

history of psoriasis and HL-A 13 was most prominent when a family history of psoriasis could not be elicited. K. Orita (Okayama University), K. Tsuji, and T. Yoshida (Aichi Cancer Center) discussed results of Japanese investigators with respect to their studies of susceptibility to cancer and HL-A typing with special emphasis on gastric cancer. M. Aizawa (Hokkaido University) reported a study of the relation between HL-A typing and the occurrence of Australian antigen. K. Nomoto (Kyushu University) closed the discussion by reviewing the possibility of relating HL-A typing with certain defects in the ability of hosts to efficiently handle certain bacterial agents such as BCG.

The fifth and final session was concerned with a discussion of the ways in which international cooperation between the countries involved in this seminar might effectively increase our knowledge of the relation between cell surface markers and immune responsiveness or disease. The first order of business seems to be to provide up-to-date information on available serums, to train Japanese investigators in techniques in use in the United States, and to standardize methods for use in the various countries. It was felt that these objectives could be achieved in part by establishing a serum bank in Japan and having local and international workshops. With the availability of these facilities and maintenance of the lines of communication developed during this seminar, it should be possible to begin critical investigations of the relation of HL-A specificities to various disorders that have different geographic rates of occurrence.

D. B. AMOS

*Duke University Medical Center,
Durham, North Carolina 27710*

T. INOU

*Institute of Medical Science,
Tokyo University,
Shiroganedai 4-1-6, Minato-ku, Tokyo*

D. T. ROWLANDS, JR.

*School of Medicine, University of
Pennsylvania, Philadelphia 19104*

Forthcoming Events

November

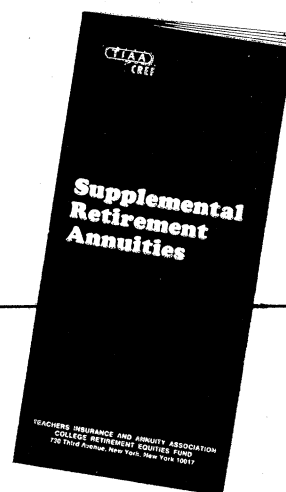
11-16. American Nuclear Soc., San Francisco, Calif. (O. J. DuTemple, ANS, 244 E. Ogden Ave., Hinsdale, Ill. 60521)

12-14. Geochemical Soc., Dallas, Tex. (E. E. Angino, Dept. of Geology, Univ. of Kansas, Lawrence 66044)

12 OCTOBER 1973

TIAA-CREF Announces Supplemental Retirement Annuities


for tax-deferred annuity programs



Supplemental Retirement Annuities (SRA's) are new forms of TIAA and CREF contracts designed expressly for use by persons who want to set aside tax-deferred retirement funds over and above amounts being accumulated under their institution's basic retirement plan. They are available for employees of colleges, universities, private schools and certain other nonprofit educational organizations with tax-deferred annuity (salary-or-annuity option) programs. Through a properly drawn agreement with their institution, staff members may divert part of their compensation before taxes to the purchase of these new contracts.

And SRA's are cashable at any time. This means that if the money accumulated by salary reduction is needed before retirement, the SRA contracts can be surrendered for their cash value. Benefits, whether payable in cash or as income, are taxable as ordinary income when received.

For more information and answers to questions send for your copy of the booklet on Supplemental Retirement Annuities.



Send me a booklet describing
TIAA-CREF Supplemental Retirement Annuities.

Name

Address

Street

City State Zip

Nonprofit Employer

Teachers Insurance and Annuity Association
730 Third Avenue, New York, New York 10017

wi

Circle No. 40 on Readers' Service Card

12-14. **Geological Soc. of America**, Dallas, Tex. (E. B. Eckel, GSA, P.O. Box 1719, Boulder, Colo. 80302)

12-14. **Operations Research Soc. of America**, 44th mtg., San Diego, Calif. (J. V. Ravenis, Research and Advanced Technology, MS7-15, General Dynamics Electronic Dynamics Div., Box 127, San Diego 92112)

12-14. **Paleontological Soc.**, Dallas, Tex. (W. O. Addicott, U.S. Geological Survey, 345 Middlefield Rd., Menlo Park, Calif. 94025)

12-16. **Conference on Hemoglobins: Comparative Molecular Biology Models for the Study of Disease**, New York Acad. of Sciences, Silver Spring, Md. (S. Sinaian, NYAS, 2 E. 63 St., New York 10021)

