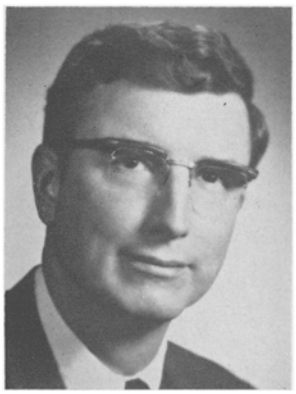
• *Names in the News*



D. P. Arndtsen

E. G. Bahret

DONALD P. ARNDTSEN ('58) has been appointed manager of product sales and EDWARD G. BAHRET ('65) has been appointed manager of process sales of the De Laval Separator Company, Poughkeepsie, N.Y. Mr. Arndtsen will be responsible for the direction of product promotion and customer applications in the Milk Plant, Food Equipment and Industrial Divisions. Mr. Bahret will direct the development, application and marketing for milk, food and industrial processes. Mr. Arndtsen, who joined De Laval's industrial sales and sales management department in 1952, had been Industrial Division sales manager at De Laval's Chicago headquarters. He is a past president of the American Oil Chemists Society's North Central Section and is a current member of the American Management Association, the Institute of Food Technologists and the American Institute of Chemical Engineers.

Mr. Bahret, who joined De Laval's industrial product and process engineering sales department in 1954, had been sales manager, vegetable oil processing. Besides being a member of the AOCS he is a member of the American Society for Testing Materials, and Sales and Marketing International.

On January 1, 1969, JOHN W. SCHRANK ('51) retired as Vice President, Manufacturing, of J. H. Filbert, Inc. Although he has retired from his active part in the company's management, Mr. Schrank will remain with the company as a consultant. The active management duties performed by Mr. Schrank have been assumed by Mr. Arthur O. Stern, who has been named Manager of Manufacturing.

Other promotional changes have been made in the Manufacturing Department. FELIX MASSIELLO ('58) formerly Chemical Engineer, has been promoted to Director of Engineering. BRIAN PAYNE ('68) previously Research Director, has assumed the position of Director of Research and Development.

ARTHUR J. MURPHY ('65) has been named national account manager for the Emcol Products group of the Organics Division of Witco Chemical Corporation, it was announced by Jerome S. Harrison, corporate vice president and director of marketing. Mr. Murphy joined Witco in 1963 as a technical service representative for Emcols and in 1965 became Emcol midwest regional sales manager.

R. R. GOVIN ('66) has joined National Starch and Chemical Corp., Plainfield, New Jersey, on July 1. Previously, he was working as a Post-Doctorate Research Associate at Rutgers University, Department of Food Science.

J. J. KABARA ('65) has recently joined the new Michigan College of Osteopathic Medicine as Associate Dean and Professor of Pharmacology. In his new position he will be responsible for curriculum and faculty development as well as the College participation in the Michigan Regional Medical Program.

D. G. MANLY ('67) has been appointed associate director of applications research and development at Air Products and Chemicals, Inc. He is the author of a number of technical papers and holds 12 patents in the fields of catalysis, synthetic materials and specialty chemicals.

• *New Products*

Metrimaster 300 HL-PM is a new panel mount all solid state instrument from METRITAPE, INC., West Concord, Mass., for high resolution level measurement of liquids, dense slurries and granular solids and powders. Level is indicated by an analog meter and adjustable high and low alarms are provided for fully automatic fill and drain control. The alarms of the Metrimaster 300-series operate directly off a unique Metritape sensing element suspended in each storage vessel. In multi-channel installations, all alarms provide continuous level surveillance, independent of the metering portion of the system. Each alarm point of a Metrimaster instrument is continuously adjustable to any threshold position over the entire metering range by a simple screw-driver setting. Relay contacts of normally open (NO) and normally closed (NC) types, 5 and 10 amp rating, are available for each alarm point.

The HAMILTON COMPANY'S new Model 86810 On Column Inlet permits direct sample injection to the head of the GC column at temperatures lower than required for flash vaporization. The resulting reduction in volume expansion makes it ideal for use with heat sensitive compounds. The On Column Inlet may be used with glass or metal columns. A spring loaded retainer septum improves quantitative injection, with limits up to 300 C and 40 psig. The heavy, machined aluminum body and the superior flow geometry distribute temperatures evenly with no hot or cold spots. The Model 86810 is available for 6 mm and 4 mm o.d. glass columns or ¼ and ⅛ in. o.d. metal columns from Hamilton Company, P.O. Box 307, Whittier, California 90608.

A handy new sensing device that quickly gives accurate temperature readings of any solid or liquid with which it is placed in contact, is now available from THE MURA CORPORATION of Great Neck, New York. Slightly larger than the average fountain pen, it electronically measures temperatures from −60 F to 400 F (or from −50 C to 200 C) when used in conjunction with a quality voltmeter or multitester. It obtains temperature data beyond the capabilities of ordinary mercury thermometers. Its two leads (40 in. long) and its 1½ in. long steel probe tip permit entry into heretofore inaccessible areas. A sensitive thermal unit inside the probe increases in resistance as it cools, lowers in resistance as it heats.

GOW-MAC INSTRUMENT CO., Madison, New Jersey, announced a new gas chromatograph, Model 69-500. This is a portable unit which is capable of routine analysis, limited research and is designed for even periodic use in laboratory or plant. Features found on the 69-500 which are not available on any units offered today are gold-sheathed filaments and a failure proof septum system.

