

# New thermocouple calibrating facility simplifies lab procedures

Designed for compatibility of operation and appearance, L&N's new Thermocouple Calibrating Facility conveniently centralizes all functions, control and measurement in three compact units:

- ✱ a temperature-control cubicle for automatically or manually regulating input to the Checking Furnace;
- ✱ the electrically heated Furnace itself, which provides a uniform heating zone to 2000 F; and
- ✱ a new desk-mounted Type K-4 Potentiometer Facility, completely equipped for precise direct measurement, or intercomparison, of thermocouple emfs.

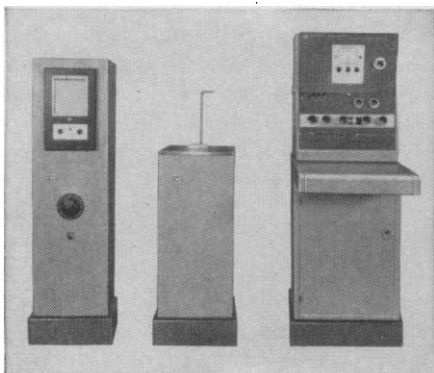
You can purchase either the complete Calibrating Facility, or separate units; in either case, all instruments and accessories are factory-mounted and wired, ready for installation.

Optional accessories include a certified reference-standard platinum thermocouple; a convenient reference-junction ice bath; and a choice of three temperature-equalizing blocks—each accommodating six test couples and the reference couple, within the furnace—for use over selected temperature ranges.

For full details, contact your nearby L&N office, or write us at 4926 Stenton Avenue, Philadelphia, Pa. 19144.



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sponsive to changes in watershed conditions. It is likely that the sedimentary record in lakes, which is an historical record as well, will be useful not only for interpreting precultural events and conditions but also the degenerative changes in waters resulting from man's more recent activities. Studies of Lake Washington (W. T. Edmondson, U.S.A.) and Lake Zürich (E. A. Thomas, Switzerland) indicate that sediments hold great promise.

Scientists in the Soviet Union have already recognized the importance of paleolimnology by having held two large symposia at Minsk and Leningrad on the paleolimnology of the northwestern European portion of the U.S.S.R. A third meeting is planned for Vilnius in a couple of years.

The symposium was sponsored by the International Association of Limnology and the Biology Department of the Hungarian Academy of Sciences, with support of the International Union of Biological Sciences and Section PF of the International Biological Program.

The proceedings of this symposium will be published in the Mitteilungen series of the International Association of Limnology (T. T. Macan, Secretary).

DAVID G. FREY

Department of Zoology, Indiana University, Bloomington 47401

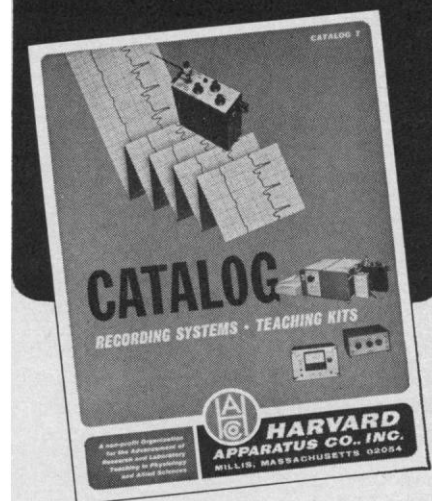
## Calendar of Events

### Courses

**Histochemistry**, Vanderbilt University, 28 July–17 August. For college and university teachers of zoology. Applicant must be member of faculty of an accredited college or university and teach at least one course in some area of zoology. In addition, he must be interested in histochemistry, either in teaching and/or in research. Living and travel expenses for 20 selected participants will be funded by a grant from the National Science Foundation. *Deadline for applications: 1 May.* (Dr. Burton J. Bogitsh, Box 1733, Station B, Vanderbilt University, Nashville, Tennessee 37203)

**Advanced Study in Gerontology**, University of Southern California, 17 June–29 July. For graduate students and professional people in the aging field. The institute will be conducted in three 2-week sessions. Students may attend for 2, 4, or 6 weeks. The first 2-week session will consist of a general survey course on concepts and issues in gerontology; the second will cover human physiology and aging, aging and personality, urban ecology and aging, and introduction to scientific computing; the third will cover implications of urban ecology for architecture, behavior, brain, and aging, aging and the family,

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and biology of aging. Tuition is \$60 for each unit. A limited number of stipends and tuition awards is available. Admission will be competitive, and priority will be given to students who apply *before 31 March*. (Miss Connie Straub, Summer Institute, Rossmoor-Cortese Institute for the Study of Retirement and Aging, University of Southern California, University Park, Los Angeles 90007)

**Anthropology for College Teachers**, University of Colorado, 17 June-23 August (under a grant from the National Science Foundation). Is intended to provide training for 40 college teachers who have had little or no formal training in the field. Applicant must be on the faculty of a college or junior college, teach one or more courses dealing extensively with an anthropological subject matter, and have little or no formal training in anthropology. The university will allow one semester hour of graduate credit for each week, for a total of 10 semester hours. Each participant will receive a stipend of \$750. (Dr. A. J. Kelso, Department of Anthropology, University of Colorado, Boulder 80302)

