

Overbeck, professor of physics at Northwestern University, was named president-elect. The Association re-elected Prof. Frank Verbrugge (University of Minnesota) as secretary, Prof. Francis W. Sears (Dartmouth College) as treasurer, and Prof. Thomas H. Osgood (Michigan State University) as editor. Prof. H. Victor Neher (California Institute of Technology) succeeds Prof. Vernon L. Bollman (Occidental College) as a member of the executive committee.

The Division of High-Polymer Physics of the American Physical Society has elected the following officers for 1957: Arthur M. Bueche (chairman), Robert Simha (vice chairman), and W. J. Lyons (secretary-treasurer, re-elected). Bruno H. Zimm was elected and Dr. Lyons re-elected to three-year terms on the Executive Committee of the Division.

Summer Programs

Teacher-training programs sponsored by the National Science Foundation at summer institutes in 95 colleges and universities throughout the United States and its Territories will benefit some 4500 high school and 250 college teachers of science and mathematics during the summer of 1957. Eighty-six of the institutes will be open only to high school teachers; four will be open both to high school and college teachers, and five to college teachers only. Six institutes offering a course in radiation biology only for high school teachers are being jointly sponsored by the Foundation and the Atomic Energy Commission.

Congress earmarked \$9.5 million of its 1957 fiscal year appropriation to the Foundation for the supplementary training of high school science and mathematics teachers. This year's summer institutes program, supported by NSF grants totaling \$4.8 million, is in addition to grants amounting to more than \$4 million to support academic-year institutes for some 750 high school science and mathematics teachers at sixteen educational institutions.

NSF grants to each summer institute will cover costs of tuition and other fees for a specified number of teachers—from 10 to 200, the average size to be approximately 50. Most institutes will pay stipends directly to participating teachers at the rate of \$75 per week. Additional allowances for dependents to a maximum of four and for travel are provided.

Applications to participate in the summer institute program must be submitted by April 1, 1957, to directors of the individual institutes. The following institutes are offering programs for high school physics teachers. Unless otherwise indicated, the director (listed in parentheses) is located at the host institution.

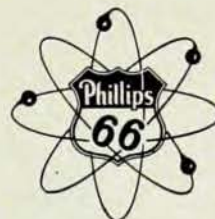
Allegheny College, Meadville, Pa., July 1–August 23, (R. E. Bugbee, Dept. of Biology)

American University, Washington, D. C., June 24–August 16, (Leo Schubert, Dept. of Chemistry)

Arizona State College, Flagstaff, Ariz., June 17–August 9, (Junia E. McAlister, Dept. of Chemistry)

REACTORS— CRITICAL FACILITIES

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Provisions will be made to give course work and on-the-job training in reactor physics to inexperienced men with advanced background in mathematics and physics who desire to work in reactor physics.

Idaho is unrivalled as a center for outdoor recreation in an area free from metropolitan congestion. Idaho Falls, where 70% of our 1300 employees in the Division live, is a fine progressive city of 26,000 population. Its schools and other cultural facilities to meet family needs are well above average.