12-16. **Symposium on the Physical Behaviour of Radioactive Contaminants in the Atmosphere**, Intern. Atomic Energy Agency and World Meteorological Organization, Vienna, Austria. (J. H. Kane, Office of Information Services, Atomic Energy Commission, Washington, D.C. 20545)

12-17. **Society of Photographic Scientists and Engineers**, Tokyo, Japan. (F. W. Gerretson, SPSE, Bywater Rd., Annapolis, Md. 21401)

13-15. **Eastern Analytical Symp.**, American Chemical Soc., New York, N.Y. (L. Brancone, Lederle Labs., American Cyanamid Co., Pearl River, N.Y. 10965)

13-16. **Magnetism and Magnetic Materials Conf.**, 19th, Inst. of Electrical and Electronics Engineers, Boston, Mass. (IEEE, 345 E. 47 St., New York 10017)

14. **Viruses in the Environment and Their Potential Hazards Conf.**, Burlington, Ont., Canada. (B. J. Dutka, Microbiology Labs., Canada Centre for Inland Waters, P.O. Box 5050, Burlington, K7R 4A6)

14-16. **Applied Remote Sensing of Arid Lands Resources and Environment**, 4th conf., Tucson, Ariz. (M. A. Peel, Jr., Div. of Continuing Education, Univ. of Arizona, Tucson 85721)

14-16. **Society for Applied Spectroscopy**, New York, N.Y. (R. F. Hirsch, Chemistry Dept., Seton Hall Univ., South Orange, N.J. 07079)

14-16. **International Conf. on Health Technology Systems**, Soc. for Advanced Medical Systems and Operations Research Soc. of America, San Francisco, Calif. (M. F. Collen, 3779 Piedmont Ave., Oakland, Calif. 94611)

14-16. **Nuclear Science Symp.**, Inst. of Electrical and Electronics Engineers, San Francisco, Calif. (Technical Activities Board, IEEE, 345 E. 47 St., New York 10017)

14-17. **American Assoc. for Automotive Medicine**, Oklahoma City, Okla. (A. Carriere, 801 Green Bay Rd., Lake Bluff, Ill. 60044)

14-17. **American Acad. of Neurological Surgery**, Pasadena, Calif. (R. H. Patterson, Jr., AANS, 525 E. 68 St., New York 10021)

14-17. **Western Surgical Assoc.**, Houston, Tex. (W. P. Mikkelsen, WSA, 1127 Wilshire Blvd., Los Angeles 90017)

14-18. **American Assoc. of Psychiatric Services for Children**, Chicago, Ill. (AAPSC, 1701 18th St., NW, Washington, D.C. 20009)

15. **Symposium on Fatigue Behaviour of Composite Materials**, Inst. of Physics, London, England. (Meetings Officer, IP, 47 Belgrave Sq., London SW1X 8QX)

15-16. **Symposium on Childhood Obesity**, New York, N.Y. (M. Winick, Inst. of Human Nutrition, Columbia Univ., 511 W. 166 St., New York 10032)

15-16. **Electron Diffraction for the Investigation of Structure Conf.**, Inst. of Physics, London, England. (Meetings Officer, IP, 47 Belgrave Sq., London SW1X 8QX)

15-16. **Society of Naval Architects and Marine Engineers**, 81st annual, New York, N.Y. (SNAME, 74 Trinity Pl., New York 10006)

15-17. **American Soc. for Cell Biology**, Miami Beach, Fla. (G. D. Pappas, Dept. of Anatomy, Albert Einstein College of Medicine, 1300 Morris Park Ave., Bronx, N.Y. 10461)

16. **American Geographical Soc.**, New York, N.Y. (B. W. Adkinson, AGS, Broadway at 156 St., New York 10032)

16-17. **Oklahoma Acad. of Science**, Oklahoma City. (J. Lovell, Biological Sciences Dept., Southwestern State College, Weatherford, Okla. 73096)

16-17. **Tennessee Acad. of Science**, Nashville. (J. D. Caponetti, Dept. of Botany, Univ. of Tennessee, Knoxville 37916)

16-17. **Pathogenic Microorganisms from Atypical Clinical Sources**, Leo F. Rettger Soc. of the ASM, New Haven, Conn. (T. Sall, Dept. of Life Science, Ramapo College of New Jersey, P.O. Box 542, Mahwah 07430)

