



Careers for You, an 8-page illustrated brochure describing career opportunities in the field of communications is available upon request (single copy) from SMPTE headquarters.

The booklet, prepared by an SMPTE Ad Hoc Committee on Vocational Guidance under the chairmanship of Thomas

W. Hope and with the supervision of Herbert E. Farmer, SMPTE Vice-President for Educational Affairs, offers thumbnail descriptions of the fields of motion pictures, television, photoscience, photoinstrumentation and instructional technology with down-to-earth information for young people hoping for careers as engineers, scientists, motion-picture producers and other related professions.

Enhanced by photographs contributed by Byron Motion Pictures, Inc., CBS Television Network, Eastman Kodak Co., National Film Board of Canada and Philips Broadcast Equipment Corp., the booklet is attractive in appearance as well as informative. It should be in the hands of every high-school and college student whose aca-

demical orientation and/or personal interest is in the direction of communications technology.

In addition to descriptions of the five fields noted above the booklet provides a list of books and technical and trade publications that would help the student acquire an overall knowledge of the communications industry and also provides him with a list of organizations that might be of help in answering specific questions about jobs.

**Highlights of Photokina** to be held 27 September 3 October in Cologne, Germany, include a Convention on Motion-Picture and Television Techniques to be held 1-2 October. The two-day program, organized by the British Kinematograph Sound and Television Soc. and the Television and Cinematographic Soc. of West Germany, will include papers on such subjects as the exposure, processing and projection of film, the relationships between film and television, and other subjects of immediate interest. The program will be in English and German and will be held in the Gr. Rheinsaal of the Cologne exhibition buildings.

The cultural section of Photokina (The World Fair of Photography) will be held in Cologne's art building (Kunsthalle). An historical show, *Action in Pictures*, covering the development of motion pictures from about 1890 to 1910 will be shown on the first floor. Prepared in collaboration with international collections and museums, the exhibit will include historical equipment, photographs and other significant material relating to the period.

The second floor (called The Silent Hall) will contain several interesting photographic exhibits, among them, *One World for All* showing the results of a contest relating to the World Population Year 1974 proclaimed by the United Nations. Promoting the contest were the United Nations organizations, World Federation of Photography (FIAP) and World Assn. of Youth (WAY).

Other highlights include Diaporama, an international amateur tape and slide show displaying the best achievements from Festivals in France and Belgium. Diaporama also includes film presentations, lectures and discussions.

**Olympus Film Service, Inc.**, 52 First St., Hackensack, NJ 07601, has announced that South Pictures, Inc., of Atlanta, Ga., has been licensed as a purveyor of the Olympus systems of film restoration and film preservation. The announcement notes that promoting good film handling habits and instruction in the proper use of repair equipment is "a step in the right direction."

**The Sound Shop, Inc.**, has moved to the recording facilities located at Reeves Cinetel, 304 E. 44 St., New York, NY 10017, according to a recent announcement. The firm was formerly located at 460 W. 54 St. The transfer facilities and narration studios continue to be maintained at 321 W. 44 St. The Sound Shop specializes in audio re-recording while offering narration, voice-to-picture recording, electronic post sync dubbing, optical and magnetic transfers and other services.



