

Meetings and Societies

Roles for Senior Physiologists

Roles for senior physiologists was the topic discussed at a special session of the meeting of the American Physiological Society, held at the State University of Iowa, from 4 to 6 September. As chairman of the society's Committee on Placement of Senior Physiologists, I presided and reviewed recent events pertinent to the topic. Last January the other members of the committee joined me in seeking the advice of 175 senior members of the society. We asked them what forms of professional activity best utilize the capabilities of senior physiologists. The speakers at the special session dealt with some of the topics emphasized by the 82 members who responded to our inquiry.

Are there teaching opportunities in colleges for retired physiologists? E. A. Hewitt (Iowa State College) explored this question through an inquiry addressed to 24 Iowa colleges. While the majority of the 23 replies were unfavorable, six colleges opened the door to this possibility by expressing willingness to consider hiring retired physiologists for teaching or research. Horace W. Davenport, head of the department of physiology at the University of Michigan, discussed opportunities for professors to continue research after becoming professors emeritus. He described the practice at a few institutions and pointed out some of the difficulties "well-known to us all" that prevent establishment of a rigid policy.

Fred R. Griffith, Jr. (professor emeritus, University of Buffalo) had prepared a survey of retirement policies in medical schools. Griffith was unable to present his paper; in his absence his findings were presented by W. F. Hamilton. From 81 replies to 94 inquiries, the following facts emerged: 7 percent have no retirement plan or do not enforce one; 27 percent have retirement at age 70 or options making this mandatory; 16 percent have retirement at age 68 or options making this mandatory; 7 percent have retirement at age 67 or options making this mandatory; and 45 percent have retirement at age 65. Space and support are provided for those who desire them

in many cases, although allocation of space may be left to the new head of the department, and support may depend on getting grants from outside sources. In some cases it is expected that the retired professor will move to another department. In a few cases neither space nor support is provided.

T. L. Patterson spoke on research opportunities in marine biological laboratories. For those retired physiologists who have suitable research interests, many such laboratories have ample unused research facilities for nine months of the year.

Until recently the U.S. State Department has had a science attaché at a few of the major embassies. W. H. Forbes, the last physiologist holding such an appointment, described what was expected of him. The job requires wide scientific knowledge, tolerance, understanding of human nature, ability to speak the language, scientific integrity, and ability to make friends. Forbes urged that a strong Washington office be set up by the State Department, that attachés be appointed for two years, and that there be two scientists at each of six or eight posts, with appointments staggered to give a one-year overlap.

It had been hoped that James A. Shannon (National Institutes of Health) would discuss opportunities offered senior scientists by the Government. In his telegram explaining his inability to attend he emphasized two points: (i) There is an established pattern in the Government, wherein senior scientists have served in the past, and will continue to serve, as senior scientific advisers. The number of these positions is limited, but the service these individuals render is invaluable. (ii) Public Health Service grant funds are available for support of senior scientists. As in the past, the Public Health Service will accept research grant applications from individuals beyond the age of formal retirement from their academic posts. The university concerned must support the application and provide adequate physical facilities for the program. Such a research grant can contain the salary of the principal investigator to the extent that the total salary derived from retirement income and the

research grant is equivalent to that of a comparable full-time research worker.

Charles C. Chapple (U.S. Veterans Administration) expressed his interest in the session in a letter which read, in part: "Each Veterans Administration Hospital is autonomous in its selection of employees and consultants, and on this account interested individuals should apply directly to the manager of the hospital of his choice. Interested individuals can write the Assistant Chief Medical Director for Research and Education for information about the type of research going on in any particular hospital as a preliminary step if any would care to do so, or the applicant can, of course, learn this by calling personally on the hospital manager. There are research laboratories in all the hospitals affiliated with medical schools and in many of those which are not. The interests in these hospitals vary widely, but in many there is need for assistance in physiology, pharmacology, and biochemistry in particular."

Nearly 12,000 retired college and university faculty members are listed in a registry maintained by Constantine Panunzio. It includes many scientists, including a few physiologists. He has had good success in placing retired scientists, mathematicians, and engineers. His address is Dr. Constantine Panunzio, Director, Emeriti Employment Registry, Box 24451, Los Angeles 24, California.