17-20. **American Assoc. of Gynecological Laparoscopists**, New Orleans, La. (J. M. Phillips, 11239 S. Lakewood Blvd., Downey, Calif. 90241)

18-21. **Academy of Psychosomatic Medicine**, Williamsburg, Va. (K. Shannon, Jr., 813 River Rd., Shreveport, La. 71105)

19-21. **American Physical Soc.**, Fluid Dynamics Div., New Haven, Conn. (W. W. Havens, APS, 335 E. 45 St., New York 10017)

19-22. **International Conf. on High Voltage DC and/or AC Power Transmission**, Institution of Electrical and Radio Engineers, London, England. (IERE, 8-9 Bedford Square, London WC1B, 3RG)

19-24. **Philippine Acad. of Ophthalmology and Otolaryngology**, Manila. (G. D. Lim, PAOO, P.O. Box 1510, Manila)

20-22. **European Conf. on Research into Management of Information Services and Libraries**, Assoc. of Special Libraries and Information Bureaus, Paris, France. (E. Lowry-Corry, ASLIB, 3 Belgrave Sq. London, SW1X 8PL, England)

24-25. **National Federation of Catholic Physicians Guilds**, Anaheim, Calif. (R. H. Herzog, NCFPG, 2825 N. Mayfair Rd., Milwaukee, Wis. 53222)

25-28. **Association of Military Surgeons of the U.S.**, 80th annual, Washington, D.C. (W. Welham, AMSUS, 8502 Connecticut Ave., NW, Chevy Chase, Md. 20015)

25-30. **Radiological Soc. of North America**, Chicago, Ill. (J. W. Beeler, RSNA, 713 E. Genesee St., Syracuse, N.Y. 13210)

26-28. **Chemical Marketing Research Assoc.**, St. Louis, Mo. (C. C. Harvey,


Praise the Lourdes.



30R Clini-Fuge™

We know your laboratory produces a voluminous amount of work. And that one of your greatest concerns is time...or the lack of it. You need a centrifuge that operates smoothly no matter how great the demands—exactly what you can expect from this high-capacity unit... a Lourdes exclusive. Portable, refrigerated, with all speed ranges and a solid state speed control selector, the 30R Clini-fuge has a capacity to 6,000 ml and forces to 56,000 x G. Instrumentation includes centrifuge and refrigeration master switches, brush life indicator signals, continuous reading electric tachometer, automatic synchronous timer with "hold" position, electro-dynamic brake selector switch, push-button start switch, and temperature controller. The instrument panel for all these operations is up front for easy control.

For capacity, performance, and easy operation you can count on, bring the Lourdes Model 30R Clini-fuge into your laboratory. For more information, write Vernitron or contact your local dealer. Today. And you, too, will praise the Lourdes.

 Vernitron Medical Products, Inc.
Empire Blvd. & Terminal Lane, Carlstadt, N.J. 07022

Ethyl Corp., 451 Florida St., Baton Rouge, La. 70801)

26-29. **Entomological Soc. of America**, Dallas, Tex. (W. P. Murdoch, 4603 Calvert Rd., College Park, Md. 20740)

26-29. Conference on **Na⁺,K⁺ ATPase Complex**, New York Acad. of Sciences, New York, N.Y. (S. Sinanian, NYAS, 2 E. 63 St., New York 10021)

26-30. International Symp. on the **Earth's Gravitational Field and Secular Variations in Position**, Australian Acad. of Science and Intern. Assoc. of Geodesy, Sydney. (R. S. Mather, School of Surveying, Univ. of New South Wales, P.O. Box 1, Kensington, NSW 2033)

27-28. **Divers' Gas Purity Symp.**, Columbus, Ohio. (P. S. Riegel, Battelle-

Columbus Labs., 505 King Ave., Columbus 43201)

27-29. Symposium on **Wildlife in an Urbanizing Environment**, Springfield, Mass. (D. R. Progulske, Dept. of Forestry and Wildlife Management, Univ. of Massachusetts, Amherst 01002)

27-2. Society for **Clinical and Experimental Hypnosis**, Newport Beach, Calif. (M. Kenn, SCEH, 140 West End Ave., New York 10023)

28-30. International Symp. on **Recycling and Corporate Goals: A New Environmental Technology or a New Economic Priority?**, Rüschlikon/Zurich, Switzerland. (R. Brun, Gottlieb Duttweiler Inst. for Economic and Social Studies, CH-8803 Rüschlikon/Zurich)