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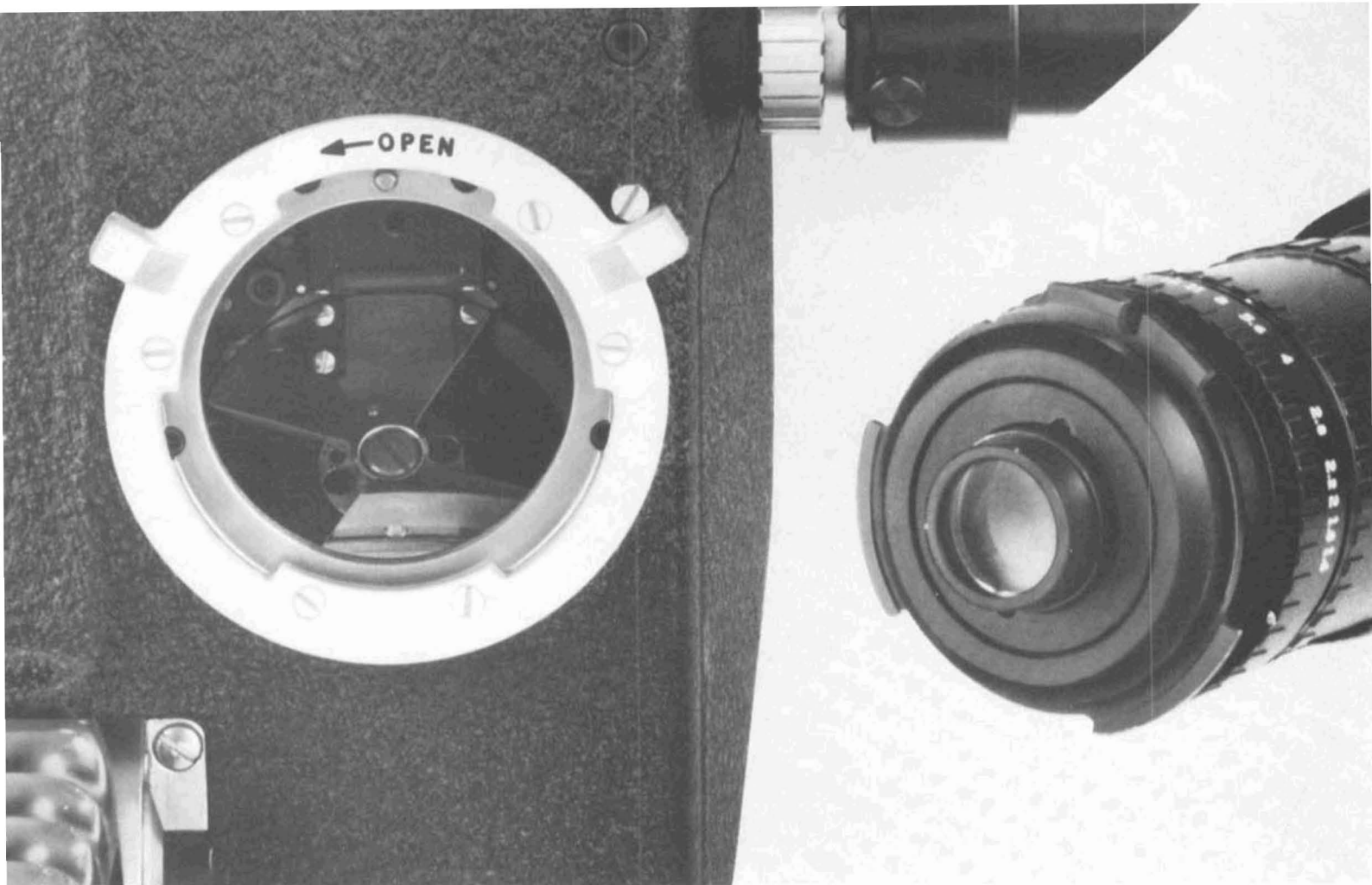
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Take our new CP-16R *miniaturized* BNCR-type lens mount, for instance. It's the kind you get on professional 35mm motion picture studio cameras. With a positive locking ring to hold your lenses securely. And a locating pin to main-

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The CP-16R reflex incorporates all the basic features that have made the non-reflex CP-16 the most dependable, best-selling single/double system sound camera of its kind. In addition to crystal controlled sync speeds of 24 or 25 fps, the CP-16R also features variable speeds of 12, 16, 20, 28, 32 and 36 fps. Naturally, you get total System CP-16 compatibility. With the Crystasound recording system, power supplies and camera accessories interchangeable between the reflex and non-reflex models.

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CP-16R reflex camera shown with Cinema Products' non-orientable viewfinder, with eyepiece located approximately 1" (25mm) behind the film plane; Angenieux 9.5-57mm zoom lens, with CP-mount; plus PLC-4 lightweight 400 ft. (122m) magazine, made of glass-filled Lexan®



The Burbank Studios, one of Hollywood's most noteworthy (and untypical) "success stories" is described in a brochure, issued shortly after its second year as an entity, as "not just a production facility ahead of its time — its a whole new trip." The Burbank Studios (TBS), combining on one lot Warner Bros. Pictures and Columbia Pictures embodies the concept of totality. According to Robert K. Hagel, General Manager, "We have designed every function of the studio in a modular manner so that it can interface with any other department ... our intent has been to remain totally flexible in order to satisfy all the individual needs of any production at any point in

time." In mentioning the videotape facilities, "The name of the game is staying ahead of it," the brochure reveals, noting that "the most modern, technically innovative videotape facilities in the world are here at TBS."

In looking at the brochure (which is certainly well designed, as would be expected for an "out front" business) a feeling of youthful energy, progressiveness and aggressiveness comes through. Obviously an extraordinary amount of talent and acumen is involved in the "success story."

Among the many fascinating departments described in the brochure is the Greens Department which has a nursery

stocked with more than 1,500 varieties of plants with experienced greensmen to plan the greenery for the set. The brochure notes, "Only God can make a tree — but we can move 'em around." The Special Effects Shop "has all the weather, fire, water, cobwebs and bombs you can handle." The Prop Shop "designs and builds everything from covered wagons to surrealistic widgets." One of the most extraordinary props made in The Burbank Studios is the world's largest telephone (left) "which can be operated by two standard-size people or one giant." The Prop Shop also makes working miniatures.

One of the most active sections of TBS is the record recording facilities, an experiment which became unqualifiedly successful with the cooperation of IATSE's Sound Local No. 695 which agreed to the use of the union's personnel for record recording. Sound stages which formerly were used only for scoring about six hours a day for some seven months out of the year are now in use for scoring and recording 12 to 14 hours a day 12 months of the year.

Among other community-oriented activities, the studio has arranged a cooperative program with the Cinema Department of the University of Southern California and a Field Study Program with California State University at Northridge. In the Field Study Program, the students can earn university credit while participating in videotape and film observation workshops at TBS. As Mr. Hagel said in a recent interview, "the bright new people entering the industry will continue and improve upon our plans for tomorrow."



