

Industry News & Educational Activities

Scholarship awards for the 1975-76 academic year have been announced by the SMPTE Scholarship Committee. SMPTE Scholarships (for undergraduate students) were awarded to David E. Priester, enrolled at Ithaca College, and Suzanne E. Weaver, enrolled at Rochester Institute of Technology. The Academy Scholarships for graduate students, administered by the SMPTE, were awarded to Jose F. Gayton, Washington State University; Elliot S. Klein, Ithaca College; Constantine M. Mantis, Yale University; and Louis M. Tosti, Columbia College Los Angeles.

Eastman Kodak Co. is the recipient of an Emmy Award from the National Academy of Television Arts and Sciences for the development of Eastman Ektachrome video news film 7240 (tungsten). The award, conferred "for outstanding achievement in engineering development" was presented at the Emmy Awards luncheon held at the Beverly Wilshire Hotel on 15 May. Allen L. Williams, Regional Manager for Kodak's Motion Picture and Audiovisual Markets Div., Pacific Southern Region, accepted the award for Kodak. Eastman Kodak Ektachrome video news film 7240 (tungsten) is a high-speed color-reversal film designed for television news and documentary applications. It is prehardened during manufacture, allowing the prehardener and neutralizer solutions to be eliminated in the VNF-1 process, thus shortening dry-to-dry process time.

Sony Corp. of Tokyo is the recipient of an Emmy Award from the National Academy of Television Arts and Sciences for the development of the U-Matic videocassette system concept. The system is used by broadcasters in Electronic Newsgathering. Sony was awarded an Emmy in 1973 for its development of the Trinitron Color Television System.

Tektronix Inc., P.O. Box 500, Beaverton, OR 97077, has been awarded a citation by the National Academy of Television Arts and Sciences for "leadership in development of equipment for verifying television performance in the vertical interval." The citation was accepted by Charles Rhodes, Chief Engineer of the Television Products Group.

Edwin H. Land, inventor of the Polaroid Instant Photography System, is the first recipient of the Lieven Gevaert/SPSE silver medal award for outstanding achievement in the field of silver halide photography. The medal was presented to Land under the auspices of the Society of Photographic Scientists and Engineers during its 29th annual conference held 23-27 May in New York. Robert A. M. Coppenrath, President of Agfa-Gevaert, Inc., presented the medal to the SPSE and the medal was then presented to Land on behalf of the SPSE by Johan Bischops, member of the Board of Management and Director of Research for Agfa-Gevaert.

Composer Frank Lewin has been commissioned to write the music and produce the sound for

Kermit Hunter's outdoor drama, *Dust on Her Petticoat*, scheduled to open 4 July near Tulsa, Okla. The drama deals with the story of Oklahoma's first woman senator and the history of the settlers and Indians. Three other outdoor dramas by Dr. Hunter to be produced this summer will have music by Frank Lewin. Two of the dramas are scheduled to start their summer-long runs in theaters being especially constructed for these productions. *Hernando De Soto, Conquistador* will be performed in Hot Springs National Park, Arkansas and *The McIntosh Trail* in Peachtree City, Georgia. Lewin previously wrote the music for Dr. Hunter's outdoor drama, *Beyond the Sundown*, which opened last summer near Houston and will play its second season this year.

Lewin has written music for such TV series as *The Defenders* and *The Nurses* and for many single programs, such as the Christmas classic, *J.T.* His score for *Textures and Finishes for Aluminum*, a semi-abstract film for Alcoa shown throughout the world, was followed by music for many documentary films, including the Oscar-winning *A Year Towards Tomorrow*. He has also written scores for theatrical films such as *The Angel Levine* and *Harry*.

Lewin has also distinguished himself in the concert area. Recently he has been commissioned by the Chamber Music Society of Lincoln Center to write a song cycle on the poems of Edwin Arlington Robinson. The song cycle will have its premiere during the 1976-77 season in Lincoln Center.

Lewin teaches music at the Yale School of Music and at Columbia University.