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- Atlanta University, Atlanta, Ga., June 10-August 9, (K. A. Huggins, Dept. of Chemistry)
- Baylor University, Waco, Texas, June 3-July 26, (B. C. Brown, Dept. of Biology)
- Bucknell University, Lewisburg, Pa., July 3-August 16, (Lester Kieft, Dept. of Chemistry)
- Clarkson College of Technology, Potsdam, N. Y., July 8-August 26, (F. G. Lindsey)
- Colorado College, Colorado Springs, Colo., June 16-August 10, (L. N. Pino, Cutler Hall)
- Duke University, Durham, N. C., June 11-August 10, (W. M. Nielsen, Dept. of Physics)
- Iowa State College, Ames, Iowa, June 17-July 26, (J. A. Greenlee, Off., Dean of Science)
- Kansas State Teachers College, Emporia, Kan., June 3-July 13, (W. N. Baker, Dept. of Biology)
- Louisiana State University, Baton Rouge, La., June 6-August 10, (H. B. Williams, Dept. of Chemistry)
- Marshall College, Huntington, W. Va., June 3-July 12, July 15-August 23, (D. C. Martin, Dept. of Physics)
- Michigan State University, East Lansing, Mich., June 24-August 2, (F. B. Dutton, Dept. of Chemistry)
- Morgan State College, Baltimore, Md., June 17-August 9, (T. P. Fraser, Dept. of Science Education)
- Murray State College, Murray, Ky., June 10-August 2, (A. M. Wolfson, College Station)
- North Carolina College, Durham, N. C., June 10-July 17, (W. H. Robinson, Dept. of Physics)
- Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn., July 29-August 23, (R. T. Overman, P. O. Box 117)
- Ohio University, Athens, Ohio, July 1-August 10, (Gilford Crowell)
- Ohio Wesleyan University, Delaware, Ohio, June 17-August 10, (H. N. Maxwell, Dept. of Physics)
- Oklahoma A & M College, Stillwater, Okla., June 3-August 3, (J. H. Zant, Dept. of Mathematics)
- Rensselaer Polytechnic Institute, Troy, N. Y., July 1-August 24, (E. B. Allen, Carnegie Bldg.)
- San Jose State College, San Jose, Calif., June 24-August 2, (Wilbur Sprain, Physical Science Dept.)
- South Dakota State College, Brookings, S. Dak., June 11-August 3, (K. E. Howard, Dept. of Chemistry)
- Southern Methodist University, Dallas, Tex., June 5-July 20, (J. P. Harris, Dept. of Biology)
- Stephen F. Austin State College, Nacogdoches, Tex., June 5-July 17, (H. E. Abbott, Dept. of Chemistry)
- Syracuse University, Syracuse, N. Y., July 1-August 9, (A. T. Collette, Lyman Hall)
- University of Alabama, University, Ala., June 10-July 20, (C. K. Arey, Dept. of Education)
- University of Alaska, College, Alaska, June 10-August 9, (W. K. Keller)
- University of Arizona, Tucson, Ariz., June 10-July 13, (M. G. Seeley, Dept. of Chemistry)
- University of Arkansas, Fayetteville, Ark., June 3-July 12, July 15-August 23, (L. F. Bailey, Dept. of Botany)
- University of California, Berkeley, Calif., June 17-August 9, (T. N. Barrows, University Extension)
- University of California, Los Angeles, Calif., June 24-August 2, (W. G. Young, Dept. of Chemistry)
- University of Hawaii, Honolulu, Hawaii, June 20-August 14, (J. J. Naughton, Dept. of Chemistry)
- University of Idaho, Moscow, Idaho, June 17-August 10, (W. H. Cone, Physical Science Dept.)
- University of Maryland, College Park, Md., June 24-August 2, (G. W. Wharton, Dept. of Zoology)

University of Minnesota, Duluth, Minn., June 17-July 19, (W. R. McEwen)

University of Minnesota, Minneapolis, Minn., June 17-August 3, (J. W. Buchta, 225 Johnston Hall)

University of Mississippi, University, Miss., June 3-August 16, (D. R. Hutcherson, Graduate School)

University of Missouri, Columbia, Mo., June 10-August 3, (W. J. Dale, Dept. of Chemistry)

University of North Carolina, Chapel Hill, N. C., June 6-July 19, (E. A. Cameron, Dept. of Mathematics)

University of North Dakota, Grand Forks, N. Dak., June 17-August 9, (J. D. Henderson, Dept. of Physics)

University of Pennsylvania, Philadelphia, Pa., June 24-August 3, (P. E. Jacob, 116 College Hall, Summer School)

University of South Dakota, Vermillion, S. Dak., June 10-August 2, (C. R. Estee, Box 57, University Exchange)

University of Texas, Austin, Tex., June 10-July 19, (R. C. Anderson, Dept. of Chemistry)

University of Wyoming, Laramie, Wyo., June 10-August 16, (R. J. Bessey, Dept. of Physics)

Virginia Polytechnic Institute, Blacksburg, Va., June 12-August 7, (T. M. Hahn, Jr., Dept. of Physics)

Wesleyan University, Middletown, Conn., July 1-August 13, (R. A. Gortner, Jr., Chanklin Lab of Biology)

Western Michigan College, Kalamazoo, Mich., June 24-August 16, (G. G. Mallison, Dean, School of Graduate Studies)

University of Vermont, Burlington, Vt., June 24-August 17, (N. L. Walbridge, Dept. of Physics)

Worcester Polytechnic Institute, Worcester, Mass., July 1-August 10, (R. F. Morton, Dept. of Physics)

University of Washington, Seattle, Wash., June 24-August 23, (for both high school and college teachers of physics, R. W. Kenworthy)

Massachusetts Institute of Technology has announced a Special Summer Program on Noise Reduction to be conducted under the direction of Leo L. Beranek. The program, "directed toward the man with a noise problem, rather than toward noise experts", comprises two one-week units. From August 12-16, fundamentals of noise reduction will be taught, and from August 19-23, new advances in the science of noise control will be featured. Students may attend either or both of the weeks. For further information write to the Director of the Summer Session, Massachusetts Institute of Technology, Cambridge 39, Mass.

Grants and Fellowships

The Department of Physics and Astronomy at The Ohio State University is offering three post-doctoral fellowships in molecular spectroscopy. Each will carry a stipend of about \$4500-\$5500 for a twelve-month period with one month's vacation. Applications should be submitted to Prof. Harald H. Nielsen, Chairman, Department of Physics and Astronomy, The Ohio State University, Columbus 10, Ohio.

Oak Ridge Institute of Nuclear Studies has received a National Science Foundation grant of \$115 800 to carry out an expanded Traveling Science Demonstration Lecture Program for 1957-58. The program for the current year has been limited to seven "traveling sci-

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