

NEWS-LETTER

UNIVERSITY OF ILLINOIS

Department of Mining and Metallurgical Engineering Alumni

Vol. 2, No. 1

Fall, 1949

ALUMNI DIRECTORY ISSUE

With the cooperation of a good part of our alumni, we are able to publish in this issue a complete directory of graduates from the department. With this accomplishment realized, a primary objective of the News-Letter has been achieved.

It is anticipated that there will be instances in which our information may be out-of-date and incorrect. We hope to be notified of any corrections that should be made, so that the directory may have maximum accuracy and usefulness. In many cases, the only address that we have available is a home address from the undergraduate record cards. These instances should be remedied as soon as possible.

Our plans at present are to republish the directory at intervals according to the number of corrections we receive, and to include the latest graduates in the direc-

tory. A postal card sent to the department to notify us of a change of address or employer will be greatly appreciated by the staff and those interested in a useful directory.

The ultimate goal in assembling a directory for the department is to have both business and home addresses of all alumni. All of us like to know where our former classmates are located, and many may care to visit old friends when the only opportunity available is during business hours. For this reason, we would like to complete our information with your firm's name or address, even though we may already have your correct home address.

It had been hoped that this issue would have reached you much earlier in the fall semester, but difficulties in arranging a publishing schedule made the delay necessary.

Conference on Careers in Mining

In June the department invited some 30 high school principals and vocational guidance personnel to the University for a general conference on careers in the mineral industries. The conference was mainly guided toward mining engineering, but there were also talks on geology, metallurgy, and ceramics as related to the mining industry. Eighteen people attended the conference for five full days of education and sight seeing. The expenses of the high school personnel were paid by the Illinois Coal Operators' and the Illinois Coal Producers' Associations. The main purpose of the conference was to educate high school personnel concerning the opportunities and careers in the mineral industries, with the expectation that they could better advise students graduating from high school and entering the University.

Brief informative talks were given each morning of the week on mining and the related subjects of geology, metallurgy and ceram-

ics by various members of the faculty. The afternoons were devoted to laboratory visitations in the college of engineering. The last day of the conference was spent in going underground at one of the Peabody mines near Taylorville, Ill., with some time in the afternoon spent in the coal cleaning plant.

It was the general consensus of all the people attending the conference that it was highly successful. The high school personnel learned of the fine careers awaiting young men in mining engineering and they were much surprised to find that the hazardous conditions usually written up in the newspapers do not exist in actual practice. There were many favorable comments on the working conditions of men at the mines and the apparent opportunities awaiting young graduate mining engineers in the mechanized mining of coal.

The conference will be held again during the coming summer

Many Alumni at Metals Congress

The National Metals Congress in October found many of the staff and alumni in Cleveland. In addition to the technical sessions, most of us also look forward to the annual alumni luncheon to visit old friends and renew acquaintances. Those from the department attending were H. L. Walker, W. H. Bruckner, and T. S. Noggle. Those alumni at the luncheon were: R. O. Bayer (DuPont), R. W. Stumpf (Keystar), Harold Bunte (Comm. Ed), J. M. Bates (Carbide & Carbon), R. S. Hogue (Nat'l. Carbon).

H. W. Briske (Wis. Steel), G. H. Bohn (Linde Air), M. R. Rearick (Alcoa), T. S. Simms (Crerar Libr.), Joe Gaines (Signode Strapping), Willard Jacobs (Republic Steel), Bill Berkey (Chanute AF), Jim Hailey (Owens-Ill.), R. C. Matter (Delco Remy), C. E. Bates (Delco Remy), P. L. Butler (Arwood Precision Casting), C. R. Cook (Tit. Div., Nat'l Lead), R. M. Curcio (Permo, Inc.), J. G. Louvier (West. Cart.), C. R. Straesser (Caterpillar), E. B. Gempler (U. of Ill.), R. C. Bertossa (Chgo. Bridge & Iron), S. W. Sandberg (Westinghouse), W. E. Ellis (Timken), and L. N. Wall (Comb. Eng).

Other familiar faces seen in attendance at technical sessions were: Jim Bechtold, Glen Wensch, Norman Block, R. A. Wilde, and Stan Channon, H. C. Turner, F. C. Perkins, and Harry Czyzewski of the department.

The attendance at the luncheon was considerably greater than in previous years, and it is hoped this indicates a healthy development of department-alumni relations. A large group is anticipated at next year's meeting in Chicago.

but will be modified somewhat, based upon the experiences of the conference held last June. The conference was a fine example of the close cooperation now existing between the coal industry in the state of Illinois and the department of mining and metallurgical engineering.

Departmental Staff Presented

Most of us accustomed to thinking of the department as quite small were greatly surprised when a thorough counting of noses revealed 23 names on the department roster. Although this number may not be significant compared to some other departments in the college, it will still be quite revealing to many of the alumni. Those now in the department include:

Allen, Hazel, Dept. Sec.
 Bender, C. C., Inst. in speech (1/4 time to assist in seminars)
 Bohl, R. W., Asst. Prof. of Met. E.
 Bruckner, W. H., Res. Asst. Prof. of Met. E.
 Channon, S. L., Res. Asst. in Met. E.
 Chedsey, W. R., Prof. of Min. E.
 Clark, B. G., Asst. Prof. of Min. E.
 Craig, W. L., Asst. Lab. Mech.
 Czyzewski, H., Asst. Prof. of Met. E.
 Eckel, E. J., Assoc. Prof. of Met. E.
 Forsyth, A. C., Asst. Prof. of Met. E.
 Hildebrandt, V. D., Asst. Prof. of Met. E.
 Kruse, H. W., Sen. Lab. Mech.
 Lass, Mrs. D., Jr. Clerk-Typist
 Moran, Mrs. M. E., Asst. in Met. E.
 Noggle, T. S., Spec. Res. Asst. in Met. E.
 O'Connor, F. R., Jr. Lab. Mech.
 Perkins, F. C., Res. Asst. in Met. E.
 Ricketts, B. G., Asst. Prof. of Met. E.
 Turner, H. C., Asst. in Met. E.
 Voskuil, W. H., Prof. of Min. Econ. and Mineral Economist
 Walker, H. L., Prof. of Met. E., and Head of Dept.
 Wuerker, R. G., Asst. Prof. of Min. E.

NEW APPOINTMENTS TO THE DEPARTMENTAL FACULTY. Two assistant professors and four half-time assistants were appointed to the departmental faculty in September of this year. In addition, an appointment for the Olin Industries Fellowship for research in titanium has been made.

