Ill.
- Reed, Maurice J., '17, 55 Hubbard, River Plaza Red Bank, N.J.
- Refieuna, John Tony, '46, 127 Wolf road, Orland Park, Ill.
- Retonde, Mathew, '38, 306 Gladstone boulevard, Kansas City.
- Reuter, William Daniel, '43, 309 West boulevard, Marion, Ill.
- Round, O. H., '32, 408th Ord. (MM) Co., Corozal, C.Z.
- Rutledge, J. J., '94, Md. Bureau of Mines, State Off. Bldg., Annapolis, Md.
- Saa, J. F., '39, (It.) Hq. 8th E.T. Grp., Ft. Leonard Wood, St. Louis, Mo.
- Schaefer, J. W., '25, 72 W. Adams, Comm. Edison Co., Chicago.
- Siedel, J. J., '27, Pacific Metals Co., 3100 19th street, San Francisco.
- \*Silkman, J. M., '15, Colonel-Oliver Gen. Hosp., Augusta, Ga.
- Smith, Clyde S., '33, 730 Thurwell street, Herculaneum, Mo.
- Shaw, Robert C., '43, 1331 Darts-mouth, Glendale, Calif.
- Snider, James Wilson, '44.
- \*Stafford, H. S., '14, 3333 East 2nd street, Long Beach, Calif.
- Stamberg, F. F., '21, 5715 N. Santa Monica Blvd., Milwaukee.
- Stephens, C. J., '26, 206 South Pine street, Benton, Ill.
- Stevens, Albert B., '23, Texas A&M College, College Station, Tex.
- \*Strohl, J. J., '34, Mine Supt., Grand Reef Mine, Klondyke, Ariz.
- Strong, R. A., '15, Fuel Testing Laboratories, 552 Booth street, Ottawa, Canada.
- Teixeira, E. A., '17, Depart. Nacional da Producao Mineral, Rio de Janeiro, Brazil, Av. Azeiteur No. 404.
- Tolch, N. A., '24, Aberdeen, Md.
- Voight, A. L., '12, c-o Trotter Water Company, Uniontown, Pa.
- Voltz, L. S., '26.
- Wallage, S. T., '20, American Smelting and Refining Co., P.O. Box 810, Corpus Christi, Tex.
- Wang, C., '32, Chang Hsiang Coal Mine, Che Chiang Province, China.
- Widener, J. S., '24, 1401 Linden avenue, Baltimore 17, Md.
- Willson, H. E., '16, H. E. Wilson Co., Box 144, Oak Hill, W. Va.
- Woroshiloff, L. A., '31, 615 East 61st street, Chicago, Ill.
- Young, George C., '28, Safety Mining Co., 307 North Michigan avenue, Chicago, Ill.
- Young, L. R., '27, Jerome, Idaho.