28-30. **Intra-Science Research Foundation**, 7th mtg., Santa Monica, Calif. (S. M. Pokras, ISRF, P.O. Box 430, Santa Monica 90406)

28-2. **American Anthropological Assoc.**, New Orleans, La. (E. J. Lehman, AAA, 1703 New Hampshire Ave., NW, Washington, D.C. 20009)

29-30. **Effectiveness of On-Line Biomedical Computing**, 2nd natl. conf., Advancement of Medical Instrumentation, Rosslyn, Va. (J. Skillin, AAMI, Suite 417, 1500 Wilson Blvd., Arlington, Va. 22209)

29-30. Conference on the **Managua Earthquake**, Earthquake Engineering Research Inst. and the Ministry of Public Works of Managua, San Francisco, Calif. (C. Rojahn, U.S. Geological Survey, Room 7067, 390 Main St., San Francisco 94105)

30-3. **American Psychoanalytic Assoc.**, New York, N.Y. (S. Goodman, APA, 1 E. 57 St., New York 10022)

December

1-2. National Federation of **Catholic Physicians' Guilds**, Anaheim, Calif. (R. H. Herzog, 2825 N. Mayfair Rd., Milwaukee, Wis. 53222)

1-4. **American Soc. of Hematology**, Chicago, Ill. (S. Robinson, Beth Israel Hospital, Boston, Mass. 02215)

1-5. **American Medical Assoc.**, Anaheim, Calif. (E. B. Howard, AMA, 535 N. Dearborn St., Chicago, Ill. 60610)

1-6. **American Acad. of Dermatology**, Chicago, Ill. (D. P. Compton, AAD, 2250 Northwest Flanders St., Portland, Ore. 97210)

2-4. **Technology of Water Quality** Conf., American Water Works Assoc., Cincinnati, Ohio. (AWWA, 2 Park Ave., New York 10016)

2-6. **American Acad. for Cerebral Palsy**, Washington, D.C. (J. E. Bryan, AACP, 1255 New Hampshire Ave., NW, Washington, D.C. 20036)

2-6. **Interdisciplinary Symp. on Advanced Concepts and Techniques in the Study of Snow and Ice Resources**, U.S. Natl. Committee for the Intern. Hydrological Decade, Monterey, Calif. (H. S. Santeford, Jr., USNC/IHD, Natl. Acad. of Sciences, 2101 Constitution Ave., NW, Washington, D.C. 20418)

2-7. **Automatic Cytology Conf.**, Engineering Foundation, Pacific Grove, Calif. (EF, 345 E. 47 St., New York 10017)

2-10. **International Union for Quaternary Research**, Christchurch, New Zealand. (J. M. Sons, University of Canterbury, Christchurch)

3-5. **Advances in Analytical Toxicology Symp.**, Inst. of Clinical Toxicology, Houston, Tex. (E. G. Comstock, ICT, P.O. Box 2565, Houston 77001)

3-5. **Southern Surgical Assoc.**, Hot Springs, Va. (D. C. Sabiston, Duke Univ. Medical Center, Durham, N.C. 27710)

4-8. **Central American Medical Congr.**, 15th, San José, Costa Rica. (G. Jiménez, Colegio de Medicos, San José)

5-7. **Electric Furnace Conf.**, American Inst. of Mining, Metallurgical & Petroleum Engineers and Metallurgical Soc., Cincinnati, Ohio. (C. Moore, AIMMPE, 345 E. 47 St., New York 10017)

6-7. **American College of Chemosur-**

Mallinckrodt's new, exclusive transparent See-Thru package shows off its carbon-14 and tritium labeled compounds, for instant identification and safety inspection before you open it.

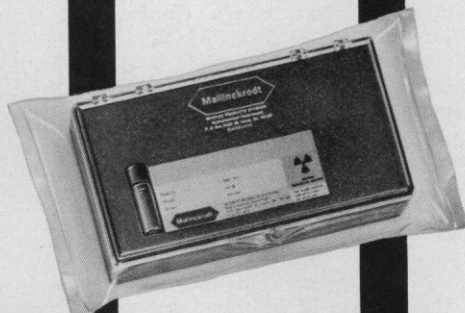
What's more, it cradles containers against damage in transit.

Ampoules and vials are foam-cushioned in a clear-top plastic box enclosed in a transparent heat sealed polyethylene sleeve. All but the outer shipping carton itself is entirely transparent, making everything clearly visible at a glance.