RUDOLPH G. WUERKER, Asst. Prof. of Min. Eng., Dip. Eng. Technische Hochschule Berlin-Charlottenbrug 1930, Dr. Eng. Technische Hochschule, Aachen 1934. Mining engineer and consulting engineer in Germany, Austria, and Czechoslovakia, and consulting engineer at the Steel Works Association, Duesseldorf, Germany. Dr. Wuerker played an important part in the introduction of steel supports in mines and

many of his publications have been printed in the coal mining literature of the world. In 1935 he went to Korea as a consulting engineer. In 1938 he went to the Philippines. During the Japanese occupation Dr. and Mrs. Wuerker were in Manila and Dr. Wuerker was employed in a dental supplies manufacturing plant. During the liberation of Manila, Mrs. Wuerker was injured by a Japanese mortar shell which has left a permanent injury to her hip. After the war Dr. Wuerker was principal engineer (P-6) in the U. S. Army Ordnance on captured enemy war material. On coming to the U. S., he was lecturer in the college of engineering at the University of California, Los Angeles. Dr. Wuerker is setting up a research project on mine roof pressures, mine squeezes of rock, comminution, etc. He is a member of the AIME and a licensed professional engineer in California.

VAUGHN D. HILDEBRANDT, Asst. Professor of Met. Eng., B. S. (in Ch. E.), Michigan State College in 1942, M.S. in 1946, Ph.D. 1949 (in Met. E.) Michigan State College. Prof. Hildebrandt entered the army upon finishing his undergraduate work in 1942 and served as battery officer, battery commander, Battalion S-3 and Brigade Gunnery Officer for an anti-aircraft artillery unit. Upon being released from active duty in the army he took employment with the Ford Motor Co. as a member of the quality control department and worked in the blast furnace, open hearth, soaking pits, blooming mill, and bar mill departments. He held a half-time graduate assistantship in 1946, and received the Michigan State College Graduate Council Fellowship for 1946-47, and was a full-time instructor in chemical and metallurgical engineering during 1947-48 and 1948-49. Prof. Hildebrandt is interested in the copper-beryllium alloys and expects to continue with his doctorate thesis work at Illinois. He is a member of the ASM, Tau Beta Pi, and Alpha Chi Sigma.

THOMAS S. NOGGLE, Research Assistant, one half time in Met. Eng. Tom received his bachelor's degree in Met. E. at Illinois in 1948, and the following year was with the Edwards Valve Co. in Chicago. Tom is working with Prof. Bruckner on the ONR Task 5, and is currently studying the

micromechanism of impact failure.

FRANK C. PERKINS, Assistant in Met. Eng., one half time. Frank received his bachelor's degree in Met. Eng. in 1949 at Illinois. He is working with Prof. Czyzewski on the physics of metallic wear.

HARRISON C. TURNER, Assistant in Met. Eng., one half time. Harry also received his bachelor's degree from this department in 1949. He is currently working with Prof. Bruckner on cinemicrophotography of fatigue failure in metals.

STANLEY L. CHANNON, Research Assistant in Met. Eng., Engineering Experiment Station, one half time. Stanley received his bachelor's degree from the University of Melbourne in 1944. During his undergraduate work he held a government undergraduate scholarship. For the next two years he was in the Australian Government Munitions Supply Laboratory, and the next two years was plant metallurgist at the Small Arms Plant. He received the Melvin Research Fellowship for study abroad, and went to the University of Utah for his M.S. degree in 1948. At Utah he also held an Engineering Experiment Station Fellowship in research. Stanley came to Illinois in September, 1948, and has been engaged in research in recrystallization phenomena under Prof. Walker. In February of this year he will be appointed to the Olin Industries Fellowship for research in titanium and will work on his doctorate thesis.

MRS. MARGARET ELLEN MORAN (nee O'Donnell) assistant in Met. Eng. one half time. Margaret received her bachelor's degree in metallurgical engineering at Illinois in 1948, and was a half-time assistant from September, 1948, until April, 1949, when she resigned to have a fine baby girl during the summer. Margaret is working as a paper grader and research assistant on recrystallization of brass for Prof. Walker.

FACULTY RESIGNATIONS

JAMES H. BECHTOLD, Instructor in Met. Eng. B.S. 1947, M.S. 1949, University of Illinois. Jim resigned last June to be associated with the Westinghouse Atomic Energy Laboratory in Pittsburgh. Everyone regretted to see Jim go, but he felt he should enlarge on his experience and is

(Continued on page 8)

ALUMNI DIRECTORY

In this directory, the address given is the most recent available to the department, and in most cases is the home address. For cases in which both home and business addresses are known, the business address is included in parentheses. It is apparent that a good many addresses on our records are simply the home addresses reported from original student records, and we hope to be brought up-to-date in these situations as soon as possible.

