### we hear that

Kenneth Cole, senior biophysicist at the National Institute of Neurological Diseases and Stroke, has been elected a foreign member of the Royal Society of London.

The new vice-chancellor for academic affairs at the University of Denver is Carl M. York. He was formerly assistant chancellor of the University of California at Los Angeles, and since 1969 he has been an administrator in the Office of Science and Technology.

the National Bureau of Standards, has been named assistant professor of polymer science and engineering at the University of Massachusetts, Amherst.

Philip K. Chapman, formerly a scientistastronaut at NASA, has joined the senior staff of Avco Everett Research Laboratory.

Recent promotions at the University of Texas at Austin include W. R. Coker and M. Fink to associate professor. W. J. Braithwaite and G. W. Hoffman have been newly appointed to assistant professor. Visiting appointments to the university include C. P. Browne from Notre Dame University, visiting professor for the fall semester, and N. Mukunda of the Tata Institute in Bombay, India, visiting associate professor for the spring semester.

Norman J. Golden, associate professor of physics at Roosevelt University, has been promoted to chairman of the department of physics and engineering science. Seymour Geller, formerly with the North American Rockwell Corporation science center, is now professor in the department of electrical engineering at the University of Colorado.

Edward S. Clark, formerly with the plastics department of E. I. du Pont & Co, was recently appointed professor in the department of chemical and metallurgical engineering at the University of Tennessee, Knoxville.

William W. Havens Jr, of Columbia University's School of Engineering and Applied Science, has been appointed special assistant to the dean for externally supported research. Havens is executive secretary of the American Physical Society.

The State University College at Oswego, New York, has appointed Roger Hinrichs, of Michigan State University, assistant professor.

Former associate professor at New York University and Hunter College, Abraham R. Liboff, has been named the new chairman of the department of physics at Oakland University.

Janet Rountree Lesh has been appointed research astronomer at the Denver Research Institute and lecturer in the department of physics and astronomy at the University of Denver.

John C. Raich has been appointed chairman of the physics department at Colorado State University. Recent promotions in the department include David A. Krueger to associate professor and James R. Sites to assistant professor.

## You can buy Cold Traps that cost more, have shorter holding times, release condensables, or make your pumping station taller.



Or you can obtain better value if your next high vacuum cold trap is from Granville-Phillips. Here are 5 reasons why:

- You get GPC quality for as little as \$710 in an all stainless steel 6-inch trap. For this low price, you receive a trap you can fill at 5 P.M. and forget until 9 A.M. the next day.
- You have your choice of models that give you either 16 hours or 20 hours between refills. Our 20 hour holding time is nearly 4 times longer than that of the Varian/NRC trap that costs about the same, and equals that of the Varian/NRC trap that costs about 35% more.
- You get GPC's patented cold wall design that keeps all trapping surfaces at constant temperature for the entire life of the coolant charge. This feature assures that no condensables will be released until all the coolant has evaporated.
- You get a profile that is only 9 inches high. No other major trap manufacturer makes a shorter 6inch trap with overnight holding capability.
- You can buy 6-inch traps with greater claimed conductance but our conductance is measured at 1450 liters/second. This is the highest conductance possible for any 6-inch trap geometry of the same height as determined by Monte Carlo analysis.

The next time someone tries to sell you less trap for more money, remember the better values from GPC. Models with similar features are also available for all makes of 4-inch diffusion pumps. Ask for data sheet 278 containing complete specifications and prices.



Circle No. 42 on Reader Service Card

# obituaries

Jid-

luc-

Hz

ind

#### Robert C. Williamson

Robert Crozier Williamson, professor emeritus of physics at the University of Florida, died in Gainesville, Florida, on 4 September, two months before his 85th birthday.

Williamson was educated at the University of Wisconsin where he received a PhD in 1923. He continued on the faculty of that institution until 1930, teaching and pursuing research on the photoelectric effect. He then went to the University of Florida as chairman of the newly organized physics department, a post he occupied for 28 years. Williamson was a fellow of the American Association for the Advancement of Science and of the American Physical Society. He was a member of the

small group that established the southeastern section of the latter organization. After his retirement from teaching he served for four years under a Ford Foundation program at the University of Mandalay in Burma as an educational consultant and visiting professor. His final retirement from active duty came in 1962.

> STANLEY S. BALLARD DANIEL C. SWANSON University of Florida

#### Leslie M. Saunders

Leslie Martin Saunders, who recently joined the physics department at the University of Toronto, died suddenly on 8 September while attending the