The autumn, 1957, issue of the *AAUP Register* announces that there will soon be set up, in Washington, D.C., a registry of retired faculty members: "The Ford Foundation, on July 1, 1957, made a grant of \$205,000 to the American Association of University Professors and the Association of American Colleges for the establishment and administration, during a five-year period, of a national register of retired college and university faculty members available for academic positions. The Council, in November 1955, had approved sponsorship of such a register by the American Association of University Professors (*Bulletin*, Vol. 42, p. 183), and the two Associations later submitted a joint proposal to the Fund for the Advancement of Education, established by the Ford Foundation, for such a register as a service to higher education in a time of growing need for faculty personnel."

The 82 physiologists who replied to our original inquiry made many penetrating and wise comments. The following paragraphs, quoted from A. N. Richards' reply, sum up the thoughts of many: "Provision for useful and satisfying post-retirement years for a scientist is a highly individual matter and can be settled satisfactorily only with a background of intimate knowledge of the human and scientific make-up of departments in

which he might hope to find productive happiness. It seems to be the almost universal aim of foundations, private and governmental, to discover and promote youthful promise. To discover and promote senescent ability and promise doesn't offer much allure. But, if young scientists, thoughtful about their long future, and obliged to witness their older models cast up on the beach, long before they have the privilege of dying, recruitment of some of the good young minds may meet interference.

"It seems to me that, connected with any of the three suggestions you have put forward, or the vague and probably unfeasible thoughts which I have tried to express, there must be escape clauses, admittedly difficult to implement or even visualize—escape for the man; escape for the institution."

Finally, President Louis Katz congratulated the members of the committee and the participants in the session. During his tour as president-elect, he said, many physiologists had expressed to him their appreciation of the activities of the committee; it has helped some physiologists and it has strengthened physiology.

D. B. DILL

Joppa, Maryland

Geriatrics Symposium

An informal symposium on problems of geriatrics will be held in New York, 31 January–1 February, under the auspices of the Institute of the Geriatric Institute of the Daughters of Jacob and Johns Hopkins University. The topics for discussion will be lipid metabolism, metabolic role of B_{12} analogues, and absorption of nutrients in general. For further information, communicate with Dr. Bacon F. Chow, Department of Biochemistry, School of Hygiene and Public Health, Johns Hopkins University, Baltimore 5, Md.

Vitamin B_{12} Symposium

A symposium on Vitamin B_{12} will be held on 11 April at the New York Medical College under the sponsorship of the Society for the Study of Blood. Those interested in taking part in the program should submit a manuscript or abstract to the secretary, Dr. Janet Watson, 451 Clarkson Ave., Brooklyn 3, N.Y.

College-Industry Conference

"New Concepts in the Education and Development of Technical Manpower" is the theme of the 1958 College-Industry Conference of the American Society

for Engineering Education which will be held at the University of Michigan 30–31 January. Five speakers are scheduled to present the new concepts arising from current research, and four others will describe new programs designed by their companies to utilize new concepts of professional development. For information, write to Prof. William McIlvaine, College of Engineering, University of Michigan, Ann Arbor.

Society Elections

■ American Society for the Study of Arteriosclerosis: pres., R. Gordon Gould, Los Alamos, N.M.; vice pres., J. C. Patterson, London, Ont., Canada; sec.-treas., O. J. Pollak, Dover, Del.

■ Institute of the Aeronautical Sciences: pres., Edward C. Wells, Boeing Airplane Co. The vice presidents are: B. W. Chidlaw, Neil Burgess, L. Eugene Root, and H. Guyford Stever; treas., R. Dixon Speas; sec., Robert R. Dexter.

■ New York Academy of Sciences: pres., Boris Pregel, Canadian Radium and Uranium Corp.; pres.-elect, Hilary Koprowski, University of Pennsylvania. The vice presidents are M. J. Kopac, New York University Graduate School, and Cornelius P. Rhoads, Memorial Center for Cancer and Allied Diseases; cor. sec., Frederick C. Nachod, Sterling-Winthrop Research Institute; rec. sec., Emerson Day, Strang Memorial Clinic for Cancer Research; treas., Robert F. Light, Standard Brands, Inc.

■ Society of American Foresters: pres., George A. Garratt, Yale University; vice pres., Henry J. Malsberger, Southern Pulpwood Conservation Society.

■ New Jersey Academy of Science: pres., Robert K. Zuck, Drew University; 1st vice pres., James H. Leathem, State University of New Jersey; 2nd vice pres., M. Lelyn Branin, Newark College of Engineering; sec., Hirsch L. Silverman, Nutley Public Schools; treas., Courtlandt J. Daley, Cranford Senior High School.