MINING

- Adams, E. C. '37. (Lt. Col.) Engr. Sect., Hq. 2nd Army, Ft. Meade, Md.
- Adams, H. M. '31. 303 E. Wells, Geneseo, Ill.
- Allen, E. V. '16. 433 Ellsworth, Gary, Ind.
- Allison, E. H. '22. 145 E. Washington Blvd., Lombard, Ill.
- Anderson, D. L. '41. Empresa Minera de Nicaragua, Apartado 195, Managua, Nicaragua.
- Anderson, W. W. '30. 2436 Prairie, Evanston, Ill.
- Asman, A. W. '38. Mining Div., Penn. State College, State College, Pa.
- Baniqued, J. F. '40. Lamitan, Basilan, Zamboanga, P. I.
- Banno, T. '24. Mitusi Kawakami Coal Mines, Kawakami-Tangan, Karafuto, Japan.
- Barrett, A. L. '30 (Joy Mfg Co). 1420 Buffalo, Franklin, Pa.
- Beard, B. L. '24 (St. Joseph Lead Co). Herculaneum, Mo.
- Becker, Morris L. '13.
- Bell, L. R. '14. Cassilla 331, La Paz, Bolivia.
- Berg, Henry '32. 5255 Berenice, Chicago, Ill.
- Blair, J. A. '25 (1307 Law & Finance Bldg). 440 Avon, Pittsburgh, Pa.
- Boley, C. C. '35. 568 N. 6th, Laramie Wyo.
- Borrer, C. D. '26. Canadian Johns-Manville, Ltd., Asbestos, Quebec, Canada.
- Borrer, C. D. Jr. '48.
- Bottomley, E. J. '28 (Sunlight Coal Co). RFD 3, Boonville, Ind.
- Bottomley, J. A. '30 (Sahara Coal Co). 111 W. O'Gara St., Harrisburg, Ill.
- Bowman, D. C. '40 (Chicago Vitreous Enamel Prod). 425 Jefferson, Elgin, Ill.
- Bremer, E. '25 (Penton Publ Co). 1624 Lauderdale, Lakewood, Ohio.
- Brookhart, C. E. '41. 4020 Dickens, Chicago, Ill.
- Brown, J. L. (Maj) '36 (US Army Ord, Pentagon Bldg). 1035 Cross Dr., Alexandria, Va.
- Buchanan, D. P. '27 (Old Ben Coal Co). 390 Hawthorn Lane, Winnetka, Ill.
- Buchanan, G. '22 (Old Ben Coal Co). 1724 S. Ridge Rd., Highland Park, Ill.
- Bucky, P. B. '21 (School of Mines, Columbia U). 17 N. Chatsworth, Larchmont, N. Y.
- Burns, J. R. '39 (US Gypsum Co). Plaster City, Calif.
- Butters, H. E. '25. 7471 Overbrook Dr., St. Louis, Mo.
- Cadaval, A. G. '25. Deceased.
- Capouch, M. E. '23 (Am Steel & Wire). Rockefeller Bldg., Room 1248, Cleveland, Ohio.
- Campbell, C. W. '17. Deceased.
- Carpenter, E. F. '23. Epping, N. D.
- Chu, Y. L.
- Cohlmeyer, S. H. '41. Box 257, Ashley, Ill.
- Comstock, J. A. '23 (Borg-Warner Corp). 314 Highland, Ithaca, N. Y.
- Cooney, E. W. '28. Sullivan Machinery Co., Claremont, N. H.
- Cothern, L. I. '22. Ohio State U., Columbus, Ohio.
- Coulter, D. M. '25 (Watkins & Coulter, Engrs). 226 H St., NW., Miami, Okla.
- Crane, M. '20 (Bangs & Crane, Atty). 606 Greenleaf, Glencoe, Ill.
- Dencer, F. A. '22. 3457 Custer, Cincinnati, Ohio.
- Dodge, C. H. '24. Engr-in-Charge, U.S. Bur. of Mines, Jellico, Tenn.
- Dunlap, C. K. '42 (Bethlehem Collieries). 401 1/2 First St., Fairmont, W. Va.
- Eckart, H. C. '22. Box 208, Saranac Lake, N. Y.
- Eadie, G. R. '49. 272 W. Main, Uniontown, Pa.
- Evans, J. E. '47. 214 W. Lincoln, Harrisburg, Ill.
- Fagerburg, R. E. '23. 109 Lincoln, Riverside, Ill.
- Ferguson, P. N. '23 (St. Joseph Lead Co, Bonne Terre, Mo). Box 263, Rivermines, Mo.
- Fitzpatrick, J. C. '20. 1023 Catalpa, Chicago, Ill.
- Fleming, R. C. '25. Ed., Mining Congress Jnl., 309 Munsey Bldg., Washington, D. C.
- Fox, J. M. '48 (Freeman Coal Mining Corp). 312 S. 13th St., Herrin, Ill.
- Fraser, T. '17. 1712 New Hampshire, Washington, D. C.
- Gjessing, Harry '23.
- Gossard, Amzi '37. Union Colliery, 12 S. Line St., DuQuoin, Ill.
- Grable, E. F. '33. U.S. Engr. Area Off., Hayward St., Peoria, Ill.
- Griftner, J. H. '15. 106 S. Neil, Champaign, Ill.
- Gross, H. E. '33 (Consulting Engr, 406 Market, St. Louis). 1141 E. Elm, Webster Groves, Mo.
- Gunder, J. H. '79. Deceased.
- Haake, D. R. '36 (Rochester & Pittsburgh Coal Co). 530 Poplar Ave., Indiana Pa.
- Hallbauer, E. L. '21. 425 W. Belden Ave., Chicago, Ill.
- Hamilton, C. A. '41. Climax Moly Co., Climax, Colo.
- Hanson, S. A. '40. Box 432, Ray, Ariz.
- Harbicht, H. C. '18. Deceased.
- Hartman, L. M. '27 (Central Power & Light Co). 302 Cordula, Corpus Christi, Texas.
- Hazen, L. G. '34. 308 N. Main, Pinckneyville, Ill.
- Heinrichs, R. M. '22. 328 S. Eddy, South Bend, Ind.
- Hemphill, J. S. '26. Frederick Snare Corp., Box 2051, Ancon, C. Z.
- Hollett, A. B. '46 (Res Lab, Cleveland Cliffs Iron Co). Box 31, Taconite, Minn.
- Hollett, G. T. '40 (Cleveland Cliffs Iron Co). 205 E. Ely, Ishpeming, Mich.
- Housman, J. S. '14. 449 N. Main, Canton, Ill.
- Hsieh, Surgeon, 24.
- Hubbart, C. C. '15. Superior Coal Co., Gillespie, Ill.
- Huber, L. W. '20. Deceased.
- Jackson, W. H. '23. State Highway Division, Webster Groves, Mo.
- Jacobs, R. L. '24. 707 W. Forrest Hill, Peoria, Ill.
- Jasinski, E. J. '36 (Atlantic Refg Co). Box 895, Lake Charles, La.
- Jobin, J. E. '42. League City, Texas.
- Johns, D. C. '17. 416 Bower Hill Rd., Pittsburgh, Pa.
- Johnson, E. C. '24 (Pres, Gibbs & Hill, Inc, Cons Engrs). 675 Haxtun, Orange, N. J.
- Johnson, H. W. '22 (Inland Steel Co). 5811 Dor-

