trained to study specific animal disease problems using the comparative method and emphasizing comparison to the human.

Another need is training through fellowships to provide interim post-doctoral training at medical research institutions for veterinarians, psychologists, and zoologists, and to induce thorough study methods and laboratory procedures used in human medicine and duplicated in animal disease research. Such training would provide a better appreciation of animal diseases that are potentially important to human health research, and how they might be adapted to human health research methods.

Special fellowships should be made available for physicians to work in veterinary schools, zoological parks, or animal colonies to learn the clinical and pathological aspects of animal disease. Behavioral scientists working in medical research programs would then become familiar with the impact of various behavioral problems on diseased conditions developing in animals.

Integrated programs in which the joint research efforts between those trained in animal disease and those trained in human medicine must be developed. The appointment of full-time investigators using the comparative method to study animal disease models is strongly recommended. Such joint research could take place between medical schools and zoological parks, between veterinary schools and medical schools, or between any institutions conducting research in human health and having access to a large animal population, properly trained veterinary pathologists, and other animal health specialists. Many existing resources of animal disease material are not utilized to full capacity for contributing to comparative medicine.

Support for specific studies of the physiology of adaptation, the effects of environment on animal health, the interrelationship between diseases and the interrelationship between behavior and disease are also recommended.

WILLIAM I. GAY
National Institute of General Medical Sciences, National Institutes of Health, Bethesda, Maryland 20014

References
3. Comparative Medicine in Transition (Univ. of Michigan School of Public Health, Ann Arbor, 1958).

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Animal Variety, Lawrence S. Dillon, Brown, Dubuque, Iowa, 1967. x + 180 pp., illus. Paper, $2.25.


Collection of Organic Chemistry Problems. John D. Roberts and Marjorie C.
Caserio, Benjamin, New York, 1967. x + 324 pp., illus. Paper, $3.95.


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