Goldmark Communication Corp. (GCC), 98 Commerce Rd., Stamford, CT 06904, has granted an exclusive license to Microtime, a division of Anderson Laboratories of Bloomfield, Conn., for the manufacture and distribution in North America of the Automatic Skew Corrector designed to improve the performance of videotape players. The Automatic Skew Corrector, patented by Goldmark Communications, is a solid-state electronic device designed to fit inside a standard videocassette player to eliminate automatically picture distortion caused by video timing errors in programs played through videocassette systems. The device monitors signals as the videotape moves through the cassette player, detects timing errors caused by tape shrinking or stretching and continually corrects the tape tension as picture images are fed to the television receiver. As a result picture skew is eliminated before it reaches the TV set and the viewer is afforded a distortion-free picture.

General Television Network, 13225 Capital Ave., Oak Park, MI 48237, has announced the opening of new color videotape production studios and video equipment sales and service facilities, according to a recent announcement. The announcement noted also that the firm is celebrating its 20th anniversary, having been founded in 1956 when it purchased one of the nation's first 2-in quadruplex videotape recorders and installed it in a mobile television

unit. The new \$2 million headquarters building contains two studios. Studio A is 40 x 80 ft with a 19-ft-high cyclorama. Studio B is 20 x 40 ft and is used as an insert stage for small products and single performers. Equipment includes four color cameras, including a Norelco PC-70 with 18 to 1 servo-controlled zoom lens, two black-and-white insert cameras, a full studio camera crane and fluid pan heads. Equipment also includes an RCA color film chain with 16mm film projectors and an Ampex RA-4000 computer editing system.

The Todd-AO 35 anamorphic lens system, including all of the anamorphic lenses, related cameras and accessories as well as patent rights have been acquired by Cinema Products Corp., 2037 Granville Ave., Los Angeles, CA 90025. The 35mm lenses were designed by Richard Vetter of Todd-AO Corp. who received an Academy Award in 1973 for the improved anamorphic focusing system. The lenses and related accessories will be available for rental on a world-wide basis through exclusive rental agents appointed by Cinema Products. Todd-AO Corp. will continue to service film productions with the Todd-AO 35 anamorphic lens system under special arrangement with Cinema Products.

Camera Mart, 456 W. 55 St., New York, NY 10019, has been appointed U.S. dealer for Belden/Lee Compact Source Iodide (C.S.I.) discharge lamps and is offering them for sale and rental, according to a recent announcement. A compact, lightweight and powerful system, available in single or double luminaire formats, features instant restrike, which is said to deliver the benefits of iodide discharge without the drawbacks. A high light output (5000 fc at 20 ft for the two-luminaire format) can be filtered up for daylight or down for tungsten and can have patterns changed without relamping. The lamps are weatherproofed for outdoor work on location but a low heat output makes them usable for indoor location and studio use.

Robert N. Hurst has been appointed to the staff of the RCA Broadcast Systems Training Department it was announced by John W. Wentworth, Manager, Broadcast Technical Training. In his new assignment Hurst will develop advanced technical educational material for users of RCA radio and television broadcast equipment and for RCA technicians and engineers. He joined RCA Corp. in 1951 and has participated in the development of advanced color television broadcast equipment including the first transistorized videotape recorder and the first videotape cartridge recorder. Recently he was leader of a product development team which produced the TFS-121 Digital Frame Synchronizer.

Thomas R. Rolston and **Stuart Schefers** will head Movielab Audio Visuals, a new division of Movielab, Inc., 619 W. 54 St., New York, NY 10019, it was announced by Saul Jeffee, President. Rolston was formerly with National Broadcasting Co. and Schefers was formerly President of Cinefects Visuals, Inc. Rolston, Director of Marketing, and Schefers, Director of Operations, will supervise the slide and film-strip division and Bob Grosso will continue to head the super-8 division.

