

FACULTY BULLETIN

June 3, 1959

Carnegie Institute of Technology

CHARLES REINHARD FETTKE

One of the leading petroleum experts and retired Professor of Geology, Dr. Charles R. Fettke died on May 27 in Pittsburgh after a brief illness. At the time of his retirement in 1956, Dr. Fettke had served forty-three years on the Carnegie Tech faculty. Following retirement, he was a consultant for the New York State Natural Gas Company. He developed techniques to secure oil from wells that had ceased to produce naturally; this secondary recovery is used in 90 per cent of Pennsylvania's wells.

Dr. Fettke was born in 1888 in California. He received his BS from the University of Washington in 1910 and his advanced degrees, M.S. in 1911 and Ph.D. in 1914, from Columbia University. He is survived by his wife, the former Gail Virginia Sellers, a daughter, Virginia Dunn, and a brother, Herbert.

MAX SCHOEN

Dr. Max Schoen, noted author, teacher and retired Professor and Head of the Department of Psychology and Education at Tech, died Wednesday, May 28, at Nashville, Tennessee. Dr. Schoen had completed twenty-five years on the Carnegie Tech campus when he retired in 1947. After retirement, he was a visiting lecturer at Coe College, Iowa, and held a similar post at Fiske University in Nashville at his death.

Born in Austria in 1888, Dr. Schoen came to the United States in 1900 and was naturalized in 1918. He received his Bachelor of Arts degree in 1911 from the College of the City of New York and his Ph.D. in 1921 from the University of Iowa. He is survived by his wife, the former Rose Jacobs of Brooklyn and one daughter, Lillian Ruth.

COMMUNITY CALENDAR

June 3 - September 6

June 1-Sept 25 8:30 am-5 pm. Exhibit. Work by students in Painting, Design and Sculpture. Hewlett Gallery

June 5 12 noon. All grades due

June 8 8 pm. Baccalaureate Service. Carnegie Music Hall. President's Reception for candidates and their families follows. Foyer Carnegie Music Hall

June 9 10 am. Commencement. Mall (Rain Program is in effect if the American Flag is not flown after 8 am on Fine Arts flag pole. 2 pm. Syria Mosque).

June 13 10 am. ASEE registration for Tech and Pitt faculties. Pitt Student Union

June 14 3-5 pm. Tea for retiring staff. Carnegie Union

June 15-19 67th Annual Meeting of the American Society for Engineering Education. Co-hosts: Carnegie Tech and Pitt

June 15-19 Department of Home Economics. Workshop for public school lunch room managers

June 22 Registration for Six Week, Eight Week and Evening Summer Session

June 23-25 American Association of Cost Engineers. Host: Carnegie Tech

July Summer Institute for Advanced Placement Courses in English and history for the Pittsburgh high schools. Carnegie Tech

Aug 3 9 am. Six Week Summer Session grades due

Aug 17 9 am. Eight Week and Evening Summer Session grades due

Sept 7 Labor Day. Legal holiday

Sept 8-12 Freshman Orientation Week

Sept 14-15 Registration for Day Classes

Sept 16 8:30 am. Day Classes begin
Registration for Evening Classes

Oct 9-10 Fine Arts Symposium. Carnegie Tech

Nov 8-12 Convention. Association of University Evening Colleges. Co-hosts: Carnegie Tech and Pitt

SUMMER LIBRARY HOURS

From June 8 through September 15, the Main, Science, and Mathematics libraries will open Monday through Friday from 8:30 am. to 5 pm. Evening hours and Saturday schedules will resume with the fall academic semester on September 16.

Deviations in this schedule in the Engineering, Fine Arts, and Margaret Morrison libraries and SIA Reading Room will be posted in the Main Library and in each branch.

The next issue of the Faculty Bulletin will be published September 16. Material for this issue must be in the Office of the Editor (AH 127) by Friday, September 11.

AAUP ELECTIONS

The Carnegie Chapter of the American Association of University Professors met on May 21 and elected the following to office for the 1959-60 year:

President—Donald M. Goodfellow
Vice President—Doris Myers
Secretary—Marlow Sholander
Treasurer—George W. Hinman

OFFICIAL CALENDAR

The new Official Calendars (July 1, 1959, to September 30, 1960) are on sale in the Bookstore. Use the usual Bookstore requisition for official school use. Copies for personal use may be purchased for 20 cents each.