Forthcoming Events

January

30–31. Mathematical Assoc. of America, annual, Cincinnati, Ohio. (H. M. Gehman, Univ. of Buffalo, Buffalo 14, N.Y.)

30–1. American Assoc. of Physics Teachers, New York. (F. Verbrugge, Univ. of Minnesota, Minneapolis.)

30–1. Western Soc. for Clinical Research, 11th annual, Carmel-by-the-Sea, Calif. (A. J. Seaman, Univ. of Oregon Medical School, Portland 1.)

31–1. Problems of Geriatrics, symp. (by invitation only), New York. (B. F. Chow, Johns Hopkins Univ., School of Hygiene and Public Health, 615 N. Wolfe St., Baltimore 5, Md.)

February

1–14. Pan American Assoc. of Ophthalmology, Caribbean cruise cong., sailing from New York, N.Y. (L. V. Arnold, 33 Washington Sq. W., New York 11.)

3–4. Progress and Trends in Chemical and Petroleum Instrumentation, Wilmington, Del. (H. S. Kindler, Instrument Soc. of America, 313 Sixth Ave., Pittsburgh 22, Pa.)

3–7. American Inst. of Electrical Engineers, winter genl., New York, N.Y. (N. S. Hibshman, AIEE, 33 W. 39 St., New York 18.)

5–7. Biophysical Soc., Cambridge, Mass. (A. K. Solomon, Biophysical Lab., Harvard Medical School, Boston, Mass.)

10–14. American Soc. for Testing Materials, St. Louis, Mo. (F. F. Van Atta, ASTM, 1916 Race St., Philadelphia 3, Pa.)

13–15. National Soc. of Professional Engineers, spring, East Lansing, Mich. (NSPE, 2029 K St., NW, Washington 6.)

16–20. American Inst. of Mining, Metallurgical and Petroleum Engineers, annual, New York. (E. O. Kirkendall, AIME, 29 W. 39 St., New York 18.)

20–21. Transistor and Solid State Circuits Conf., Philadelphia, Pa. (J. H. Milligan, Jr., Dept. of Electrical Engr., New York Univ., New York 53.)

22–25. American Educational Research Assoc., St. Louis, Mo. (F. W. Hubbard, AERA, 1201 16th St., NW, Washington 6.)

24–28. American Soc. of Civil Engineers, Chicago, Ill. (W. W. Wisely, ASCE, 33 W. 39 St., New York 18.)

March

1. Junior Solar Symposium, Tempe, Ariz. (Association for Applied Solar Energy, 3424 N. Central Ave., Phoenix, Ariz.)

1–3. National Wildlife Federation, St. Louis, Mo. (E. F. Swift, NWF, 232 Carroll St., NW, Washington 12.)

3. Wildlife Soc., annual, St. Louis, Mo. (D. L. Leedy, U.S. Fish and Wildlife Service, Washington 25.)

5–6. Gas Conditioning Conf., 7th annual, Norman, Okla. (M. L. Powers, Extension Div., Univ. of Oklahoma, Norman.)

6–8. Fundamental Cancer Research, 12th annual, Houston, Tex. (W. K. Sinclair, M. D. Anderson Hospital and Tumor Inst., Univ. of Texas, Houston 25.)

6–8. Optical Soc. of America, annual, New York. (A. C. Hardy, Massachusetts Inst. of Technology, Cambridge 39.)

10–13. American Assoc. of Petroleum Geologists, annual, Los Angeles, Calif. (R. H. Dott, AAPG, Box 979, Tulsa 1, Okla.)

10–13. Society of Economic Paleontologists and Mineralogists, annual, Los Angeles, Calif. (R. H. Dott, Box 979, Tulsa, Okla.)

16–21. Nuclear Engineering and Sci-

ence Cong., Chicago, Ill. (D. I. Cooper, *Nucleonics*, 330 W. 42 St., New York.)

17-21. National Assoc. of Corrosion Engineers, 14th annual, San Francisco, Calif. (NACE, Southern Standard Bldg., Houston 2, Tex.)

18-20. Amino Acids and Peptides, Ciba Foundation symp. (by invitation), London, England. (G. E. W. Wolstenholme, 41 Portland Pl., London, W.1.)

20-22. Michigan Acad. of Science, Arts and Letters, annual, Ann Arbor, (R. F. Haugh, Dept. of English, Univ. of Michigan, Ann Arbor.)