A New Product is illustrated and described in a folder entitled Cor-Stran Fiberglass Reinforced Polyester Pipe. This new pipe is presented as a better means for handling salt water, aliphatic and aromatic hydrocarbons, mineral and vegetable oils, dilute and fatty acids, and other problem fluids. Properties and specifications are fully covered. Source: JONES & LAUGHLIN SUPPLY DIVISION, P.O. Box 2481, Tulsa, Okla. 74102.

(Continued on page 371A)

• *New Products . . .*

(Continued from page 360A)

MILTON ROY COMPANY has developed the ChemRoy pump to meet the need for a highly reliable, low cost utility pump in industrial and laboratory applications. Operating at a miximum capacity of 2 gal/hr and maximum discharge of 100 psi, the ChemRoy can be adjusted while running to change capacities. A totally enclosed unit with all friction surfaces submerged in oil, the ChemRoy has a hydraulically actuated diaphragm design. The ChemRoy pump measures 8½ in. high, 3 in. wide and 8½ in. long and weighs approximately 12 lb.

RONNINGEN-PETTER DIVISION/DOVER CORPORATION, Kalamazoo, Michigan, now offers a full line of quick acting 3 way, 3 port ball valves. Low-torque 360° operation puts all three ports or any combination of two ports on stream, allowing straight through flow, 90° directional flow or both, for a wide variety of applications. Glass reinforced Teflon seals are used on all four sides of the ball providing positive floating seating. Buna "N" gaskets and O-rings are standard, with an option of neoprene or viton. The Teflon steam seals' close tolerance eliminates the need for alternate packing of O-rings to prevent leakage.

A low priced gas chromatograph known as the LC-2, designed for routine analysis in the educational and industrial field is among specialized instruments made by PHASE SEPARATIONS LTD., Queensferry, Flintshire, North Wales. The chromatograph has an instrument module incorporating a large oven which is accurately controlled by an all solid state proportional controller. The analyser lid contains the whole chromatographic system which facilitates easy access. The firm offers Model LC-2F, a related instrument which utilizes the flame ionization detector system and completes the requirements range for detection limits down to 1 ppm.

A new low cost NMR Analyzer designed expressly for the routine determination of moisture or oil in solid samples has been announced by NEWPORT OF NORTH AMERICA, INC., Philadelphia. The new instrument operates on the established principle of nuclear magnetic resonance but is based on a unique magnet design. It is a low resolution type tuned only to the proton of hydrogen-containing liquids. Successful applications have been reported in the determination of the moisture content of food powders, slurries and emulsions; of detergent powders; of coal, sand, silica and cement, and of various chemicals, pharmaceuticals and plastics. Successful oil determinations have been reported for rape seed, cooking fats and margarines, cocoa butter and synthetic rubber.

A new biochemical instrument that automatically determines the sequence of amino acids in peptides, as well as in larger protein molecules, has just been introduced by BECKMAN INSTRUMENTS, INC., Palo Alto, Calif. Designed for basic research on such subjects as hormone activity, genetics, and antibody structure, the Beckman Protein-Peptide Sequencer is the first commercial unit to achieve consistently good results in sequencing peptides. Special features of the new sequencer include the ability to use volatile buffers to sequence peptides; a variety of safeguards that protect both operator and sample, and unattended, overnight operation for a seven-fold increase over manual methods in the rate of sequence determinations. The Beckman Sequencer is designed for use with both volatile and nonvolatile buffers and reagents, and it is this capability that makes it possible to effectively sequence peptides with the new machine. Total residues achievable when performed continuously by the new instrument have averaged between 30 and 40. To quantitate the yield, determine which amino acid was cleaved off, and measure the completeness of the cleaving reaction, the Beckman Sequencer is used in conjunction with the company's GC-45 Gas Chromatograph. This provides better reproducibility, higher resolution, and greater sensitivity than thin layer chromatography, used in earlier work.

Peanut Research and Education Group Formed

A new organization, the American Peanut Research and Education Association (APREA), was formed at the Peanut Improvement Working Group Meeting held in the summer of 1968. APREA is now a chartered non-profit organization with a board of directors.

The objective of this organization is to improve the yield and quality, and to increase the consumption of U.S. peanuts and peanut products. In order to achieve these objectives, it is essential that we have active membership. The following memberships are available.

Individual memberships: Individuals who pay dues at the full rate as fixed by the Board of Directors.

Organizational memberships: Industrial or educational groups that pay dues. Organizational members may designate one representative who shall have individual member rights.

Sustaining memberships: Industrial organizations and others that pay dues. Sustaining members are those who wish to support this Association financially to an extent beyond minimum requirements. These members may also designate one representative who shall have individual member rights. Any organization may hold sustaining membership for any or all of its divisions or sections with individual member rights accorded each sustaining membership.

Student memberships: Full time students that pay dues at a special rate. Persons presently enrolled as full time students at any recognized college, university or technical school are eligible for student membership. Post doctoral students, employed persons taking refresher courses or special employee training programs are not eligible for student membership. For more information please write A. H. Allison, P.O. Box 102, Tidewater Research Station, Holland, Virginia 23391.