A correction should be noted. The Annual Open House will be held Tuesday, November 17, and not October 27 as printed.

PROFESSIONAL ACTIVITIES PUBLICATIONS

Civil Engineering—John J. Stewart with F. T. Mavis. "Further Tests of Dynamically Loaded Beams," *Journal of the American Concrete Institute* (May, 1959).

GSIA—Allan Newell and William C. Beal, R. L. Chapman, and John L. Kennedy. "The Systems Research Laboratory's Air Defense Experiments," *Management Science* (April, 1959).

Physics—F. E. Allison, "Review of the Theories Concerning Crater Formation;" F. L. Culp. "Volume-Energy Relations for Craters by High-Velocity Projectiles"; E. M. Pugh, "General Discussion of Methods for Producing High-Velocity Projectiles," *Proceedings of the Third Symposium of Hypervelocity Impact*, Vol. 1 (February, 1959), Armour Research Foundation. (Symposium was held in Chicago last October.)

Chemistry—W. H. Anderson, B. J. Zwolinski, and R. B. Carlin. "Hydrazine from Ammonia," *Industrial and Engineering Chemistry* 51 (1959).

Electrical Engineering—A. V. J. Martin. "Electronics in the Railway Industry," published in the last issue of *Electronic Industries*.

GSIA—David Granick. "The Problem of Pricing in Comparisons of International Ratios" will be published in *Soviet Studies*, July, 1959.

Chemistry—H. F. Hamka. "Relationship between Proton Shielding Constants and Electric Dipole Moments in the Hydrogen Halides," *Molecular Physics* 2 (1959); "Some Calculations on the Proton Magnetic Resonance Shift due to Hydrogen

Bonding of Ammonia Molecules" and "Nuclear Magnetic Shielding at Large Distances of a Hydrogen Atom in an Electrical Field," *Nuovo Cimento* 11 (1959).

Chemistry—L. Paoloni. "Nature of the Hydrogen Bond," *Journal of Chemical Physics* 30 (1959).

Chemistry—R. A. Rightmire, J. K. Simanton, and T. P. Kohman. "Disintegration Scheme of Long-live Aluminum-26," *Physics Review* 113 (1959).

SPEAKING

Merton Miller, GSIA, spoke at the Economic Seminar of the University of Buffalo in February. His subject: "Dividend Policy and the Theory of Stock Prices."

G. L. Bach, GSIA, gave the commencement address for the Program for Executives at the University of North Carolina, April 10. He spoke on "Inflation and the Businessman." April 9, before the combined faculty seminars of the University of North Carolina and Duke University, he spoke about "New Developments in Business Administration." May 6, Dean Bach led the panel discussion, "The Role of Mathematics in Education for Business," at the annual meeting of the American Association of Collegiate Schools of Business in Miami.

Kenneth R. Burchard, Printing Management, was a member of the panel discussing "Recruitment of Supervisory Personnel" at the Third Annual Invitational Conference of the Education Council of the Graphics Arts Industry, May 4. His article, "Opportunities in Management in Graphic Arts; and How One Educational Institution is Preparing Young People To Take Advantage of Them," was published by the Education Council (Washington, D. C.) for the use of the Conference at its Detroit meeting.

Margaret LeClair, MMCC, spoke to the Pittsburgh Women's Clan, May 16, on "Laughter in Rhyme." The occasion was a luncheon at the College Club celebrating the Clan's golden anniversary.

Emanuel Salgaller, Modern Languages, served on a panel for a discussion of Pasternak's *Dr. Zhivago*, offered by the Educational Center of the YM-YWHA, May 18.

In April, Myron Joseph, GSIA, spoke to the Pittsburgh Ethical Society on "The Modern Worker and Society." In May, Mr. Joseph addressed the Roving Roundtable of the Unitarian Church on "Background for the Steel Negotiations."

On May 11, Richard H. Willis, GSIA, presented a talk, "Some Recent Developments in Attitude Measurement," at a Colloquium of the Psychology Department at the University of Colorado.

