



A seminar on **Photographic Science and Engineering in Medicine** will be held July 20-21 by the Society of Photographic Scientists and Engineers at the Marriott Motor Hotel in Newton, Mass., near Boston. Sessions will cover Patient Photography, Photomicroscopy, Instrumentation and Radiography. Papers and discussions will explore present and future photography including fiber optics and liquid crystals; optical, scanning electron and holographic interference microscopes as well as diffusion techniques for cancer research; diagnostic imaging involving acoustical techniques, nuclear scanners, thermography and autoradiography; image quality of radiographs, reduction and analysis via CRT; and xeroradiography. Further information is available from SPSE, Suite 204, 1330 Massachusetts Ave., N.W., Washington, DC 20005.

An Engineering Foundation Conference on Technology Assessment: Problems and Practice will be held July 23-28 at New England College, Henniker, N.H. The purpose of the conference is to stimulate interest in the operational problems of performing technology assessments. It will provide a forum for the exchange of reports on current assessment efforts. The emphasis will be on small group workshops. The conference is particularly timely in view of the Office of Technology Assessment Bill recently passed by the U.S. House of Representatives. At the beginning of the conference, Peter Goldmark, President of Goldmark Communications Corp., will present a paper entitled "Its Later Than You Think — Communications Technology: A Pivotal Solver of the Societal Crisis." Participants will be assigned to small groups with an assessment leader to work out the dimensions of a Technology Assessment of Interactive Television and New Communications Technology based upon Dr. Goldmark's paper and additional materials to be provided.

Subjects of other technology assessments include Weather Modification, New Towns, Intelligent Computers and Robots, the Cashless Society, Recycle Society, Genetic Engineering and Bacterial and

Viral Substitutes for Chemical Pesticides.

The conference is limited to 100 persons. Further information is available from Engineering Foundation, 345 E. 47 St., New York, NY 10017.

New Methods in Optical Design and Engineering is a course to be held January 8-19, 1973, at the Optical Sciences Center at the University of Arizona. The purpose of the course is to acquaint both the specialist and nonspecialist engineer or scientist with the latest techniques in the design and engineering of optical systems. Central to the course will be discussion of methods of optical design and image analysis. In support of the general subject of systems engineering, there will be discussions of detectors and scanning systems, thin films, lasers, methods of fabrication and testing of optical components and some details of the tolerancing and specifications of complete systems. Further information is available from Dr. R. H. Noble, Optical Sciences Center, University of Arizona, Tucson, AZ 85721.

Six intensive Hologram Workshops will be held during August at Lake Forest College, Lake Forest, IL 60045. Session 1, In-

New Sustaining Members

Hervic Corp./Cinema Beaulieu, 14225 Ventura Blvd., Sherman Oaks, CA 91403 (213) 981-2395

Hervic Corp./Cinema Beaulieu is the exclusive United States importer and distributor of Beaulieu 16mm and super-8 motion-picture camera systems, which are marketed through a network of some 600 franchised dealers. Among the many Beaulieu 16mm camera models available, the R16B(PZ) with built-in power zoom and the Beaulieu "News 16" professional single/double system sound camera are the two most recent additions. The new Beaulieu 4008ZM2 super-8 camera is now supplied with a super wide angle 8-66mm zoom lens (11:1 ratio). All Beaulieu camera systems offer complete lens interchangeability. The company also exclusively distributes in the United States many other motion-picture equipment lines such as Heurtier Projectors (Heurtier stereo and monaural sound super-8 projectors, and Heurtier P6-24B Dual 8 Projectors); Uher 1000/N Neo Pilot ¼-in. sync tape recorders; Hervic/Minette super-8 and 16mm viewer editors; Hervic/Multilapse unit for time lapse photography; and Hervic projection screens and tripods. Hervic Corp./Cinema Beaulieu maintains two offices: its executive offices located in Sherman Oaks, Calif. and its eastern branch office in New York City, New York. Both offices maintain full service, warehousing and shipping facilities.

Address inquires to: Christy Mc Manama, address above.

Ballantyne of Omaha, Inc., 1712 Jackson St., Omaha, NB 68102 (402) 342-4444

Shortly after the advent of sound motion pictures, Ballantyne of Omaha, Inc. was established in 1932 in Omaha, Neb., by R. S. Ballantyne to manufacture soundheads for use in professional 35mm theater projection booths. During World War II its entire output of theater sound systems and speaker systems was purchased by the U.S. Army and Air Force Service. Following the War, in the late 1940's, Ballantyne became a specialist in drive-in theater equipment, furnishing high-wattage amplifiers and sound systems, as well as the in-car speakers. They bought the Gardiner Projector Co., and for a short time continued to market its products.

Later, they marketed the BW projector, manufactured by the Wenzel Company. In 1961 the Company was sold to ABC Consolidated of New York which in turn merged with Odgen Corporation in 1967. During this period Ballantyne introduced to the United States the Norelco FP20 35 mm Projector, manufacturing parts of the projector as well as parts of the Norelco AA2 35/70mm projector. In March of 1970, a group of investors, headed by J. R. Hoff who had been with the company since 1945, and E. J. Nelson, who joined the company in 1952, re-purchased the company from Odgen. In February, 1971, the company introduced to the trade the PRO-35, the first new American-manufactured projector in over 25 years. Coincidentally, they introduced a completely new Model 7 Sound System, and both the PRO-35 and Model 7 are now in hundreds of theaters throughout the United States and the world. The complete projector and sound system were specifically designed for use with automation, and Ballantyne now supplies a complete automated equipment package for use by any size theater. Products are distributed through selected theater supply dealers in the United States and Canada and marketed world-wide by selected exporters.

Address inquiries to: Mr. E. J. Nelson, at the address above.

Tiffen Optical Co., 71 Jane St., Roslyn Heights, NY 11577 (516) 621-2700

Tiffen Optical Co. offers a unique integration of prototype and production facilities used by the world's leading photographers and technical community. Among the various items produced are all standard colors and Special Effects filters including Diffusion, Star, Low Contrast, Split/Field lenses and Organic and Metallic Neutral Density filters. On call for your every requirement is a large optical production department, modern vacuum coating department, extensive metal machining facilities and the world's leading scientific and optical color laboratory. A complete range of sizes and colors is available to fit all lenses and related equipment.

Address inquiries to: Nat Tiffen and Stan Ernenwein, at the address above.