This new see-thru packaging now protects most of Mallinckrodt's catalog carbon-14 and tritium labeled compounds... another dimension in the high quality of Mallinckrodt labeled compounds.

Contact us now about the added protection you get with the new "show-off" package. Also available: Mallinckrodt's newest catalog of 850 labeled compounds... it's yours free.

Show Off!



Mallinckrodt
labeled
compounds

P. O. Box 5439
St. Louis, Mo. 63160
(314) 291-8191

Catalog
yours FREE!

gery, Chicago, Ill. (R. S. Moraites, ACC, 7721 Montgomery Rd., Cincinnati, Ohio 45236)

6-8. International Study Group for **Steroid Hormones**, 6th, Rome, Italy. (C. Conti, ISGSH, Istituto di Patologia Medica II, Policlinico Umberto I, Università di Roma, Rome)

6-11. American Acad. of **Optometry**, San Francisco, Calif. (C. C. Koch, AAO, 214-215 Foshay Tower, Minneapolis, Minn. 55402)

7-9. American Acad. of **Psychoanalysis**, New York, N.Y. (J. Barnett, AAP, 40 Gramercy Park N., New York 10024)

9-13. American Soc. of **Hospital Pharmacists**, 8th, New Orleans, La. (J. A. Oddis, ASHP, 4630 Montgomery Ave., Bethesda, Md. 20014)

10-12. **Sensing of Environmental Pollutants**, 2nd conf., American Inst. of Aeronautics and Astronautics and Inst. of Electrical and Electronics Engineers, Washington, D.C. (AIAA, 1290 Avenue of the Americas, New York 10019)

10-14. American Soc. of **Agricultural Engineers**, Chicago, Ill. (J. L. Butt, ASAE, P.O. Box 229, St. Joseph, Mich. 49085)

10-14. American Geophysical Union, Section on **Hydrology**, San Francisco, Calif. (R. Lee, Div. of Forestry, 337 Percival Hall, West Virginia Univ., Morgantown 26506)

11-14. International Symp. on **Biomembranes**, Madurai, India. (J. Jayaraman, ISB, Dept. of Biological Sciences, Madurai Univ., Madurai 625021)

12-15. Latin American Federation of **Parasitologists**, 3rd Congr., Medellin, Colombia. (M. Restrepo, Departamento de Microbiología y Parasitología, Facultad de Medicina, Apartado aero 883, Medellin, Colombia)

12-16. American **Psychoanalytic Assoc.**, New York, N.Y. (M. A. Berezin, 90 Forest Ave., West Newton, Mass. 02165)

17-19. Conference on **Computers in Spectroscopy**, Soc. for Analytical Chemistry and Inst. of Physics, London, England. (Meetings Officer, IP, 47 Belgrave Sq., London, SW1X 8QX)

17-21. Association of **Engineers and Architects in Israel**, 3rd world Congr., Tel-Aviv. (AEAI, Engineers Inst., 200 Dizengoff Str., POB 3082, Tel-Aviv)

17-21. **Marine Waste Disposal**, 2nd intern. Congr., Assoc. Nazionale di Ingegneria Sanitaria, San Remo, Italy. (Istituto di Ingegneria Sanitaria, del Politecnico di Milano, Segreteria per i Convegni Intern., Piazza Leonardo da Vinci, 32 Milano, Italy)

17-23. International Assoc. for **Medical Research and Cultural Exchange**, Yaounde, Cameroun. (IAMR, 4, rue de Seze, 75 Paris 9^e, France)

26-30. Society for the **History of Technology**, San Francisco, Calif. (M. Kranzberg, Dept. of Social Sciences, Georgia Inst. of Technology, Atlanta 30332)

27-30. **Animal Behavior Soc.**, Houston, Tex. (N. M. Jessop, Dept. of Biology, U.S. International Univ., San Diego, Calif. 92106)

27-30. **Biometric Soc.**, Eastern North American region, New York, N.Y. (F. B. Cady, Biometric Unit, 337 Warren Hall, Cornell Univ., Ithaca, N.Y. 14850)

27-30. Institute of **Mathematical Sta-**

tistics, New York, N.Y. (L. Katz, Statistical Lab., Michigan State Univ., East Lansing 48823)

27-30. Western Society of **Naturalists**, San Diego, Calif. (D. H. Montgomery, Dept. of Biological Sciences, California Polytechnic State Univ., San Luis Obispo 93401)