Henry C. Hermes has been appointed a Vice-President of JVC Industries, 58-75 Queens Midtown Expwy., Maspeth, NY 11378. He has been with JVC for three years as National Ser-

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The telephone number printed was incorrect. The correct number is (212) 736-3335.

vice Manager and will continue in that post with added responsibilities in sales and personnel. Prior to joining JVC, Hermes was with Sony Corp. in the video division.

A. S. Russell has been appointed Marketing Manager for Wide Range Electronics Corp., it was announced by Otto Rauhut, President. In his new post Russell will coordinate the total national and international marketing and sales activities with emphasis on product line expansion. WRE designs and manufactures an extensive line of motion-picture sound record/playback systems and magnetic super-8 sound transfer consoles, among other products.

Frank P. Bucci has joined Precision Film Laboratories, 630 Ninth Ave., New York, NY 10036, in the newly created post of Vice-President, Marketing, it was announced by Burton Stone, Precision President. Bucci was formerly Vice-President of Sales, New York, for Technicolor. Earlier he had held various posts with DeLuxe Laboratories, Consolidated Film Industries and Republic Pictures.

A. Kip Livingston has joined Capital Film Laboratories, 343 W. 54 St., New York, NY 10019, as Sales Representative. He was formerly Chief Executive Officer for Oxberry Corp. and has also been affiliated with T.V.C. Laboratories and Movielab, Inc.

Donald S. Phillips has resigned as President and Chief Operating Officer for Calvin Communications, Inc., 215 W. Pershing Rd., Kansas City, MO 64108, according to a recent announcement. He is succeeded as President by Leonard W. Keck who will remain Chairman of the Board. It was also announced that Fred J. Atchity has been elected Secretary and Treasurer of the firm. He was previously Assistant Secretary and Treasurer.

George Zazzali has joined A.V.E. Corp., 250 W. 54 St., New York, NY 10019, as Chief Engineer and Operating Officer, according to a recent announcement. A.V.E. Corp. also announced the establishment of two new service centers in addition to its headquarters in New York—one in Miami, Fla., and the other in Los Angeles.

Masaru Ibuka, co-founder and honorary chairman of Sony Corp., Tokyo, has been elected a foreign associate of the National Academy of Engineering. Ibuka was cited for his numerous contributions and for his leadership in the development of the Trinitron Color Television, audio video magnetic tape equipment and the transistor radio. The National Academy of Engineering of the United States is a private organization established in 1964 to share in the responsibility given the National Academy of Sciences under its Congressional Charter of 1863 to examine questions of science and technology at the request of the Federal Government. The NAE sponsors engineering programs aimed at meeting the national needs, encourages engineering research and recognizes distinguished engineers.

Books, Booklets, Brochures

The Educator's Guide to Media Lists, designed for use by educators and media specialists with emphasis on elementary through high school requirements, is available from Libraries Unlimited, Inc., P.O. Box 263, Littleton, CO 80120, at a price of \$10 in the United States and Canada and \$12 elsewhere. The *Guide* lists important critical reviewing sources in various educational fields; also more than 270 selected media lists are arranged by a special classification system to give instant access by subject and type of media. All types of nonprint instructional media are covered and some free materials, including government publications, are listed.

The Instrument Society of America has announced three new publications. (1) A measurement fundamentals study guide designed as an instructor's outline and student study guide. The text explains pressure, level, weight, density, flow, temperature, heat flux, humidity and moisture, and physical and chemical measurement fundamentals at a text-level adaptable to groups with varying abilities, work experience and needs. It is suitable for high school level vocational training, two-year college instrumentation technician programs as well as industry-sponsored basic instrumentation training courses. Over 200 detailed illustrations are available as 35mm slides, overhead transparencies and transparency masters, separately or in sets. A chapter-by-chapter list of applicable reference texts plus a comprehensive reference section at the end of the book is included.