- chester, Chicago, Ill.
 Johnson, O. V. '37. 702 W. Clark, Champaign, Ill.
 Jones, J. E. '41 (Nat'l Mine Service Co). 512 S. Kanawha, Beckley, W. Va.
 Jones, R. B. '35. Box 11, Dehue, W. Va.
 Keslowski, N. (Lt) '41. 4400 S. Mozart, Chicago, Ill.
 Kimble, W. P. '79. Deceased.
 Koenen, A. T. '25. Box 757, Coleraine, Minn.
 Korapp, K. H. '27. 1354 Diversy Pkwy., Chicago, Ill.
 Kraft, R. R. '18. 38 Nassau Rd., Greatneck, N. Y.
 Kuhn, Issac '79. Deceased.
 Lacy, R. R. '23. 3916 Byers, Ft. Worth, Texas.
 Lager, R. E. '27 (Owens-Ill Glass, Toledo). 326 E. Harrison, Maumee, Ohio.
 Langwill, J. S. '37 (West Elect, Sunnyvale, Calif). RFD 1, Box 1, Saratoga, Calif.
 Leriche, Willis '14. Deceased.
 Ligare, E. F. '89. Deceased.
 Lindley, B. H. '22 (Miss River Comm, Corps of Engrs). 3200 Washington, Vicksburg, Miss.
 Lindsay, W. L. '28. 600 W. 6th, Benton, Ill.
 Lu, Chi T. '16.
 Lubel, S. S. '22. Deceased.
 Lubelsky, B. '24. 1408 N. Buchanan, Arlington, Va.
 McDonald, J. E. '14. Deceased.
 McMillen, J. W. '24. Antioch, Ill.
 Machamer, J. E. '22. 131 Hawthorne Rd., Duluth, Minn.
 Mahmood, Syed '23. Diekhusa Patua, India.
 Malcomson, D. K. '20. Potomac, Ill.
 Martin, E. R. '26. 8444 Prairie, Chicago, Ill.
 Matoba, G. H. '18. Port Arthur, So. Manchuria, Japan.
 Melvin, B. H. '28. 709 Greenwood, Chattanooga, Tenn.
 Merz, R. A. '22 (Cerro de Pasco Copper Co). La-Oroya, Peru.
 Meyer, F. W. '37. Am. Cyanamid Corp., Bluefield, W. Va.
 Middleton, W. S. '13. 5501 Cornell, Chicago, Ill.
 Miller, F. A. '27 (Consolidated Coal Co). 509 N. 11th, Herrin, Ill.
 Miller, W. H. '27. 4932 Grand, Western Springs, Ill.
 Moitra, M. N. '25. 175 Rash Behari Ave., Calcutta, India.
 Morgan, C. A. '15. Harrisburg, Ill.
 Moroni, E. T. '40. (Consolidated Coal Co). 112 S. 13th, Johnson City, Ill.
 Morris, Nelson '17. Deceased.
 Morris, R. N. '47. 804 S. Granger, Harrisburg, Ill.
 Muehlemeyer, C. H. '34 (O. T. Muehlemeyer Heat Treat Co). 710 Lundvall, Rockford, Ill.
 Murton, A. E. '25 (Continental Fdry & Machine Co). 99 Ordale, Pittsburgh.
 Newton, L. V. '13. V. P., Market Street Rys., San Francisco, Calif.
 Nebell, M. B. '13. Deceased.
 Needham, James '18. Deceased.
 Peacock, C. A. '28. Box 514, Ray, Ariz.
 Peralta, I. G. '44. Freirina Ave., Freirina, Chile.
 Perry, R. G. '15. Chief Eng., Sahara Coal Co., Harrisburg, Ill.
 Phemister, H. I. '29 (Am Cyanamide Co, Pittsburgh). 737 Highland Ave., Latrobe, Pa.
 Phillips, R. R. '39 (Pacific Co). 3525 May Ct., Oakland, Calif.
 Podesta, R. A. '24. Deceased.
 Porter, H. H. '17. 3821 River Oak Dr., Ft. Worth, Texas.
 Pruitt, C. L. '36 (Inland Steel Co). 628 E. 103rd, Chicago, Ill.
 Rauch, H. L. '22. 721 N. Hermosa, Albuquerque, N. M.
 Raymond, R. L. '32. 409 Merrell, Collinsville, Ill.
 Reed, M. J. '17. 55 Hubbard, River Plaza, Red Bank, N. J.
 Refieuna, J. T. '46. 127 & Wolf, Orland Park, Ill.
 Retonde, M. '38. 306 Gladstone Blvd., Kansas City, Mo.
 Reuter, W. D. '43. 309 W. Boulevard, Marion, Ill.
 Richards, P. L. '33 (Inland Steel Co, 38 S. Dearborn, Chicago). Marion, Ky.
 Rigg, H. A. '43 (Purdue U, Dept of Phys Plant). Apt. 6, Bldg. 13, Ross-Ade Dr., W. Lafayette, Ind.
 Robertson, E. C. '36 (Teaching Fellow, Harvard U, Dept of Geology). 236 May, Monrovia, Calif.
 Robinson, A. F. '80. Deceased.
 Rossbach, E. J. '12. 2101 New Hampshire, NW, Washington, D. C.
 Round, O. H. '32. 408th Ord. (MM) Co., Corozal, C.Z.
 Rutledge, J. J. '94. Md. Bur. of Mines, State Off. Bldg., Annapolis, Md.
 Sanford, R. S. '23 (US Bur of Mines, College Pk, Md). 7116 Garland Ave., Takoma Pk., Md.
 Sass, J. F. '39.
 Schaefer, J. W. '25 (Comm Edison Co). 1420 Park Ridge Blvd., Park Ridge, Ill.
 Scherer, R. M. '32. Deceased.
 Seidel, J. J. '27. Pacific Metals Co., 3100 19th St., San Francisco, Calif.
 Setinsky, J. H. '24 (Flintkote Co). 405 Hamilton Rd., Ridgewood, N. J.
 Seymour, B. B. '21. Deceased.
 Silkman, J. M. '15 (Col) Oliver Gen. Hosp, Augusta, Ga.
 Skinner, J. P. '39 (New Jersey Zinc Co), Franklin, N. J.
 Slade, W. W. '46 (Owens-Ill Glass Co). 3918 Detroit, Toledo, Ohio.
 Smith, C. S. '33 (St. Joseph Lead Co). 730 Thurwell, Herculaneum, Mo.
 Smith, C. M. '20. Consulting Engr., 538 Munsey Bldg., Washington, D. C.
 Smith, C. W. '13 (Montana-Dakota Utilities Co). 831 Tnd St., Minneapolis, Minn.
 Smith, G. L. '24 (Goodman Mfg Co). 4537 Drexel, Chicago, Ill.
 Smith, H. A. '28. Deceased.
 Snider, J. W. '44.
 Spotti, A. E. '40 (Christopher Coal Co, Arkwright Mine). RFD 2, Morgantown, W. Va.
 Stafford, H. S. '14. 3333 E. 2nd, Long Beach, Calif.
 Stamberg, F. F. '21. 5715 N. Santa Monica Blvd., Milwaukee, Wis.
 Stephens, C. J. '26. 206 S. Pine, Benton, Ill.
 Stephens, R. M. '48.
 Stevens, A. B. '23. Texas A&M College, College Sta., Texas.
 Stewart, J. W. '27. Head, School of Hines, Univ. of Alabama, University, Ala.
 Stewart, O. G. '23 (Electro Met Div of Union Carbide & Carbon). Box 7, Alloy, W. Va.
 Strohl, J. J. '34. Mine Spt., Grand Reef Mine, Klondyke, Ariz.
 Strong, R. A. '15. Fuel Testing Labs, 552 Booth, Ottawa, Canada.
 Swain, F. '28 (Golden Fdry Co, Columbus, Ind). 626 W. 2nd, Seymour, Ind.
 Swett, L. W. '14. Deceased.
 Tannenbaum, D. M. '43 (Pioneer Service & Engr

Co). 1552 Juneway Terrace, Chicago, Ill.
 Teixeira, E. A. '17. Dept. Nacional da Produccao Mineral, Ave Pasteur No. 404, Rio de Janeiro, Brazil.
 Tolch, N. A. '24. Aberdeen, Md.
 Voight, A. L. '12. Trotter Water Co., Uniontown, Pa.
 Voltz, L. S. '26.
 Wai, Hai-Shou '26.
 Wallage, S. T. '20. Am. Smelting & Refining Co., Box 810, Corpus Christi, Texas.
 Walls, M. B. '44 (Riverside Cement Co, Victorville, Calif). Box 151, Oro Grande, Calif.
 Westenhaver, J. L. '18 (US Naval Ord Test Sta, Pasadena). 372 N. Madison Ave., Pasadena, Calif.
 Wharton, J. N. '72. Deceased.
 Whitney, L. H. '17. Deceased.

Widener, J. C. '24. 1401 Linden, Baltimore, Md.
 Williams, H. B. '87. Deceased.
 Willson, H. E. '16. H. E. Willson Engr Co., Box 144, Oak Hill, W. Va.
 Wilten, H. M. '21 (The Texas Co). 4600 Alamosa, Port Arthur, Texas.
 Wojtanowicz, F. C. '30 (Internat'l Minerals & Chem Corp, Chicago). 613 S. 9th Ave., LaGrange, Ill.
 Wormley, L. E. '21. Dept. of Corrections, State of Calif., State Off. Bldg., Sacramento). 2360 Purvington Dr., Sacramento, Calif.
 Woroshiloff, L. A. '31. 651 E. 61st St., Chicago, Ill.
 Young, G. C. '28. Safety Mining Co., 307 N. Michigan, Chicago.
 Young, L. R. '27. Jerome, Idaho.