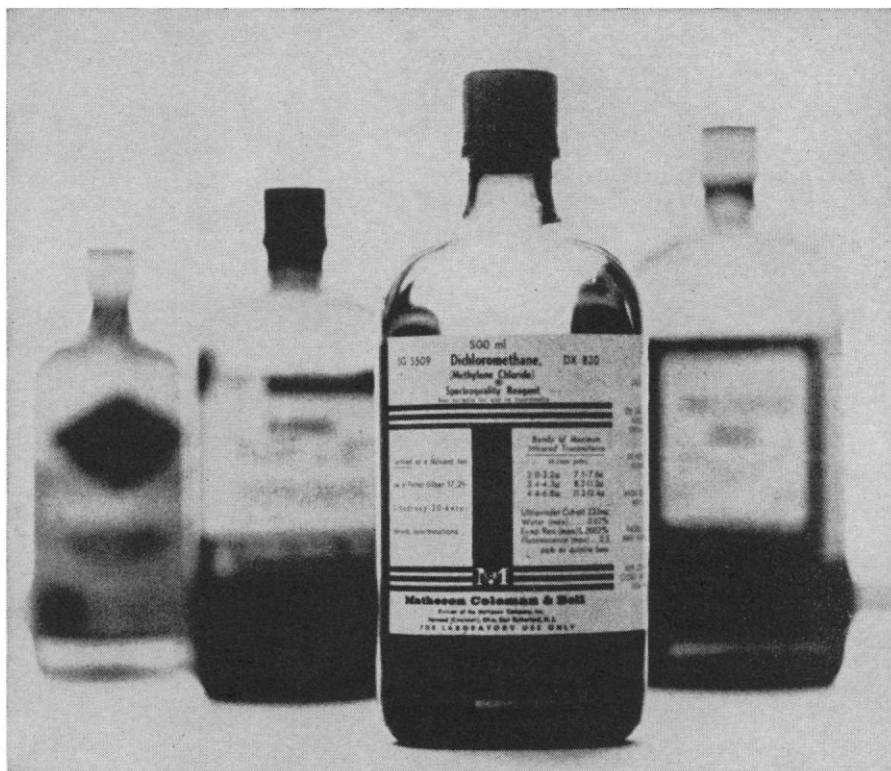
**Marine Sciences**, Cape Henlopen Marine Laboratory, University of Delaware, 17 June-24 July and 29 July-30 August. For graduate students, upper-level undergraduates, and secondary school teachers. The courses in the first term will include biological oceanography (4 credit hours), marine biology (6), and invertebrate zoology; in the second term they will include algal ecology (3) and geology of recent sedimentary environments (3). The fee is \$15 per credit hour for Delaware residents and \$35 for out-of-state students. (Dr. Harry W. Wells, Department of Biological Sciences, Marine Laboratories, University of Delaware, Newark 19711)

**Image Processing**, Massachusetts Institute of Technology, 5-16 August. The course will cover the theory and techniques of optical and computer image processing. Topics from image enhancement and biomedical image analysis will be discussed. (Director of the Summer Session, Room E19-356, Massachusetts Institute of Technology, Cambridge 02139)

**Sulfide Phase Equilibria and Their Application to Ores**, Lehigh University, 17 June-27 July (under a grant from NSF). For college teachers of economic geology. Lectures will cover physical-chemical principles necessary for understanding of phase equilibria, the important sulfide systems, and the application of laboratory data to naturally occurring ore-mineral assemblages. (Dr. George W. Roland, NSF Summer Institute, Department of Geological Sciences, Lehigh University, Bethlehem, Pa. 18015)

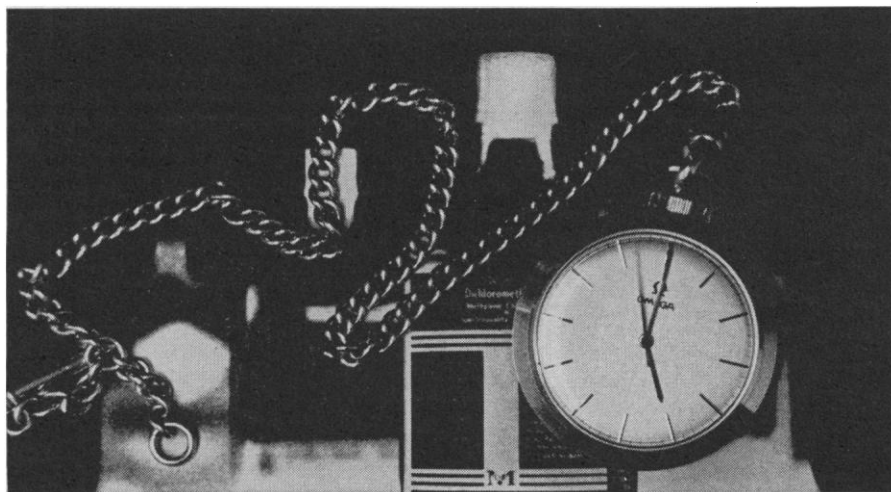
**Computer-Aided Design in Engineering Education**, University of Houston, 10 June-5 August (sponsored by NSF). Applicants should be graduate teaching staff members of colleges of engineering. Limited to 25 participants. Courses will cover hybrid computation, morphology of design, modeling and simulation, introduction to computer-aided design, analysis by computer, software management, optimization, decision theory, and man-machine interface. (Dr. G. F. Paskusz, Cullen College of Engineering, University of Houston, Houston, Texas 77004)

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