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The Yale University School of Music recently (2 May) held a screening of films with music that had been composed by students of the School of Music. The program was presented in Yale's Davies Auditorium. The scores were composed and recorded as part of the School's film program which is under the direction of Frank Lewin. Two of the films have 3-channel stereo soundtracks. The films shown include *Phantasmagoria* by James Davis with music by Berndt Heller; *Venice Poluted*, produced by Herman Engel, music by Bruce Campbell; *Light*, produced by Paul Cohen, music by Amy Rubin; and *Phantasmagoria* by James Davis, music by Robert Kyr.

**KEM Elektronik Mechanik GmbH**, Herlingsburg 16-22, 2 Hamburg 45, West Germany, manufacturer of KEM editing equipment, has announced two new exclusive distributors in the United States: Universal Editing Systems, Inc., 25 W. 45 St., New York, NY 10036 (East of the Rocky Mountains), and KEM Editing Systems, Inc., 6253 Hollywood Blvd., Hollywood, CA 90028 (for the West Coast, including the Rocky Mountain States). KEM equipment was formerly distributed in the east by KEM Electronic Mechanic Corp., New York City, Ulrich M. Fritzier, President, announced that he had given up the distributorship in order to devote his interest and time "fully to other projects."

**Anaconda CATV** is the new name of the

firm formerly known as Anaconda Electronics. The firm has now moved from its former headquarters at 305 N. Muller, Anaheim, CA 92803 to 7465 Lampson Ave., P.O. Box 938, Garden Grove, CA 92642. The move was due to the firm's expansion necessitating larger quarters to house its CATV marketing and sales, research and development, systems engineering and construction, amplifier manufacturing and other activities.

**Birns & Sawyer**, 1026 North Highland Ave., Los Angeles, CA 90038, has been appointed distributor for the professional line of motion-picture equipment filters of the Tiffen Optical Co. of Roslyn Heights, Long Island, NY 11577, it was recently announced. Filters will be stocked in 85, 85N3-6-9, 85B, 85BN-3-6-9, fogs, diffusion, diopters and split fields, the announcement stated.

**Video-assisted instruction packages** available internationally on a rental basis have been announced by Advanced Systems Inc., 1601 Tonne Rd., Elk Grove Village, IL 60007. The firm maintains a subscription library which includes overseas operations under a single rental agreement. The video-assisted education format permits classes to be conducted under an instructor's guidance, or self-instructed, or to allow a student to move at his own pace. Courses range from electronic data processing to management development. The subscription plan permits multinational corporations to draw from libraries

in six countries outside the United States material to provide for their training and educational needs.

**Synergetic Audio Concepts**, Consultants on Seminars, P.O. Box 1134, Tustin, CA 92680, scheduled three-day seminars on sound engineering to be held in 15 cities during 1974. Five seminars were held in January, February and May. Seminars for June will be held in Minneapolis and Chicago. September's seminars will be held in St. Louis, Pittsburgh and Boston. October's seminars will be in New York and Philadelphia. In November the seminars will be held in Washington, D.C., and Philadelphia, and in December a seminar will be held in Orlando, Fla.

**A course in the basics of computer systems**, consisting of eight videotaped units with lecture outlines and study guides, was donated to WWTW, Channel 11, Chicago's educational TV station, by Advanced Systems Inc., 1601 Tonne Rd., Elk Grove Village, IL 60007. The course, intended as preparatory instruction for new computer programmers, machine operators and non-EDP management, was used as a prize in a "benefit auction" conducted by WWTW.

**Arch Luther** has been elected a Fellow of the Institute of Electrical and Electronic Engineers "for engineering contributions to the design of color television cameras and videotape recorders." Presently Chief Engineer, RCA Broadcast Systems, Camden, N.J., Mr. Luther holds 29 United States Patents. He has been with RCA Corp. since 1950. His achievements include the development of the first all-solid-state video recorder (the TR-22) and the development of an automatic video cartridge recorder system (the TCR-100).

Mr. Luther was a member of the panel on High-Speed Videotape Duplication and Distribution held on 5 October 1970 at the Society's Technical Conference in New York (*Journal*, pp. 182-183, March 1971) and he also served as a panelist on the Symposium on Taking Motion Pictures on Film or Videotape held on 27 October 1972 at the Society's Technical Conference in Los Angeles (*Journal*, pp. 846-851, October 1973).

**Benjamin B. Bauer**, Vice-President of CBS Laboratories Acoustics and Magnetics Dept., has been elected a member of the National Academy of Engineering, it was announced by Robert C. Seamans, Jr., President of the Academy. Election to the Academy is one of the highest professional distinctions that can be conferred on an American engineer, honoring those who have made important contributions to engineering theory and practice or who have demonstrated unusual accomplishments in the pioneering of new and developing fields of technology. Mr. Bauer was honored for his contributions to the sciences of sound transmission, reception, measurement, recording and reproduction, the announcement stated.

**P. Paul Larkin** has been appointed head of the Department of Film Studies at the Rhode Island School of Design (RISD),

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