METALLURGY

Alpers, E. E. '48 (GMC Central Fdry Div). 1201½ E. Main, Danville, Ill.
 Anderson, A. E. '42. 602 Valley, Peoria, Ill.
 Aplet, W. R. '48. Naval Res. Lab., Washington, D. C.
 Aral, M. M. '44. Celik Fabrikasi, Kirikale, Turkey.
 Baldwin, A. J. '41. 805 W. 6th, Staunton, Ill.
 Baskal, Mehmet '44. 622½ Ferry, Lafayette, Ind.
 Bates, C. E. '43 (Delco Remy Div GMC). Box 326, Daleville, Ind.
 Bates, J. M. '40 (Carbide & Carbon Chem Corp). 105 Forest, So. Charleston, W. Va.
 Bayer, R. O. '44 (DuPont). 2307 N. Monroe, Wilmington, Del.
 Beattie, C. W. '37. Armco Steel Corp., Middletown, Ohio.
 Bechtold, J. H. '47 (Westinghouse Elect). 5801 Aylesboro, Pittsburgh, Penn.
 Beede, H. C. '46. Seattle, Wash.
 Bell, J. A. '43 West. Elect., Hawthorne Sta). 132 E. Quincy, Riverside, Ill.
 Berkey, W. W. '48. 515 E. Sangamon, Rantoul, Ill.
 Bertossa, R. C. '49 (Chicago Bridge & Iron). 1240 22 St. S., Birmingham, Ala.
 Bevan, J. E. '40. 31 E. 10th, Danville, Ill.
 Bez, Lt. J. A. '42. 2nd Engr. Combat Bn., Ft. Lewis, Wash.
 Blaski, N. B. '49. 4434 N. St. Louis, Chicago.
 Block, Norman '48. Foster Wheeler.
 Bohl, R. W. '46. 205 Met. Lab., Univ. of Illinois.
 Bohlen, P. H. '42 (Am Manganese Steel Div, Am Brake Shoe Co). Cottage Gr. Ave., RR2, Chicago Heights, Ill.
 Bolda, F. J. '48. 8346 Baker Ave., Chicago.
 Brannick, T. L. '44. 717 S. Ashland, Chicago.
 Briske, H. W. (Brzyski) '40 (Wis

Steel Co). 6432 N. Magnolia, Chicago.
 Brodnick, R. M. '49. 207 Met Lab., Univ. of Illinois.
 Brooks, L. O. '39 (AC Spark Plug Div GMC). 1621 Arlington Ave., Flint, Mich.
 Brownback, J. M. '39, Deceased.
 Brummett, C. R. '40 (Nat'l Carbon Co). 8549 Krull Pk. Way, Niagara Falls, N. Y.
 Bruns, F. J. '48 (Std Oil of Ind). 1736 Oliver, Whiting, Ind.
 Buckholdt, H. N. '40 (Reed-Buckholdt, Inc). 706 S. 23rd, Springfield, Ill.
 Bushee, C. D. '39. 907 Mapleton, Oak Park, Ill.
 Butler, P. L. '40. Naval Res. Lab., Washington, D. C.
 Caldwell, J. S. '43, Apex Smelting Co. 2537 W. Taylor, Chicago.
 Callen, Alfred C. Jr. '47. Bethlehem, Penn.
 Carlen, R. N. '42 (J. T. Ryerson & Son, Inc). 2206 W. Granville, Chicago.
 Carlson, C. B. '37. 444 Union St., Marseilles, Ill.
 Carmody, Thos. '41. 2603 W. Lamont Ave., Chicago.
 Carreker, R. P. '46 (Gen Elect Corp). 220 Union, Schenectady.
 Cathcart, F. M. '46. 1566 Logan, Denver, Colo.
 Chao, Charles F. '44.
 Chase, J. J. '43 (Thompson Prod Inc). 15515 Oakhill Rd., Cleveland, Ohio.
 Chinlund, J. F. '42. 1323 Eddy, Chicago.
 Christensen, T. E. '40. 1543 Westchester, Westchester, Ill.
 Cook, C. R. '44 (Titanium Div, Nat'l Lead Co). Box 284A, RFD 1, Metuchen, New Jersey.
 Craig, W. J. '41. 214 Talbot Lab., Univ. of Illinois.
 Crews, D. L. '42. Dept. of Chem. & Met. Engr., U. of Cincinnati.
 Cunningham, J. E. '44. 101 Tilden Rd., Oak Ridge, Tenn.
 Curcio, R. M. '44 (Permo, Inc). 4151 W. Arthington, Chicago.

Czyzewski, Harry '41. 205 Met. Lab., Univ. of Illinois.
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 Davis, D. K. '40 (Winchester Arms). 290 Helen, Hamden, Conn.
 Davis, J. M. '40. U. S. Patent Off., Washington, D. C.
 Dedinas, J. A. '43 (Allis Chalmers). 4654A N. 7th, Milwaukee.
 Dellinger, G. R. '40. 2013 Cherry, Columbus, Ind.
 Demeter, D. R. '49. 1502 John, Whiting, Ind.
 DeWitt, R. R. '49. International Nickel Co., Bayonne, N. J.
 Dickson, R. K. '45 (Trent Tube Co). 1021 North, Lake Geneva, Wis.
 DiVito, J. F. '43. 1030 S. Hoyne, Chicago.
 Dodson, C. O. '42 (Nat'l Carbon Co). 9120 Champlain, Niagara Falls, N. Y.
 Doremus, G. E. '41 (Am Brass Co). 7309 18th Ave., Kenosha, Wis.
 Ellis, W. E. '47 (Timken Roller Bearing Co). 5426 Jonathan, NW. Canton, Ohio.
 Erguven, Ali '44. Turkey.
 Eriksen, Reidar, '41 (Nat'l Malleable & Steel Casting Co). 3344 W. 110th, Cleveland, Ohio.
 Erkun, N. M. '48. Box 7253 Oakland Sta., Pittsburgh, Penn.
 Ferguson, R. R. '48. RFD I, Valencia, Penn.
 Flesch, L. P. '39 (Prest-O-Lite, Linde Air). 3421 S. Delaware), Indianapolis, Ind.
 Forst, R. W. '43 (Hotpoint Inc). 810 Forest Rd., LaGrange Pk., Ill.
 Foster, J. E. '41 (Am Fdrymen's Soc). 1104 Pratt Blvd., Chicago.
 Fournier, C. A. '49. 132 N. Oak Park Ave., Oak Park, Ill.
 Francis, A. '42. 8112 Evans, Chicago.
 Frey, E. L. '49 (Austen Labs). 1111 N. Van Buren, Litchfield,