20-22. Pulmonary Circulation Conf., Chicago, Ill. (Wright Adams, Chicago Heart Assoc., 69 W. Washington St., Chicago 2.)

20-23. International Assoc. for Dental Research, annual, Detroit, Mich. (D. Y. Burrill, Univ. of Louisville, School of Dentistry, 129 E. Broadway, Louisville 2, Ky.)

23-26. American Assoc. of Dental Schools, annual, Detroit, Mich. (M. W. McCrea, 42 S. Greene St., Baltimore 1, Md.)

23-29. American Soc. of Photogrammetry, 24th annual, jointly with American Cong. on Surveying and Mapping, 18th annual, Washington, D.C. (C. E. Palmer, ASP, 1515 Massachusetts Ave., NW, Washington 5.)

24-27. Institute of Radio Engineers, natl. conv., New York. (G. W. Bailey, IRE, 1 E. 79 St., New York 21.)

27-29. National Science Teachers Assoc., 6th natl., Denver, Colo. (R. H. Carleton, NSTA, 1201 16 St., NW, Washington 6.)

29. South Carolina Acad. of Science, annual, Charleston. (Miss M. Hess, Dept. of Biology, Winthrop College, Clemson, S.C.)

29-30. American Psychosomatic Soc., 15th annual, Cincinnati, Ohio. (T. Lidz, 551 Madison Ave., New York 22.)

30-3. American College Personnel Assoc., annual, St. Louis, Mo. (L. Riggs, DePauw Univ., Greencastle, Ind.)

April

1-3. Corrosion Control, 5th annual conf., Norman, Okla. (M. L. Powers, Extension Div., Univ. of Oklahoma, Norman.)

2-4. American Assoc. of Anatomists, annual, Buffalo, N.Y. (L. B. Flexner, Dept. of Anatomy, School of Medicine, Univ. of Pennsylvania, Philadelphia 4.)

2-4. Instruments and Regulators Conf., Newark, Del. (W. E. Vannah, Control Engineering, 330 W. 42 St., New York 36.)

4-5. Southern Soc. for Philosophy and Psychology, annual, Nashville, Tenn. (W. B. Webb, U.S. Naval School of Aviation Medicine, Pensacola, Fla.)

7-11. American Assoc. of Cereal Chemists, annual, Cincinnati, Ohio. (J. W. Pence, Western Utilization Research Laboratories, Albany, Calif.)

8-10. Electronic Waveguides Symp., New York. (J. Fox, Microwave Research Inst., Polytechnic Inst. of Brooklyn, 55 Johnson St., Brooklyn 1, N.Y.)

9-12. National Council of Teachers of Mathematics, Cleveland, Ohio. (M. H. Ahrendt, NCTM, 1201 16 St., NW, Washington 6.)

9-14. Applied Psychology, 13th internatl. cong., Rome, Italy. (L. Meschieri, National Inst. of Psychology, Rome.)

10-11. American Inst. of Chemists, annual, Los Angeles, Calif. (L. Van Doren, AIC, 60 E. 42 St., New York 17.)

10-12. National Speleological Soc., annual, Gatlinburg, Tenn. (G. W. Moore, Geology Dept., Yale Univ., New Haven, Conn.)

10-12. Ohio Acad. of Science, annual, Akron, Ohio. (G. W. Burns, Dept. of Botany, Ohio Wesleyan Univ., Delaware, Ohio.)

11. Vitamin B-12 Symp., New York, N.Y. (Miss J. Watson, 451 Clarkson Ave., Brooklyn 3, N.Y.)

11-12. Eastern Psychological Assoc., annual, Philadelphia, Pa. (G. Lane, Dept. of Psychology, University of Delaware, Newark.)

11-18. Horticultural Cong., 15th internatl., Nice, France. (Secretariat General, 84, rue de Grenelle, Paris 7^e, France.)

13-14. American Soc. for Artificial Internal Organs, Philadelphia, Pa. (G. Schreiner, Georgetown Univ. Hospital, Washington 7.)

13-18. American Chemical Soc., 133rd, San Francisco, Calif. (R. M. Warren, ACS, 1155 16 St., NW, Washington 6.)

13-19. Federation of American Societies for Experimental Biology, annual, Philadelphia, Pa. (M. O. Lee, FASEB, 9650 Wisconsin Ave., Bethesda 14, Md.)

(See issue of 20 December for comprehensive list)

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