(2) *Basic Instrumentation Lecture Notes and Study Guide — Instrument Fundamentals*, 2nd ed., edited by Ralph L. Moore, E.I. DuPont deNemours & Company, illustrated, 303 pp., 3-ring binder, is available at a member's price of \$10 and a list price of \$12 (Code 1022) from the Instrument Society of America, Publication Department, 400 Stanwix St., Pittsburgh, PA 15222; or a brochure may be requested that describes the contents and separate-purchase availability of additional illustrations in the formats listed above. Purchasers in Europe should order from bookdealers or John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England.

Also announced by the ISA is (3) the *1976 Publications and Educational Aids Catalogue* that describes over 200 current instrumentation publications and educational aids focusing on the state of the art, advances and applications in many areas of industry, science and technology. The catalog includes: descriptions, prices and ordering information for the proceedings of ISA-sponsored and co-sponsored national and international conferences and symposia, standards and recommended practices, reference books, periodicals, study guides, videotape programs, audio cassettes, and instrument specification and test forms. Topics include: aerospace, environment, analysis, automatic control, chemical and petroleum, computers, control valves, electrical safety, humidity/moisture, maintenance, management, marine sciences, measurement, metals, modeling and simulation, power, telemetry, and temperature. It is 4 x 9 in, 40 pp.

Engineering and Technology Enrollments Fall 1975, a 150-page volume presenting educational data acquired by means of a survey conducted by the Engineering Manpower Commission of the Engineers Joint Council is available from the Engineers Joint Council, 345 E. 47 St., New

York, NY 10017, at a price of \$40. The book contains five types of data tables: enrollments by school year and major curriculum groups; enrollments by school year broken down according to accreditation and control of the institution for all schools and curricula combined; enrollments by institution and school year for each of 63 different curricula; and enrollments by institution and school year for women and minority groups, all curricula combined.

The data were compiled from questionnaires sent in September 1975 to all United States schools known to have engineering programs at the baccalaureate or higher degree level. All of the schools but one submitted data for the report.

Micro Consultants, Inc., national distributors, have a new brochure and data sheet on the DFS-3000 digital framestore synchronizer. The 4-page brochure includes full system description, a block diagram, applications information and options available. A 2-page data sheet provides complete specifications, options and operational data. Detailed technical back-up material is also available from MCL, P.O. Box 10057, Palo Alto, CA 94303.

Modern Talking Picture Service has announced publication of a new catalog listing some 500 films available on free loan to television stations. The 16mm motion pictures are sponsored by business firms, trade associations, government units, professional societies and other organizations. They are distributed to stations by Modern Talking Picture Service through its television division, Modern TV. The catalog includes public service messages, documentaries, how-to-do-it features and sports and travel shorts. Cooking, health, agriculture, religion, energy and the environment are among the many subjects covered. Copies of the 40-page catalog are available to television stations without charge from Modern TV, 2323 New Hyde Park Rd., New Hyde Park, NY 11040.

Association Films, Inc., 866 Third Ave., New York, NY, has announced publication of the Spring-Summer *Free Short Subjects* catalog, listing short films made available to theaters without charge. Among the new films listed in the catalog are *Mirrors of Time*, a voyage aboard the oceanographic vessel Hollis Hedberg; *A World in a Grain of Sand*, the creation of original works of art in glass; and *The Faces of Energy*, produced by Francis Thompson, an overview of the search for new energy sources.

ESE, 505½ Centinela Ave., Inglewood, CA 90302, offers an 8-page bulletin and supplementary inserts describing sequential programmers (designed for sequential selection of television broadcast sources); programmer/comparators; random access memory programmer/controllers; digital diodes/thermometers; timers for broadcast and industrial needs; and other equipment for timing, counting and controlling.

The Proceedings of the 13th Annual Rocky Mountain Bioengineering Symposium and the 13th International ISA Biomedical Instrumentation Symposium held 3-5 May at the University of Wyoming, Laramie, contains 25 papers reporting on advanced developments in bioinstrumentation, measurement and systems modeling. The 140-page softbound volume is available from the ISA Publications Dept., 400 Stanwix St., Pittsburgh, PA 15222, at a price of \$15 (\$12 for ISA members).