- Fry, Harold '44. 7004 Paxton, Chicago.
- Furkert, P. A. '41. 400 W. Deming, Chicago.
- Gaines, J. A. '44 (Signode Steel Strapping Co). 665 Grace, Chicago.
- Garcia, W. M. '49. 1209 E. 63rd, Chicago.
- Gempler, E. B. '49. 205 E. Stoughton, Champaign, Ill.
- Gillan, J. H. '42. (J. T. Ryerson, Emeryville, Cal.). 218 Poshard, Concord, Calif.
- Gilson, R. R. '41 (Kings Inc). 100 W. 5th, Oxnard, Calif.
- Gippert, L. E. '41 (Allegheny Ludlum). W. Lake Rd., Dunkirk, N. Y.
- Goetz, R. C. '49. 10843 Forest, Chicago.
- Gosch, D. R. '39 (H. A. Wilson Co, Newark). 70 Trelawn Terrace, Plainfield, N. J.
- Gougler, F. A. '47. 321 Vernon, New Kensington, Pa.
- Graper, L. G. '43 (Fairbanks-Morse). 1150 Vernon, Beloit, Wis.
- Grover, R. E. '37 (J. A. Roebling). RFD 4, Trenton, N. J.
- Guimaraes, M. M. '42. Cia. Minas Da Passagem, Passagem De Mariana, Minas Geraes, Brazil.
- Hafner, R. H. '40. 175 N. Linden Rd., Mansfield, Ohio.
- Hailey, J. D. '43. 2026 Cornell, Cleveland, Ohio.
- Hailey, R. W. '41. 2200 Prospect, Cleveland, Ohio.
- Hallowell, Dan '47. Box 3, Farmer City, Ill.
- Hanson, J. R. '41. 821 Bristol, Westchester, Ill.
- Hardin, R. I. '42 (Fansteel Met'l Corp). 4603 N. Claremont, Chicago, Ill.
- Hasemeyer, Earl '48 (Western Cartridge). 2405 Sanford, Alton, Ill.
- Havens, B. H. '42 (Chicago Pump). 5637 N. Spaulding, Chicago, Ill.
- Heckman, G. R. '41. 47 Orchard, Pittsfield, Mass.
- Hensley, W. E. '49. 2311 Noble, Anderson, Ill.
- Hering, W. S. '48. US Corps of Engr). 1524 Melrose, Walla Walla, Wash.
- Herzler, R. E. '40. Reynolds Metal Co., 1000 Wrigley Bldg., Chicago, Ill.
- Hino, Jun '41. 806 W. Oak, Arlington, Va.
- Hoener, L. G. '49. Inland Steel Co., Indiana Harbor, Ind.
- Hoff, W. A. '42 (Republic Steel Corp). 9124 S. Hoyne, Chicago.
- Hogue, R. S. '40 (Nat'l Carbon Co). 20884 Northwood, Cleveland, Ohio.
- Holgerson, H. T. '44. 645 N. Laramie Ave., Chicago, Ill.
- House, L. F. '48 (Armco Res Lab). 3212 Bexley Dr., Middletown, Ohio.
- Hyde, R. S. '49. 6 Highland St., Calumet City, Ill.
- Ingels, G. R. '40. 6233 Navigation Blvd., Houston, Texas.
- Irish, Charles B. '42. Deceased.
- Jacobs, W. G. '48. 336 Woodbine, Rochester, N. Y.
- Jaeger, R. O. '41 (US Gypsum-Metal Div). 4909 Fullerton, Chicago, Ill.
- Jensen, P. A. '40 (New Jersey Zinc Co). Box 491, Depue, Ill.
- Johnson, A. W. '40. 908 N. 4th, Springfield, Ill.
- Jonsson, W. '47. 2717 N. Leclair, Chicago, Ill.
- Karakoc, I. B. '46. Celik Fabrikasi, Kirikkale, Turkey.
- Kilimnik, W. '40 (US Steel Supply Co, L.A.). 4615 South St., Bellflower, Calif.
- Klann, R. W. '48. 2515 26 Ave., Moline, Ill.
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- Kovac, L. R. '39. RFD 2, Box 103, Royal Oak, Mich.
- Krogdahl, P. J. '48 (Allis Chalmers). 426 W. Adams, Springfield, Ill.
- Kuderko, M. J. '44. 814 14th St., North Chicago, Ill.
- Kurtay, Hilmi K. '46. Turkey.
- Lampson, F. K. '49. Oak Ridge, Tenn.
- Landeck, L. W. '41 (Westinghouse Elect Corp). RFD 4, Lima, Ohio.
- Lane, J. R. '43. Mass. Inst. of Tech., Dept. of Met'l.
- Lange, J. F. '41 (Carnegie-Ill Steel). 14507 Wentworth, Riverdale, Ill.
- Lauck, E. C. '41. 2314 W. Connecticut, Royal Oak, Mich.
- Lauder, J. W. '49.
- Leake, R. D. '39. 401 Crawford, Dixon, Ill.
- Leber, Sam '47. 441 Barker, Peoria, Ill.
- Leighly, H. P. '48. 207 Met. Lab., Univ. of Ill.
- Levinson, I. S. '43 (Celanese Corp). 235 Longview W., Corpus Christi, Texas.
- Levy, E. M. 3458 N. Janssen, Chicago, Ill.
- Likens, W. H. '44.
- Lister, F. M. '44 (Hamilton Prop Div-United Aircraft). 47 W. Shore Dr., Shaker Pines Lake, Hazardville, Conn.
- Litman, A. P. '46. 5235 Garfield, Kansas City, Mo.
- Lloyd, L. T. '44. 8846 Dante Ave., Chicago, Ill.
- London, K. O. '39. 1246 Pratt Blvd., Chicago.
- Lorentz, R. E. '39. 4604 Colonial Dr., Chattanooga, Tenn.
- Louvier, J. G. '47 (Western Cartridge). 215 East Drive, E. Alton, Ill.
- McCreery, L. H. '37 (Manufacturers Repr). 119 W. Cedar, Webster Grove, Mo.
- McGaughey, R. L. '48 (Elgin Nat'l Watch Co). 1191 Logan, Elgin, Ill.
- McGinnis, W. L. '41. 1624 Hickman Rd., Des Moines, Iowa.
- McGivern, J. M. '42 (Am Steel & Wire, Donora). 413 Shady Ave., Charleroi, Pa.
- Mahr, R. E. '39 (Chrysler Eng. Div, Highland Pk). 2360 Bacon Ave., Berkley, Mich.
- Martin, S. S. '41. Box 34, Sta. B, Los Angeles, Calif.
- Matson, H. J. '49. 1622 Broadway, Melrose Park, Ill.
- Matter, R. C. '43. 1420 Drexel, Elmhurst Addn., Anderson, Ind.
- Maurer, H. J. '43.
- Mayfield, R. M. '42 (Argonne Nat'l Lab). 116 Fellows, Apt. C, Elmhurst, Ill.
- Mendenhall, J. H. '42. Western Cartridge Co., E. Alton, Ill.
- Merutka, J. P. '49. 1823 Oakdale, Chicago, Ill.
- Meyer, H. H. '47 (Monarch Steel). 4753 Stratford, Indianapolis.
- Millhouse, R. D. '48 (Chicago Ry Equip Co). 310 N. Washington, Marion, Ind.
- Miner, H. W. '38 (Fairbanks-Morse). 1623 Manchester, Beloit, Wis.
- Moll, K. E. '44 (Naval Ord Test Sta, Pasadena). 136 N. Grand, Monrovia, Calif.
- Moninger, J. P. '44. 5305 Berenice Ave., Chicago, Ill.
- Moran, Margaret O'Donnell, '48. 207 Met. Lab., Univ. of Ill.
- Morris, G. H. '42 (Veterans Canteen Service). 100 Highland Dr., Brecksville, Ohio.
- Mucek, W. A. '48 (Howard Fdry). 3446 N. Ruby, Franklin Park, Ill.
- Mullane, J. C. '41. 6220 Greenwood, Chicago, Ill.
- Munson, O. G. '44. Prophetstown, Ill.
- Murphy, M. E. '41. 702 N. Coler, Urbana, Ill.
- Nevitt, M. V. '44. Va. Poly. Inst., Blacksburg, Va.
- Niehaus, W. G. '40 (Ind Electroplating Co, Indpls). Newark Village, Carmel, Ind.
- Nielsen, C. S. '40 (Milwaukee Vocational School). 6253 N. 118th

