

future academic physicians

## 9 Training as Surgery Scholars

Many boys dream of becoming a doctor and setting up private practice in their own hometown.

And many fulfill that dream.

But others, like Duke's participants in the Scholars in Academic Surgery Program, choose another important realm of medicine—one in an academic community.

These nine men, after six or seven years of special preparation with the Department of Surgery, will combine careers in research and teaching with clinical surgery practice.

Duke was one of several United States colleges chosen to participate in a pilot project to train these doctor-researchers in 1963 under the auspices of the Public Health Service. The PHS Division of General Medical Sciences extended and expanded the grant in 1966.

The first graduate of the program will finish in June. Two more students enter each fall.

Following internship, candidates selected for the program are assigned one year of junior assistant residency. During this year the scholars participate in two-month rotations through general and thoracic surgery as well as the surgical specialties of orthopaedics, neurosurgery, plastic surgery, otolaryngology, urology and anesthesia.

Four years of training in clinical surgery as senior residents and two years of individual clinical investigation follow. Each of the scholars receives his clinical training as part of Duke's regular surgical residency program. The two years of research, however, are planned around the individual's special interest areas.

"This program provides a new concentration in basic science as related to clinical research," Dr. David C. Sabiston, Jr., chairman of the Department of Surgery, said. "There is an increasing need in surgery for more advanced training in fundamental research techniques."

Participants appreciate the research feature.

"This new idea in medicine provides facilities and learning experiences for a select group of students specifically interested in combining research with clinical practice and teaching," Dr. Brack G. Hattler, who will complete the program next summer, said.

Dr. Hattler, who is also finishing a Ph. D. degree in immunology, commended the close liaison with members of the basic science staff. His research area has been transplantation biology and he has been working with Dr. D. Bernard Amos, professor of immunology and professor of experimental surgery.

Dr. Samuel A. Wells, whose field of interest centers around tumor biology research, enjoys the special laboratory opportunities which are not ordinarily stressed in a general surgical residency.

### Dean's Hour Lectures Begin

An official of the Rockefeller Foundation, who served his medical residency at Duke, presents the first of the fall series of the Dean's Hour lectures Oct. 31.

Dr. Willoughby Lathem, presently deputy director of the medical and natural sciences division of the Rockefeller Foundation, will speak on "The International Challenge of Medicine" at 5 p.m. in the hospital amphitheater.

Dr. Lathem, originally from Atlanta, attended Emory University there and received a B. S. degree in 1944. He earned his M. D. degree from the same institution in 1946.

He served his internship in internal medicine at Grady Memorial Hospital in Atlanta and then came to Duke as a resident in the same field. He continued his studies at Lawson Veterans' Administration Hospital in Chamblee, Ga., and went to Columbia University College of Physicians and Surgeons in New York as a postdoctorate research fellow.

A former captain in the U. S. Army Medical Corps, Lathem has held positions at both Yale and the University of Pittsburgh schools of medicine. Prior to his appointment with the Rockefeller Foundation, he worked with the National Institutes of Health.

Lathem is the author of more than 35 articles and papers, many on kidney research.

program. Dr. Wells, in his fourth year of scholar work, spent last year in clinical investigation of cellular responses to viruses at the Karolinska Institute in Stockholm, Sweden.

The other seven scholars in training are also undertaking research programs suited to their interests. Several of the students are concentrating on physiological questions while others are interested in medical biochemistry or aspects of metabolism.

The nine scholars presently participating in the program comprise just about one-fourth of the surgical residents in training currently at the Duke Department of Surgery.

Dr. Robert L. Fuson, a graduate of the Indiana School of Medicine, is in his sixth year of the program. Originally from Indianapolis, he is doing research in the pathogenesis of atherosclerosis.

A Duke University Medical School graduate, Dr. William A. Gay, Jr., is in his fifth year as a scholar. From Richmond, Va., Dr. Gay's specialty is cardiac physiology and surgery.

With Dr. Wells in the fourth year of the program is Dr. Walter G. Wolfe of Corry, Pa. Dr. Wolfe, a graduate of Temple University Medical School, is working in the area of pulmonary physiology and its medical implications. He spent last year at the Cardiovascular Research Institute at the University of California working with Dr. Julius Comroe, the noted pulmonary physiologist.

The two third-year participants are Dr. Robert W. Anderson of Chicago, Ill., and Dr. S. Kirby Orme of Saint Anthony, Idaho. Dr. Anderson, who received his M. D. degree from Northwestern, is interested in the metabolic aspects of shock and its management. He is spending this year working in the Department of Physiology with Dr. Eugene Renkin on capillary permeability. Dr. Orme's special field is cellular metabolism and he is currently in the Research Training Program and is working with Dr. Rubin Bressler, professor of pharmacology.

Dr. Sewell H. Dixon, Jr., of Rome, Ga., and Dr. James C. A. Fuchs of Coronado, Calif., are the two new scholars appointed in July. Both are interested in careers in academic cardiovascular surgery.