27-30. Society of **Protozoologists**, Houston, Tex. (D. M. Hammond, Dept. of Zoology, Utah State Univ., Logan 84321)

27-30. American **Statistical Assoc.**, New York, N.Y. (J. W. Lehman, ASA, 806 15th St., NW, Washington, D.C. 20005)

27-30. American Soc. of **Zoologists**, Houston, Tex. (C. J. Goodnight, Dept. of Biology, Western Michigan Univ., Kalamazoo 49001)

28-29. **Industrial Relations Research Assoc.**, New York, N.Y. (D. B. Johnson, 7114 Social Science Bldg., Univ. of Wisconsin, Madison 53706)

28-30. **Archaeological Inst. of America**, St. Louis, Mo. (E. A. Whitehead, AIA, 260 West Broadway, New York 10013)

28-30. American **Economic Assoc.**, New York, N.Y. (R. Fels, 1313 21st Ave. S., Nashville, Tenn. 37212)

28-30. **History of Science Soc.**, San Francisco, Calif. (R. H. Stuewer, School of Physics and Astronomy, Univ. of Minnesota, Minneapolis 55455)

28-30. **Linguistic Soc. of America**, San Diego, Calif. (T. A. Sebeok, LSA, Room 800, 1717 Massachusetts Ave., NW, Washington, D.C. 20036)



The MultiGen is a low cost culture apparatus designed for the control of all basic environmental conditions: temperature, agitation, aeration, pH, and dissolved O₂. Whether the need is for viscous microbial cultures or animal cell suspensions, air sparging or gas overlay, the MultiGen can be adapted to specific research requirements, and can provide an ideal alternative to spinner flask procedures.

Virtually every component is supplied in one compact assembly; glassware, tubing, penetrations, air filter and sampler. It even has its own built-in air pump, heating system, and facilities for cooling, as well as a choice of agitation systems. The impellers are magnetically coupled to eliminate contamination.

ASK FOR BULLETIN F1000/S1073



NEW BRUNSWICK SCIENTIFIC CO., INC.

1130 SOMERSET ST., NEW BRUNSWICK, N. J. 08903 201-846-4600

With NBS, Advanced Technology is a Way of Life.

2-4. **Solid State Physics**, 11th conf., Inst. of Physics, Manchester, England. (Meetings Officer, IP, 47 Belgrave Sq., London, SW1X 8QX, England)

7-8. **Application of Lasers to the Processing and Examination of Materials**, Inst. of Physics, Sussex, England. (Meetings Officer, IP, 47 Belgrave Sq., London, SW1X 8QX, England)

7-10. **Symposium on Beaufort Sea Coastal and Shelf Research**, Arctic Inst. of North America, San Francisco, Calif. (J. E. Sater, AINA, 1619 New Hampshire Ave., NW, Washington, D.C. 20009)

13-17. **American Medical Tennis Assoc.**, Tampa, Fla. (B. Drake, AMTA, P.O. Box 183, Alton, Ill. 62002)

14-16. **Southwest Allergy Forum**, Scottsdale, Ariz. (E. G. Barnett, SAF, 550 W. Thomas Rd., Phoenix, Ariz. 85013)

14-18. **Biology and Chemistry of Eucaryotic Cell Surfaces Conf.**, 6th, Intern. Union of Biochemistry, Miami, Fla. (Miami Winter Symposia, P.O. Box 906, Biscayne Annex, Miami 33152)

14-18. **International Soc. of Magnetic Resonance**, 5th, Bombay, India. (D. Fiat, Weizmann Inst. of Science, Rehovot, Israel)

14-25. **International Assoc. of Meteorology and Atmospheric Physics**, Melbourne, Australia. (G. B. Tucker, Commonwealth Meteorology Research Centre, P.O. Box 5089AA, Melbourne 3001)

15-17. **American Soc. for Surgery of the Hand**, Dallas, Tex. (J. A. Boswick, Jr., 4200 E. Ninth Ave., Denver, Colo. 80220)

15-19. **American Mathematical Soc.**, San Francisco, Calif. (E. Pitcher, Dept. of Mathematics, Lehigh Univ., Bethlehem, Pa. 18015)

15-19. **National Soc. of Professional Engineers**, Biloxi, Miss. (P. H. Robbins, NSPE, 2029 K St., NW, Washington, D.C. 20006)