- St., Milwaukee, Wis.
 Noggle, T. S. '48. 207 Met. Lab., Univ. of Ill.
 Nolan, F. W. '40. 5107 W. Washington, Chicago.
 Oehler, H. E. '37 (Culligan Zeolite Co). 3456 Bronson, San Bernardino, Calif.
 Olivieri, J. '40. 509 N. Church, Rockford, Ill.
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 Papadinoff, Chris '46 (J. T. Ryerson). 1732 Olive, Granite City, Ill.
 Paprocki, Stan '46. Battelle Inst., Columbus, Ohio.
 Perkins, F. C. '49. 207 Met. Lab., Univ. of Ill.
 Perry, T. E. '48. 212 Charles St., SE., Massillon, Ohio.
 Person, B. C. '47. 3809 Government St., Baton Rouge, La.
 Phillippe, K. G. '43 (US Steel Supply, Pasadena). 2056 S. Fletcher. So. Pasadena, Calif.
 Price, B. R. '39 (West. Elect Corp). 4917 Center, Pittsburgh.
 Pugh, J. W. '48 (Gen Elect, W. Lynn, Mass). 1604 S. 4th, Springfield, Ill.
 Purdy, G. A. '42 (Aluminum Res Lab). 103 Aluminum City Terrace, New Kensington, Pa.
 Randall, H. M. '47. Sta. Oil of Indiana, Whiting, Ind.
 Ray, R. L. '44. J. T. Ryerson, Emeryville, Calif.
 Rearick, M. R. '40 (Alcoa). 525 5th Ave., New Kensington, Pa.
 Reynolds, R. W. '41. 640 E. 89th St., Chicago, Ill.
 Richmond, R. '37 (Am Steel & Wire). 28 N. West St., Waukegan, Ill.
 Riddell, F. L. '43 (H. Kramer & Co). 1345 W. 21st, Chicago, Ill.
 Riggs, T. J. '41 (Argonne Nat'l Lab).
 Rinehart, E. E. '43 (Am Steel & Wire). Box 1481, Joliet, Ill.
 Roach, D. B. '42. 1138 S. Cossingham Rd., Columbus, Ohio.
 Roberts, G. F. '38 (City Engr, San Diego). 2149 Flintridge Dr., National City, Calif.
 Roston, Phillip. '43.
 Rough, F. A. '43 (Battelle Inst). 1462 Elmwood, Columbus, Ohio.
 Round, O. H. '32. 408th Ord (MM) Co., Corozal, Canal Zone.
 Rowells, L. G. '48 (Imperial Type Metal Co). 3331 N. Kolmar, Chicago, Ill.
 Rudin, W. L. '42 (Wm L Rudin & Assoc, Consultants). 7925 S. Eberhart, Chicago, Ill.
 Sandberg, S. W. '48 (Westinghouse Elect Corp). 2689 Robinson Blvd., Pittsburgh, Pa.
 Scharck, R. H. '49 (Gen Elect.) 1039 Maryland, Schenectady.
 Schenk, C. Jr. '49. 256 Central, Cohoes, N. Y.
 Schilke, W. R. '47 (Alcoa Res Lab). RFD 1, Box 31, New Kensington, Pa.
 Schueler, R. C. '46 (Celanese Corp). 512 E. Kenedy, Kingsville, Texas.
 Selle, J. B. '48 (Ohio Steel Fdry Co). 825 E. McCreight Ave., Springfield, Ohio.
 Senew, M. W. '39. 840 N. Central Park, Chicago, Ill.
 Shaw, R. C. '43 (Douglas Aircraft, Long Beach). 821 Garfield, Glendale, Calif.
 Sheep, Lloyd H. '48.
 Sherman, J. W. '37 (St. Joseph Lead Co). Box 6, Herculanum, Mo.
 Siegrist, F. L. '48. 103 Kipp, Hasbrouck Heights, N. J.
 Siemienas, J. B. '44. 717 E. 89th St., Chicago, Ill.
 Simmons, W. H. '40. 1750 Engr. Serv. Det. APO 407, c-o PM., New York.
 Simms, T. S. '40 (John Crerar Libr). PO Box 421, Bensenville, Ill.
 Simonian, M. N. '44. 665 S. Utica, Waukegan, Ill.
 Simpson, G. S. '43 (US Air Force, Wright Field). 545 Corona, Apt. B, Dayton, Ohio.
 Sinclair, G. M. '48. 321a Talbot Lab., Univ. of Ill.
 Sluetz, E. J. '47 (Caterpillar Tractor Co). 102 Knoxville Ct., Peoria, Ill.
 Smith, H. O. '39. 7949 Dobson, Chicago, Ill.
 Smith, Jonathan '47 (Sunbeam-Stewart, Ind Furnace Div). 310 Forest Ave., River Forest, Ill.
 Snyder, J. A. '37 (Remington Arms). 66 Stowe Ave., Wildermere Beach, Milford, Conn.
 Sorrentino, F. C. '47. RFD 2, Woodstock, Ill.
 Spencer, E. P. '47 (Nat'l Cylinder Gas Co). Apt. 3B, 1243 W. Byron, Chicago, Ill.
 Squarcy, C. M. '36 (Inland Steel Co). 4008 Catalpa, East Chicago, Ind.
 Stevens, R. B. '44. 6447 Eggleston, Chicago, Ill.
 Straesser, C. R. '46 (Caterpillar Tractor Co). 311 Behrends, Peoria, Ill.
 Stroker, R. C. '49. Barber-Coleman Co., Rockford, Ill.
 Stumpf, R. '42 (Keystar Castings Corp). 13016 Beachwood Ave., Cleveland, Ohio.
 Sullivan, James D. '44.
 Tikulski, L. D. '47 (Harrington & King Perforating Co). 542 N. Pine Ave., Chicago, Ill.
 Tisinai, G. F. '48 (Std Oil of Ind). 3532 W. Huron, Chicago, Ill.
 Tofft, Leonard '37 (Geneva Steel Co). 511 N. 1st St. West, Provo, Utah.
 Turner, H. C. '49. 209 Met. Lab., Univ. of Ill.
 Turnovsky, Otto '46 (Thor Corp). 2709 S. Highland, Berwyn, Ill.
 Ubben, J. E. '41. Emsco Derrick Equip., 7626 Denton Way, Dallas, Texas.
 Unal, Muammer, '49. Turkey.
 Utzinger, V. B. '49. 357 W. Main, Decatur, Ill.
 Van Pelt, R. H. '43 (Caterpillar Tractor Co). 604 Terrace Ct., Washington, Ill.
 Waisman, J. L. '40 (Douglas Aircraft, Santa Monica). 6450 Hazeltine, Van Nuys, Calif.
 Wall, L. N. '47 (Combustion Engr Co). 319 N. Boynton Terrace, Chattanooga, Tenn.
 Walter, R. C. '43. 1420 Drexel, Elmhurst Addn., Anderson, Ind.
 Walter, W. H. '39. 6343 S. Paulina Ave., Chicago, Ill.
 Weitzel, J. S. '40.
 Wensch, Glen W. '46. Box 1663, Los Alamos, N. M.
 Weymueller, C. R. '49. 918 Oakdale Ave., Chicago, Ill.
 Wilde, R. A. '40. Box 356, Vandergrift, Pa.
 Williams, F. S. '40. (Naval Air Exper Sta). 1515 Minnesota Rd., Camden, N. J.
 Willing, G. C. '49. 245 E. 150th, Harvey, Ill.
 Wishart, W. W. '46. 1329 Altgeld, South Bend, Ind.
 Wolin, Morris '47 Lindberg Engr Co). 1119 E. Hyde Park Blvd., Chicago, Ill.
 Zorn, A. S. '48 (Continental Can Co). 4046 N. Oriole, Chicago.
 Zuckerman, M. G. '49. 1327 W. North Shore, Chicago, Ill.

