

Audiovisual Education Links Medical TV, Art, and Photography

"Division of Audiovisual Education, Art and Photography... Enter Without Knocking... May I help you?" Such was the unorthodox telephone greeting given several months ago by a secretary trying to remember the new and lengthy title of her division by reading it from the door. (Needless to say, she soon selected another method.)

Title change, however, was only a small part of the major change that occurred last fall with the creation of the new Division of Audiovisual Education.

at Duke since 1934, was appointed coordinator of the Medical Art Section. A new man, Wayne C. Williams, formerly director of the Department of Medical Illustration at the University of Kentucky Medical Center, was selected to be coordinator of the Medical Photography Section.

In addition to maintaining the services rendered in the past, it is hoped that the three sections will be able to expand. "We are trying to broaden our scope, for we should be involved in any-

guarding the materials themselves.

Growth is imminent for the new Division. By 1973 it is expected to have increased in size from 20 employees to 60 and to be housed in the new communications building scheduled for completion in that year.

The three sections of the Division of Audiovisual Education are now often found working together on projects. For example, at any given medical staff conference the video tape used would be produced by Medical Television, with slides prepared by Medical Photography and charts and graphs prepared by Medical Art.

"We are relatively unique," said Mr. Agnello. "There are very few departments similar to ours... the better known being at M.C.V., Kansas, Temple, and two medical centers in California. You could certainly say that we are in a pioneering position."

Seen in the future of the Division are: a training program for those interested in medical television; increased use of the Prostheses Lab (in Medical Art) for the construction of 3-D models and new prosthetic devices; a section of audiovisual utilization that would serve as a library for audiovisual aids; and expanded use of video tapes and motion picture films.

training people for a new profession which requires more knowledge about medicine than is possessed by the average engineer and more knowledge in engineering than is possessed by the average doctor.

The Division of Biomedical Engineering will begin its function as part of the School of Engineering at the beginning of the 1967-68 academic year. Dr. Theo Pilkington, who holds the joint appointment of associate professor of biomedical engineering and electrical engineering, will head the Division.

The undergraduate program will prepare the student for further specialization in biomedical engineering graduate work or for medical school.

The Division's graduate program requires extensive course work in engineering and biology, as well as studies in mathematics and physics. Upon completion of the graduate program, the biomedical engineer should be prepared for challenges in any number of related careers. For instance, the program will tie in closely with research in hyperbaric medicine and oceanography, both of which have given Duke distinctive reputations in international circles.

Announcement of the new division was made in April by Dr. William G. Anlyan, dean of the School of Medicine, and Dr. J. L. Meriam, dean of the School of Engineering.



The director of the new Division of Audiovisual Education, Sam A. Agnello, is shown flanked by the Division's two coordinators, professor Elon H. Clark (at left), coordinator of the Medical Art Section, and Wayne C. Williams, coordinator of the Medical Photography Section.

Prompted by increasing demands for medical art, medical photography, and the services of the Medical School's television facilities, the Medical Center administration decided that the time had come to coordinate the efforts of these services and to insure their necessary expansion by incorporating them into one division, to be called the Division of Audiovisual Education.

Sam A. Agnello, who has been with the School of Medicine since 1941 and coordinator of medical television since 1964, was appointed director of the new division and asked to continue as coordinator of the Medical Television Section.

The two other sections incorporated into the new division were those of Medical Art and Medical Photography. Professor Elon H. Clark, who has worked with medical art and illustration

thing that requires photography, television, or art," said Mr. Agnello. "At no point in the expansion, however, do we want to divorce the Division's services from either research or patient care."

The Division hopes to be able to serve the faculty more effectively than in the past. Mr. Agnello noted that in the past each faculty member decided what he needed for audiovisual aid, but today his staff is trying to help the faculty members decide what can be used to their best advantage. "Teachers around here are extremely busy and don't have the time to dig around and find this information," emphasized Mr. Agnello. "We are now in a position to do it for them."

As a matter of course, the Division will continue to evaluate the uses of audiovisual materials and to engage in research re-

Medicine and Engineering Join Together

A division of biomedical engineering is being established at Duke to educate specialists who will link the fields of medicine and engineering at the applied and basic levels.

Students in the program will be prepared for a wide range of 20th century undertakings such as cardiovascular research, development of artificial organs for the human body, and conditioning for wide-scale space explorations.

The program will be supported by the Schools of Engineering and Medicine. Their efforts will be directed toward

Mad Man

A man was bitten by a dog and sometime later was told by his doctor that he had rabies and could be in danger of losing his life.

After a few moments of stunned silence, the man calmly asked the doctor for some stationery, took out his pen, and started writing.

"No need to write your will now; you will have plenty of time to settle matters of that nature later," advised the doctor.

"Oh, it's not my will," replied the man. "It's a list of the people I'm going to bite."