17-19. **International Conf. of Communications**, Inst. of Electrical and Electronics Engineers, Minneapolis, Minn. (M. S. Ulstad, ICC, P.O. Box 35366, Minneapolis 55435)

17-19. **Mathematical Assoc. of America**, San Francisco, Calif. (H. L. Alder, Dept. of Mathematics, Univ. of California, Davis 95616)

19-23. **American Acad. of Allergy**, Bal Harbour, Fla. (J. O. Kelley, AAA, 225 E. Michigan St., Milwaukee, Wis. 53202)

19-24. **American Acad. of Orthopaedic Surgeons**, Dallas, Tex. (C. V. Heck, AAOS, 430 N. Michigan Ave., Chicago, Ill. 60611)

20-26. **American Library Assoc.**, Chicago, Ill. (D. H. Clift, ALA, 50 East Huron St., Chicago 60611)

20-1. **Dermatology**, intern. conf., Nairobi, Kenya. (E. F. Finnerty, North American Clinical Dermatologic Soc., 510 Commonwealth Ave., Boston, Mass. 02215)

21-23. **Hemophilia—Recent Advances in Biochemistry, Physiology, and Therapy**, New York Acad. of Sciences and the Natl. Hemophilia Foundation, New York, N.Y. (G. R. Gruber, NYAS, 2 E. 63 St., New York 10021)

probing...

TOWARD OUR MI

News from Transidyne General Corp

Chemical Microsensor

new polarographic system
for cellular PO₂ measurements

- Wide current input range, so both microelectrodes and needle electrodes can be used with Chemical Microsensor.
- Digital front panel display with simultaneous digital outputs (BCD) for on-line computer applications.
- Concentrations displayed as %, mmHg, or amperes.
- Positive and negative voltages for electrode polarization, so even P_H₂ can be determined.
- Simultaneous analog outputs for concentration and electrode polarization.
- New electrode calibration cell for rapid electrode calibrations.
- New microelectrodes and electrode holders.

TRANSIDYNE GENERAL CORPORATION 
462 SOUTH WAGNER ROAD • ANN ARBOR, MICHIGAN 48106
TELEPHONE 313/769-1900

Circle No. 85 on Readers' Service Card

Microsensor

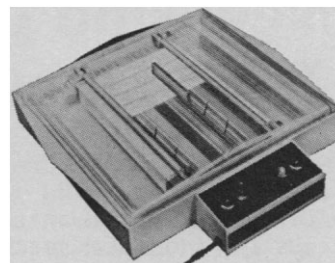
new polarographic system
for cellular PO₂ measurements

- Wide current input range, so both microelectrodes and needle electrodes can be used with Chemical Microsensor.
- Digital front panel display with simultaneous digital outputs for on-line computer applications.
- Concentrations displayed as %, mmHg, or amperes.
- Positive and negative voltages for electrode polarization, so even P_H₂ can be determined.
- Simultaneous analog outputs for concentration and electrode polarization.
- New electrode calibration cell for rapid electrode calibrations.
- New microelectrodes and electrode holders.

TRANSIDYNE GENERAL CORPORATION
462 SOUTH WAGNER ROAD • ANN ARBOR, MICHIGAN 48106

Kohn electrophoresis unit is 6 units in 1

Here's real versatility. The Shandon Electrophoresis Apparatus after Kohn—designed for maximum flexibility, convenience and economy—easily performs these six techniques: (1) **Cellulose Acetate** . . . with a range of bridge gaps from 1 cm to 21 cm in 1 mm steps you get unrivaled economy with expensive media . . . unit is ideal for large-scale, small-scale and micro techniques, also short distance HVE; (2) **Starch, Agar and Polyacrylamide Gels** . . . for superb resolution . . . and for immuno techniques; (3) **Paper** . . . outstanding simplicity and convenience on all runs; (4) **Micro-immuno and Crossed-over Techniques** . . . no need to improvise, special accessories do the job with no trouble; (5) **Thin Layer (TLE)** . . . real advantages in many types of separation . . . fast set-up time, fine results; (6) **Cooled Platen Work** . . . for separations at higher voltages . . . avoid denaturation of sample . . . ideal for enzyme work. Send for catalog U77, that details all of the advantages and accessories of this versatile apparatus, to Shandon Southern Instruments, Inc., 515 Broad St., Sewickley, Pa. 15143.



SHANDON

PITTSBURGH • LONDON • FRANKFURT

Circle No. 83 on Readers' Service Card

191