Department Enrollment Continues to Increase

The total college of engineering undergraduate enrollment has increased by a factor of almost five since the low point in 1944, as shown by enrollment figures for the first semester of the past six years:

Year	No.	Year	No.
1944	596	1947	3080
1945	932	1948	3097
1946	2088	1949	3008

The total engineering enrollment just about tripled itself in the first year after the end of the war, and since then enrollment on the campus has remained quite stable, although we have had quite large numbers of freshman and sophomore engineering students at the Galesburg and Navy Pier branches of the University.

The sudden upsurge in total student enrollment is reflected by the fact that many students who had been in ASTP and Navy programs in such curricula as civil, electrical, mechanical, and chemical engineering returned to the campus and matriculated in the courses they had previously been following under military sponsorship. The government did not sponsor curricula in mining or metallurgical engineering during the war years and our enrollment held to an absolute minimum.

No other department in the college of engineering has experienced the expansion in student enrollment since the war that this department has currently attained. An examination of the enrollment data given below shows an expansion by a factor of 16 for mining engineering and by a factor of greater than 9 in metallurgical engineering.

Year	Min.	Met.
1943-44	6	37
1944-45	9	13
1945-46	10	54
1946-47	20	70
1947-48	23	117
1948-49	57	106
1949-50	96	115

The highest enrollment in mining engineering prior to 1949 was in 1921 when 86 students were in the department. Within four or five years after 1923 the mining engineering enrollment dropped to some 22 students and in general the enrollment remained quite steady at 18 to 25 students for the next 20 years. We are all hopeful that the enrollment will not de-

BITS ABOUT 'EM

The department recently received word that Donald L. Anderson, Min. '41, has changed his location from the Univ. of Washington to Managua, Nicaragua. Donald has had previous experience since his graduation in the E. Malartic Gold Mine, Quebec, in the Canadian Army Engrs., in Nicaragua, and in the Couer d'Alene district.

Glen W. Wensch, '46, last August became the first candidate to receive a Ph.D. degree in metallurgy at the University. Glen held an Int. Nickel Co. fellowship, and his research was on recrystallization and coalescence phenomena in nickel. Glen is now associated with the Univ. of Calif. at Los Alamos, N. M. At this time, the department has seven candidates for the Ph.D. degree.

We appreciated cards from Chuck Boley, Min. '35, notifying us that Gene Mauck has been made general superintendent for Olga Coal Co., Cleveland, with mines in W. Va., and that Amzi Gossard, Min. '37, is now general

clerk as was experienced at the close of the first world war.

From the above totals, you will notice that there are 96 mining engineers and 115 metallurgical engineers for a total of 211 for this year. There are at least 86 more students in the department this year than has ever been experienced heretofore. This high student enrollment makes a new building for the department more imperative than ever before.

In addition to the undergraduate students, there are 14 graduate students, including 2 miners and 12 metallurgists.

These data will come as a surprise to a number of the older alumni of the department, and especially to those students who were in the department during the latter days of the war. We are hopeful that our student enrollment, both undergraduate and graduate, will continue to increase, and our alumni friends can be of great assistance in this direction if they will recommend this department to high school students and junior college students who may seek their advice. The department feels that for the present we should set our sights for 300 students in all the categories.

superintendent for properties of the Union Colliery Co.

Arnold P. Litman, Met. '46, has just completed work on his master's degree in industrial management at Georgia Tech. Before resuming his education, Arnie spent 20 months as metallographer for the Union Wire Rope Corp.

Stewart Sandberg, Met. '48, who received his master's degree in metallurgy at the end of the summer term, co-authored with Prof. Brucker a paper presented at the recent Metals Congress. Stewart handled the discussion with distinction and was warmly applauded for his efforts. Later in the week, he won a beryllium copper casting rod given away by the Superior Tube Co.

Among the visitors to the lab this fall were Jonathan Smith, Met. '47, now with the Sunbeam Corp., and Leland House, Met. '48, with Am. Rolling Mill at Middletown, O. Lee married the daughter of Dr. Beard, University health officer, and we see him quite often when he comes to Urbana to show off his children (now two) to their grandparents. Smitty was in town to see the Michigan game, and took time to check up on affairs and friends at the Met. Lab.

Prof. Walker has an inseparable companion these days in Jake, his hunting dog. Fortunately, Jake has a very pleasant disposition, but still visitors are inclined to maintain a friendly attitude when talking with Johnny.

STAFF (Con't from page 2) continuing his work toward the doctorate degree in Pittsburgh.

GLEN W. WENSCH, International Nickel Co. Fellow in Metallurgical Engineering. Glen received his B.S. in 1946, M.S. in 1947, and Ph.D. in 1949 at Illinois. Glen is now employed at the A.E.C. Laboratories in Los Alamos. Glen was in the department when the war began and, being a reserve officer, was soon called to duty. Later he was a fighter pilot out of England, and we remember when he wrote of his first combat flight and said he flew his Mustang in behind a group of heinies and started shooting, but forgot to throttle back, and practically flew through the formation.