Gilbert J. Mains, Chemistry, lectured on "Solvent Quenching in Photochemistry" at the Murray Hill Bell Telephone Laboratories, May 7.

Robert B. Carlin, Chemistry, attended the meeting of the American Chemical Society held in Boston, April 5-10. Dr. Carlin presented a paper, co-authored with Meade J. Moores, on "Evidence of a 1,4-Methyl Migration during a Fisher Reaction" which is now published in the *Journal of the American Chemical Society* 81.

Richard H. Lindley, Psychology and Education, presented a paper, "Association Value and Familiarity in Serial Verbal Learning," at the Midwestern Psychological Association in Chicago, May 9.

E. L. Boyer, Physical Education, was the main speaker for the Sunday Night Supper Club at the Oakland Baptist Church, May 3. His subject: "Physical Fitness for Professional Business Personnel."

John R. Coleman, GSIA, addressed the Economic Club of Pittsburgh, May 18, on the subject, "Exploding Some Economic Myths."

June 11-12, David Granick, GSIA, will be a discussant in the session on Growth, Russia and Planning at a Pittsburgh meeting of the Association of Pennsylvania Economists. June 15, during the ASEE meetings, he will address the Engineering Economy Division on "Investment Criteria in the Soviet Union." In March, Dr. Granick spoke to the Industrial College of the Armed Forces (Washington, D. C.) on "The Interrelationship of the Economies of the Communist Bloc Nations."

Members of the Physics Department presented papers at the Western Pennsylvania Section of the American Association of Physics Teachers held at Allegheny College, May 9. Charles Williamson, "A Regulated Power Supply with Error Compensation"; Walter I. Goldberg, "Demonstration of an Easily Constructed Nuclear Magnetic Resonance Spectrometer;" G. W. Hinman, "Medical Applications of Nuclear Physics;" G. B. Yodh, "Physics in India;" L. George Lang, "A Study of the Velocities of Conduction Electrons by Means of Positron Annihilation;" and D. A. Wiegand, "Imperfections in Solids." Sergio DeBenedetti has served as Secretary to the Western Pennsylvania Section during this academic year.

Truman P. Kohman, Chemistry, spoke at the Carrick High School Careers Conference, April 30, on "Science as a Career." He also lectured at the advanced chemistry course at Peabody High School, May 11, on "Radiochemistry."

F. D. Rossini, Chemistry, will present a paper by himself and B. J. Mair, Chemistry, at the Fifth World Petroleum Congress at New York City, June 1-5. Its title: "The Work of the API Research Project 6 on the Composition of Petroleum." This month, Dr. Rossini addressed St. Louis University's Chemistry Department on "Hydrocarbons in Petroleum."

Roger M. Wortman, Physics, gave a talk, "The Field and Ion Emission Microscopes as Tools for the Study of Surfaces," at the May 22 meeting of the Pittsburgh Section of the Electrochemical Society. The meeting, held at U. S. Steel's Research Center in Monroeville, was a Bicentennial Event.

In March, Kalman J. Cohen, GSIA, presented a seminar, "A Computer Model of the Shoe, Leather, Hide Sequence," to Purdue University's Department of Industrial Economics and its School of Industrial Management.

Albert Ando and Franco Modigliani, GSIA, presented their paper, "Tests of Some Recent Theories of Saving Behavior from BLS-Wharton Survey Data," at the Conference on Consumption and Saving, held at the Wharton School of the University of Pennsylvania, March 31.

EXHIBITS, PERFORMANCES, GRANTS, OTHER

Margaret Alexander, Melva Bakkie, and Audrey Mick, Home Economics, and Duane Maunder, Biological Sciences, are the committee planning the June workshop for public school lunch managers. The program features utilizing federal surplus foods, cost accounting, and effective supervisory methods.

William Hutchinson, Industrial Liaison, resigned May 16 to take another position with the Aluminum Company of America.

A \$70,000 grant from the U. S. Department of Health, Education and Welfare has established five fellowships for a three-year doctoral program in the Science of Materials. The program will be conducted in the civil, electrical and mechanical engineering departments.

CARNEGIE DIRECTORY

CORRECTIONS

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RESIGNATIONS

HUTCHINSON, William M., Jr.
Industrial Liaison Officer